

# 收錄引用月報

SCI·EI·ESI INDEX DATABASE

Dec.~ Jan. 2024 No.32

黑龍江八一農墾大學

圖書館咨詢服務部

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为及时了解学校最新 SCI、EI 的收录引用情况及 ESI 学科发展趋势信息，图书馆推出信息参考《收录引用月报》，呈现学校最新 SCI、EI 收录引用信息，收录内容为我校教师为第一作者和合著者被 SCI、EI 收录的文献信息，并通过 ESI 学科分析简报，展示 Incites 数据库中我校各学科论文产出量和影响力的数据，提供我校各学科在全球范围内每个具体研究领域中的研究成果和影响力分析，以此了解我校各学科发展态势。

《收录引用月报》有关说明如下：

一、图书馆所提供信息全部来源于官方数据库。

二、以机构“Heilongjiang Bayi Agricultural University”为检索条件，时间选择“最近四周”检索所得。

三、本月报相关数据不保证 100%的完整性，不做决策依据，仅做参考，如需了解详细情况，需做进一步查证、查询，请以官方网站信息为准。

四、鉴于 Incites 数据库每两个月更新一次，目前收录引用月报改为双月制作出版。

附件 1、SCI 收录情况（2023. 11. 30-2024. 01. 24）

附件 2、EI 收录情况（2023. 11. 30-2024. 01. 24）

附件 3、ESI 学科分析简报

# SCI 收录情况

(2023. 11. 30–2024. 01. 24)

SCI 索引库共收录我校教师发表的 64 篇文献，通过下方学科目录和图表信息呈现出文献的研究方向、研究机构、基金资助机构和来源出版物信息。图表后附录 64 篇文献详细题录信息。

| RESEARCH FIELDS                      | 研究领域       | 篇数 |
|--------------------------------------|------------|----|
| Agriculture                          | 农业         | 11 |
| Biochemistry & Molecular Biology     | 生物化学与分子生物学 | 8  |
| Science & Technology - Other Topics  | 科技与技术-其他主题 | 8  |
| Environmental Sciences & Ecology     | 环境科学与生态学   | 6  |
| Engineering                          | 工程学        | 4  |
| Food Science & Technology            | 食品科学与技术    | 4  |
| Plant Sciences                       | 植物科学       | 4  |
| Automation & Control Systems         | 自动化及控制系统   | 2  |
| Cell Biology                         | 细胞学        | 2  |
| Chemistry                            | 化学         | 2  |
| Biotechnology & Applied Microbiology | 应用微生物学     | 1  |
| Gastroenterology & Hepatology        | 胃肠病与肝病     | 1  |
| General & Internal Medicine          | 普通内科       | 1  |
| Infectious Diseases                  | 传染病学       | 1  |
| Instruments & Instrumentation        | 仪器及仪表学     | 1  |
| Microbiology                         | 微生物学       | 1  |
| Nutrition & Dietetics                | 营养和饮食学     | 1  |
| Optics                               | 光学         | 1  |
| Parasitology                         | 寄生物学       | 1  |
| Research & Experimental Medicine     | 研究与实验医学    | 1  |
| Spectroscopy                         | 光谱学        | 1  |
| Thermodynamics                       | 热力学        | 1  |
| Veterinary Sciences                  | 兽医学        | 1  |

表 1 我校 23 个研究领域发文篇数及详细题录信息



图 1 发文≥2 篇合作研究机构分布图



图 2 发文≥2 篇基金资助机构分布图



图 3 发文≥1 篇来源出版物分布图

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## Agriculture

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### 第 1 条

标题: The effects of quinoa bran dietary fiber on glucose and lipid metabolism and hepatic transcriptome in obese rats

作者: Ge, YF (Ge, Yunfei); Shi, Y (Shi, Yu); Wei, CH (Wei, Chunhong); Uthamapriya, RA (Uthamapriya, Rajavel Arumugam); Wu, YJ (Wu, Yunjiao); Cao, LK (Cao, LongKui)

来源出版物: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE

DOI: 10.1002/jsfa.13154 提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001126714800001

文献类型: Article; Early Access

作者关键词: quinoa bran; dietary fiber; obese rats; lipid metabolism; transcriptomics

**KeyWords Plus:** TYPE-2 DIABETES-MELLITUS; INSULIN-RESISTANCE; EXPRESSION; MANAGEMENT; HEALTH; ENZYME; ACIDS

地址: [Ge, Yunfei; Shi, Yu; Wei, Chunhong; Wu, Yunjiao; Cao, LongKui] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing, Peoples R China.

[Ge, Yunfei; Uthamapriya, Rajavel Arumugam] Gangneung Wonju Natl Univ, Dept Marine Food Sci & Technol, Kangnung, South Korea.

[Wei, Chunhong; Cao, LongKui] Heilongjiang Bayi Agr Univ, Natl Coarse Cereals Engn Res Ctr, Daqing, Peoples R China.

[Cao, LongKui] Heilongjiang Bayi Agr Univ, Coll Food Sci, Xinfeng Lu 5, Daqing 163319, Peoples R China.

通讯作者地址: Cao, LK (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Xinfeng Lu 5, Daqing 163319, Peoples R China.

电子邮件地址: caolongkui2013@163.com

研究方向: Agriculture; Chemistry; Food Science & Technology

ISSN: 0022-5142

eISSN: 1097-0010

输出日期: 2024-01-24

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### 第 2 条

标题: BLV-miR-B1-5p Promotes *Staphylococcus aureus* Adhesion to Mammary Epithelial Cells by Targeting MUC1

作者: Lian, S (Lian, Shuai); Liu, PF (Liu, Pengfei); Li, X (Li, Xiao); Lv, GX (Lv, Guanxin); Song, JH (Song, Jiahe); Zhang, H (Zhang, Han); Wu, R (Wu, Rui); Wang, D (Wang, Di); Wang, JF (Wang, Jianfa)

来源出版物: ANIMALS 卷: 13 期: 24 文献号: 3811 DOI: 10.3390/ani13243811

出版年: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001137866000001

文献类型: Article

作者关键词: dairy cows; BLV; BLV-miR-B1-5p; MUC1; Staphylococcus aureus

**KeyWords Plus:** BOVINE; MICRORNAS; MILK

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地址: [Lian, Shuai; Liu, Pengfei; Li, Xiao; Lv, Guanxin; Song, Jiahe; Zhang, Han; Wu, Rui; Wang, Di; Wang, Jianfa] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

[Lian, Shuai; Liu, Pengfei; Li, Xiao; Lv, Guanxin; Song, Jiahe; Zhang, Han; Wu, Rui; Wang, Di; Wang, Jianfa] Minist Agr & Rural Affairs, China Key Lab Bovine Dis Control Northeast China, Daqing 163319, Peoples R China.

[Lian, Shuai; Liu, Pengfei; Li, Xiao; Lv, Guanxin; Song, Jiahe; Zhang, Han; Wu, Rui; Wang, Di; Wang, Jianfa] Heilongjiang Prov Key Lab Prevent & Control Bovine, Daqing 163319, Peoples R China.

[Wu, Rui] Jiamusi Univ, Coll Biol & Agr, Jiamusi 154007, Peoples R China.

通讯作者地址: Wang, D; Wang, JF (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

Wang, D; Wang, JF (通讯作者), Minist Agr & Rural Affairs, China Key Lab Bovine Dis Control Northeast China, Daqing 163319, Peoples R China.

Wang, D; Wang, JF (通讯作者), Heilongjiang Prov Key Lab Prevent & Control Bovine, Daqing 163319, Peoples R China.

电子邮件地址: lianlianshuai@163.com; 18311786547@163.com;

13359505332@163.com; lgxarron@foxmail.com; 15764567654@163.com;

18746410672@163.com; fuhewu@126.com; wangdidee@163.com; wjflw@sina.com

研究方向: Agriculture; Veterinary Sciences; Zoology

ISSN: 2076-2615

输出日期: 2024-01-24

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### 第 3 条

标题: Improvement of cannabidiolic acid synthetase activity through molecular docking and site-directed mutagenesis

作者: Dai, LY (Dai, Lingyan); Niu, TL (Niu, Tingli); Luo, RJ (Luo, Ruijie); Zhang, LG (Zhang, Liguu); Zhang, SQ (Zhang, Shuquan); Kang, Y (Kang, Yue); Chi, J (Chi, Jian); Feng, XL (Feng, Xinlei); Shi, JZ (Shi, Jiazhuo); Tian, Y (Tian, Yuan); Gao, BC (Gao, Baochang); Li, ZJ (Li, Zhijiang)

来源出版物: INDUSTRIAL CROPS AND PRODUCTS 卷: 208 文献号: 117860

DOI: 10.1016/j.indcrop.2023.117860 提前访问日期: NOV 2023 出版年: FEB 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001131577500001

文献类型: Article

作者关键词: Cannabidiolic acid synthase; Cannabidiol; Rational design; Pichia pastoris; Enzyme activity

KeyWords Plus: EXPRESSION

地址: [Dai, Lingyan; Niu, Tingli; Luo, Ruijie; Kang, Yue; Chi, Jian; Feng, Xinlei; Shi, Jiazhuo] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

[Zhang, Liguu; Zhang, Shuquan] Heilongjiang Acad Agr Sci, Inst Ind Crop, Harbin 150086, Heilongjiang, Peoples R China.

[Tian, Yuan; Gao, Baochang] Heilongjiang Acad Sci, Inst Phytochem, Daqing Branch, Daqing 163319, Heilongjiang, Peoples R China.

[Li, Zhijiang] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Dai, LY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

Gao, BC (通讯作者), Heilongjiang Acad Sci, Inst Phytochem, Daqing Branch, Daqing



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163319, Heilongjiang, Peoples R China.  
Li, ZJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319,  
Heilongjiang, Peoples R China.  
电子邮件地址: dailingyan770416@126.com; chemgbc@163.com;  
lizhijiang@126.com  
研究方向: Agriculture  
**ISSN:** 0926-6690  
**eISSN:** 1872-633X  
输出日期: 2024-01-24

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#### 第 4 条

标题: Regulatory effect of graphene on growth and carbon/nitrogen metabolism of  
maize (*Zea mays* L.)  
作者: Wang, SY (Wang, Shiya); Wang, XY (Wang, Xinyi); Liu, Y (Liu, Ying); Sun, GX  
(Sun, Guangxu); Kong, DY (Kong, Deyong); Guo, W (Guo, Wei); Sun, HY (Sun,  
Haiyan)  
来源出版物: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE  
**DOI:** 10.1002/jsfa.13038 提前访问日期: NOV 2023  
**Web of Science** 核心合集中的 "被引频次": 0  
被引频次合计: 0  
入藏号: WOS:001105161100001  
文献类型: Article; Early Access  
作者关键词: graphene; maize; morphological; biochemical; leaf structure  
**KeyWords Plus:** WATER-USE EFFICIENCY; CARBON; PHOTOSYNTHESIS;  
MORPHOLOGY; PROMOTE; ENZYMES; STRESS; SATIVA; LEAVES; OXIDE  
地址: [Wang, Shiya; Wang, Xinyi; Liu, Ying; Sun, Guangxu; Kong, Deyong; Guo, Wei;  
Sun, Haiyan] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing, Peoples R China.  
[Guo, Wei] Minist Agr & Rural Affairs, Key Lab Low Carbon Green Agr Northeast  
Plain, Daqing, Peoples R China.  
[Sun, Haiyan] Heilongjiang Prov Key Lab Modern Agr Cultivat & Ge, Daqing, Peoples  
R China.  
通讯作者地址: Guo, W; Sun, HY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr,  
Daqing, Peoples R China.  
电子邮件地址: agrigw@163.com; shysun7908@126.com  
研究方向: Agriculture; Chemistry; Food Science & Technology  
**ISSN:** 0022-5142  
**eISSN:** 1097-0010  
输出日期: 2024-01-24

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#### 第 5 条

标题: Limited agricultural spectral dataset expansion based on generative adversarial  
networks  
作者: Huang, YC (Huang, Yican); Chen, ZG (Chen, Zhengguang); Liu, JM (Liu,  
Jinming)  
来源出版物: COMPUTERS AND ELECTRONICS IN AGRICULTURE 卷: 215 文献号: 108385  
**DOI:** 10.1016/j.compag.2023.108385 提前访问日期: NOV 2023 出版年: DEC 2023  
**Web of Science** 核心合集中的 "被引频次": 0  
被引频次合计: 0

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入藏号: WOS:001111504600001

文献类型: Article

作者关键词: Near-Infrared Spectroscopy; Generative Adversarial Networks; Data Augmentation

**KeyWords Plus:** CLASSIFICATION; MODEL; SPECTROSCOPY; OPTIMIZATION

地址: [Huang, Yican; Chen, Zhengguang; Liu, Jinming] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

通讯作者地址: Chen, ZG (通讯作者), Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

电子邮件地址: ruzee@byau.edu.cn

研究方向: Agriculture; Computer Science

**ISSN:** 0168-1699

**eISSN:** 1872-7107

输出日期: 2024-01-24

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## 第 6 条

标题: SLAF marker based QTL mapping of fruit-related traits reveals a major-effect candidate locus *ff2.1* for flesh firmness in melon

作者: Chen, KX (Chen, Ke-xin); Dai, DY (Dai, Dong-yang); Wang, L (Wang, Ling); Yang, LM (Yang, Li-min); Li, DD (Li, Dan-dan); Wang, C (Wang, Chao); Ji, P (Ji, Peng); Sheng, YY (Sheng, Yun-yan)

来源出版物: JOURNAL OF INTEGRATIVE AGRICULTURE 卷: 22 期: 11

页: 3331-3345 **DOI:** 10.1016/j.jia.2023.02.014 出版年: NOV 2023

**Web of Science** 核心合集中的 "被引频次": 1

被引频次合计: 1

入藏号: WOS:001119382800001

文献类型: Article

作者关键词: QTL mapping; flesh firmness; fruit-related traits; melon; SLAF sequencing

**KeyWords Plus:** BETA-CAROTENE; TOMATO; LOCI; GENES; IDENTIFICATION; EXPRESSION; MATURITY; MAP

地址: [Chen, Ke-xin; Dai, Dong-yang; Wang, Ling; Yang, Li-min; Li, Dan-dan; Wang, Chao; Ji, Peng; Sheng, Yun-yan] Heilongjiang Bayi Agr Univ, Dept Hort & Landscape Architecture, Daqing 163309, Peoples R China.

通讯作者地址: Sheng, YY (通讯作者), Heilongjiang Bayi Agr Univ, Dept Hort & Landscape Architecture, Daqing 163309, Peoples R China.

电子邮件地址: shengyunyan@byau.edu.cn

研究方向: Agriculture

**ISSN:** 2095-3119

**eISSN:** 2352-3425

输出日期: 2024-01-24

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## 第 7 条

标题: Interactive effects of drought and cadmium stress on adzuki bean seedling growth, DNA damage repair, and Cd accumulation

作者: Ma, Y (Ma, Yue); Hu, JC (Hu, Jia-Chen); Yu, Y (Yu, Yang); Cheng, X (Cheng, Xin); Du, YL (Du, Yan-Li); Zhao, Q (Zhao, Qiang); Du, JD (Du, Ji-Dao)

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来源出版物: SCIENTIA HORTICULTURAE 卷: 324 文献号: 112624  
DOI: 10.1016/j.scienta.2023.112624 提前访问日期: OCT 2023 出版年: JAN 15 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001109153000001

文献类型: Article

作者关键词: Cd transport; Antioxidant defense; DNA damage repair; Cell cycle regulation; Adzuki bean (*Vigna angularis* L.)

**KeyWords Plus:** TRANSPORTER GENES; STOMATAL CLOSURE; TOLERANCE; ROOT; EXPRESSION; RESPONSES; L.; MAIZE; RICE; METALLOTHIONEIN

地址: [Ma, Yue; Hu, Jia-Chen; Yu, Yang; Cheng, Xin; Du, Yan-Li; Zhao, Qiang; Du, Ji-Dao] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163000, Heilongjiang, Peoples R China.

[Ma, Yue; Du, Yan-Li; Zhao, Qiang] Natl Coarse Cereals Engr Res Ctr, Daqing 163000, Heilongjiang, Peoples R China.

[Du, Ji-Dao] Res Ctr Saline & Alkali Land improvement Engr Tech, Daqing 163000, Heilongjiang, Peoples R China.

通讯作者地址: Zhao, Q; Du, JD (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163000, Heilongjiang, Peoples R China.

Zhao, Q (通讯作者), Natl Coarse Cereals Engr Res Ctr, Daqing 163000, Heilongjiang, Peoples R China.

Du, JD (通讯作者), Res Ctr Saline & Alkali Land improvement Engr Tech, Daqing 163000, Heilongjiang, Peoples R China.

电子邮件地址: zqiang0416@hotmail.com; djdbynd@163.com

研究方向: Agriculture

ISSN: 0304-4238

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输出日期: 2024-01-24

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## 第 8 条

标题: Analysis of impact and absorbed energy of *Fritillaria ussuriensis* maxim during drum screening and its effect on impact damage

作者: Song, J (Song, Jiang); Tian, S (Tian, Shuai); Wang, YS (Wang, Yaoshen); Han, X (Han, Xia); Wang, M (Wang, Ming); Sun, XR (Sun, Xingrong); Yi, SJ (Yi, Shujuan)

来源出版物: COMPUTERS AND ELECTRONICS IN AGRICULTURE 卷: 215

文献号: 108368 DOI: 10.1016/j.compag.2023.108368 提前访问日期: OCT 2023

出版年: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001105662300001

文献类型: Article

作者关键词: *Fritillaria ussuriensis* maxim; Drum screen; Impact energy; Absorbed energy; Impact damage; Motion and force analysis

**KeyWords Plus:** BRUISE SUSCEPTIBILITY; FRUIT; APPLES

地址: [Song, Jiang; Tian, Shuai; Wang, Yaoshen; Han, Xia; Wang, Ming; Yi, Shujuan] Heilongjiang Bayi Agr Univ, Coll Engr, Daqing 163319, Peoples R China.

[Sun, Xingrong] Heilongjiang Acad Agr Sci, Daqing Branches, Daqing 163319, Peoples R China.

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通讯作者地址: Yi, SJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

电子邮件地址: llhsj770313@163.com

研究方向: Agriculture; Computer Science

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## 第 9 条

标题: CNN CLASSIFICATION OF SOYBEANS WITH STORAGE TIME BASED ON NEAR INFRARED SPECTROSCOPY

作者: He, Y (He, Yan); Kang, K (Kang, Kai); Yin, QW (Yin, Qiwei); Peng, Y (Peng, Yang); Zhang, W (Zhang, Wei)

来源出版物: ENGENHARIA AGRICOLA 卷: 43 期: 6 文献号: ee20230130

DOI: 10.1590/1809-4430-Eng.Agric.v43n6e20230130/2023 出版年: 2023

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:001131147600001

文献类型: Article

作者关键词: near infrared spectroscopy; soybeans; storage time; CNN

地址: [He, Yan; Yin, Qiwei; Peng, Yang; Zhang, Wei] Heilongjiang Bayi Agr Univ, Engn Coll, Daqing, Peoples R China.

[Kang, Kai] Heilongjiang Univ Sci & Technol, Sch Elect & Control Engn, Harbin, Peoples R China.

通讯作者地址: Zhang, W (通讯作者), Heilongjiang Bayi Agr Univ, Engn Coll, Daqing, Peoples R China.

电子邮件地址: zhang66wei@126.com

研究方向: Agriculture

ISSN: 0100-6916

eISSN: 1809-4430

输出日期: 2024-01-24

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## 第 10 条

标题: INTELLIGENT IDENTIFICATION OF RICE GROWTH PERIOD (GP)BASED ON RAMAN SPECTROSCOPY AND IMPROVED CNN IN HEILONGJIANG PROVINCE OF CHINA

作者: Liu, R (Liu, Rui); Tan, F (Tan, Feng); Ma, B (Ma, Bo)

来源出版物: ENGENHARIA AGRICOLA 卷: 43 期: 6 文献号: e20230127

DOI: 10.1590/1809-4430-Eng.Agric.v43n6e20230127/2023 出版年: 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001131049900001

文献类型: Article

作者关键词: rice growth period; Raman spectroscopy; low temperature; chilling injury; CNN-CBAM

地址: [Liu, Rui] Heilongjiang Bayi Agr Univ, Coll Agr Engn, Daqing 163000, Peoples R China.

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[Tan, Feng] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163000, Peoples R China.

[Ma, Bo] Heilongjiang Acad Agr Sci, Qiqihar Branch, Qiqihar 161006, Peoples R China.

通讯作者地址: Tan, F (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163000, Peoples R China.

电子邮件地址: tf1972@163.com

研究方向: Agriculture

ISSN: 0100-6916

eISSN: 1809-4430

输出日期: 2024-01-24

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## 第 11 条

标题: NUMERICAL SIMULATION OF AIR FLOW FIELD AND TEMPERATURE FIELD IN A VERTICAL WALL ATTACHED JET VENTILATED GOSLING HOUSE IN COLD REGION

作者: Yang, L (Yang, Long); Xie, HY (Xie, Heng yan); Deng, SH (Deng, Shu hui)

来源出版物: ENGENHARIA AGRICOLA 卷: 43 期: 5 文献号: e20230102

DOI: 10.1590/1809-4430-Eng.Agric.v43n5e20230102/2023 出版年: 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001123795400001

文献类型: Article

作者关键词: air diffusion performance index; air supply velocity; CFD; air pool; air supply temperature

KeyWords Plus: CFD

地址: [Yang, Long; Xie, Heng yan; Deng, Shu hui] Heilongjiang Bayi Agr Univ, Daqing, Peoples R China.

通讯作者地址: Xie, HY (通讯作者), Heilongjiang Bayi Agr Univ, Daqing, Peoples R China.

电子邮件地址: xiehy555@163.com

研究方向: Agriculture

ISSN: 0100-6916

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## Biochemistry & Molecular Biology

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## 第 1 条

标题: Research Progress in Enzyme Biofuel Cells Modified Using Nanomaterials and Their Implementation as Self-Powered Sensors

作者: Cao, LL (Cao, Lili); Chen, J (Chen, Juan); Pang, JY (Pang, Jingyu); Qu, HJ (Qu, Hongjie); Liu, JR (Liu, Jiaren); Gao, JL (Gao, Jinling); Tao, ZT (Tao, Zetian)

来源出版物: MOLECULES 卷: 29 期: 1 文献号: 257

DOI: 10.3390/molecules29010257 出版年: JAN 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

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入藏号: WOS:001140680700001

文献类型: Review

作者关键词: enzyme biofuel cells (EBFCs); nanomaterials in EBFCs; chemical-to-electrical energy conversion; self-powered sensors; sustainable energy technology

**KeyWords Plus:** OXYGEN REDUCTION REACTION; DIRECT ELECTRON-TRANSFER; CELLOBIOSE DEHYDROGENASE; GLUCOSE-OXIDASE; IMMOBILIZATION; FABRICATION; NANOPARTICLES; BIOCONJUGATE; PERFORMANCE; INHIBITION

地址: [Cao, Lili; Chen, Juan; Pang, Jingyu; Qu, Hongjie; Liu, Jiaren; Gao, Jinling] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Peoples R China.

通讯作者地址: Cao, LL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Peoples R China.

电子邮件地址: caolili@byau.edu.cn; 15547002901@163.com; jyp0963@163.com; qhjsxm@163.com; liujiaren@byau.edu.cn; gjlscl@sina.com

研究方向: Biochemistry & Molecular Biology; Chemistry

**eISSN:** 1420-3049

输出日期: 2024-01-24

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## 第 2 条

标题: Diterpenolignans and cephalotane diterpenoids from *Cephalotaxus oliveri* mast. with antitumor activity

作者: Jiang, CY (Jiang, Chunyu); Han, ZM (Han, Zimeng); Sun, W (Sun, Wen); Tan, JY (Tan, Jiayi); Gao, GW (Gao, Guiwen); Wang, X (Wang, Xuan); Hua, HM (Hua, Huiming); Zhao, R (Zhao, Rui); Han, T (Han, Tong)

来源出版物: PHYTOCHEMISTRY 卷: 217 文献号: 113924

**DOI:** 10.1016/j.phytochem.2023.113924 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001121695300001

文献类型: Article

作者关键词: *Cephalotaxus oliveri* Mast.; Cephalotaxaceae; Diterpenolignans; Cephalotane diterpenoids; Antitumor activity

**KeyWords Plus:** LIGNANS; TROPONE

地址: [Jiang, Chunyu; Han, Zimeng; Sun, Wen; Tan, Jiayi; Gao, Guiwen; Wang, Xuan; Zhao, Rui; Han, Tong] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Dept Pharmaceut Engn, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

[Hua, Huiming] Shenyang Pharmaceut Univ, Minist Educ, Key Lab Struct Based Drug Design & Discovery, 103 Wenhua Rd, Shenyang 110016, Liaoning, Peoples R China.

[Hua, Huiming] Shenyang Pharmaceut Univ, Sch Tradit Chinese Mat Med, 103 Wenhua Rd, Shenyang 110016, Peoples R China.

通讯作者地址: Han, T (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Dept Pharmaceut Engn, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

电子邮件地址: huimhua@163.com; zr601@163.com; hantong1221@163.com

研究方向: Biochemistry & Molecular Biology; Plant Sciences

**ISSN:** 0031-9422

**eISSN:** 1873-3700

输出日期: 2024-01-24

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### 第 3 条

标题: Vortex-assisted hydrophobic natural deep eutectic solvent liquid-liquid microextraction for the removal of silver ions from environmental water

作者: Wang, C (Wang, Chao); Li, S (Li, Shuo); Sun, P (Sun, Peng); Yu, Z (Yu, Zhao); Yang, X (Yang, Xue)

来源出版物: ANALYTICAL AND BIOANALYTICAL CHEMISTRY

DOI: 10.1007/s00216-023-05073-z 提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001118950700003

文献类型: Article; Early Access

作者关键词: Natural deep eutectic solvent; Liquid-liquid microextraction; Silver ions; Environmental water; Inductively coupled plasma emission spectroscop

KeyWords Plus: EXTRACTION; METAL; NANOPARTICLE; SEPARATION; TOXICITY

地址: [Wang, Chao; Li, Shuo; Sun, Peng; Yu, Zhao; Yang, Xue] Heilongjiang Bayi Agr Univ, Coll Food Sci, 5, Xinfeng Rd, Daqing 163319, Peoples R China.

[Li, Shuo; Sun, Peng; Yang, Xue] Natl Coarse Cereals Engr Res Ctr, Agr Prod & Processed Prod Supervis & Testing Ctr, Minist Agr, Daqing 163319, Peoples R China.

[Li, Shuo; Sun, Peng; Yang, Xue] Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R China.

通讯作者地址: Wang, C; Sun, P (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, 5, Xinfeng Rd, Daqing 163319, Peoples R China.

Sun, P (通讯作者), Natl Coarse Cereals Engr Res Ctr, Agr Prod & Processed Prod Supervis & Testing Ctr, Minist Agr, Daqing 163319, Peoples R China.

Sun, P (通讯作者), Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R China.

电子邮件地址: wangchao98@byau.edu.cn; byndsunpeng@163.com

研究方向: Biochemistry & Molecular Biology; Chemistry

ISSN: 1618-2642

eISSN: 1618-2650

输出日期: 2024-01-24

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### 第 4 条

标题: Anti-diabetic effects of natural and modified 'Ganzhou' navel orange peel pectin on type 2 diabetic mice *via* gut microbiota

作者: Du, C (Du, Chao); Zuo, F (Zuo, Feng); Cao, Y (Cao, Yang); Zang, YQ (Zang, Yanqing)

来源出版物: FOOD & FUNCTION 卷: 14 期: 24 页: 10977-10990

DOI: 10.1039/d3fo04118b 提前访问日期: NOV 2023 出版年: DEC 11 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001114839300001

文献类型: Article

KeyWords Plus: INFLAMMATION; METABOLITES; OBESITY; HEALTH; GLP-1

地址: [Du, Chao; Zuo, Feng; Cao, Yang; Zang, Yanqing] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R China.

---

[Du, Chao; Zuo, Feng; Cao, Yang; Zang, Yanqing] Natl Coarse Cereals Engn Res Ctr, Daqing, Heilongjiang, Peoples R China.

通讯作者地址: Cao, Y; Zang, YQ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R China.

Cao, Y; Zang, YQ (通讯作者), Natl Coarse Cereals Engn Res Ctr, Daqing, Heilongjiang, Peoples R China.

电子邮件地址: 18560729550@163.com; zuofeng-518@126.com;

heibadkcaoyang@163.com; byndzangyanqing@163.com

研究方向: Biochemistry & Molecular Biology; Food Science & Technology

ISSN: 2042-6496

eISSN: 2042-650X

输出日期: 2024-01-24

---

## 第 5 条

标题: High-quality maple genome reveals duplication-facilitated leaf color diversity

作者: Zhang, H (Zhang, Hua); Zhang, HY (Zhang, Haoyu); Wang, YG (Wang, Yongge); Wang, ML (Wang, Maoliang); Guo, H (Guo, Hao); Chan, Y (Chan, Yuan); Cong, RC (Cong, Richen); Zhao, SW (Zhao, Shiwei); Xie, JB (Xie, Jianbo)

来源出版物: PLANT SCIENCE 卷: 338 文献号: 111917

DOI: 10.1016/j.plantsci.2023.111917 提前访问日期: NOV 2023 出版年: JAN 2024

Web of Science 核心合集集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001127942100001

文献类型: Article

作者关键词: Acer truncatum; Genome Sequencing; UFGT; Genome duplication; Leaf color

**KeyWords Plus:** REGULATES ANTHOCYANIN BIOSYNTHESIS; FLAVONOIDS; ACCUMULATION; EXPRESSION; PIGMENTS; HISAT; TOOL

地址: [Zhang, Hua; Wang, Yongge; Wang, Maoliang; Cong, Richen; Zhao, Shiwei; Xie, Jianbo] Beijing Acad Forestry & Landscape Architecture, Beijing Key Lab Greening Plants Breeding, Beijing 100102, Peoples R China.

[Zhang, Haoyu; Xie, Jianbo] Beijing Forestry Univ, Coll Biol Sci & Technol, State Key Lab Tree Genet & Breeding, Beijing 100083, Peoples R China.

[Zhang, Haoyu; Xie, Jianbo] Beijing Forestry Univ, Coll Biol Sci & Technol, Key Lab Genet & Breeding Forest Trees & Ornamental, Minist Educ, 35 Qinghua East Rd, Beijing 100083, Peoples R China.

[Zhang, Haoyu; Xie, Jianbo] Beijing Forestry Univ, Natl Forestry & Grassland Adm, Tree & Ornamental Plant Breeding & Biotechnol Lab, 35 Tsinghua East Rd, Beijing 100083, Peoples R China.

[Guo, Hao; Chan, Yuan] Heilongjiang Bayi Agr Univ, Daqing, Heilongjiang, Peoples R China.

[Xie, Jianbo] Key Lab Hort Plant Genet & Improvement Jiangxi Pro, Nanchang, Jiangxi, Peoples R China.

通讯作者地址: Zhang, H; Xie, JB (通讯作者), Beijing Acad Forestry & Landscape Architecture, Beijing Key Lab Greening Plants Breeding, Beijing 100102, Peoples R China.

电子邮件地址: seastory@163.com; jbxie@bjfu.edu.cn

研究方向: Biochemistry & Molecular Biology; Plant Sciences

ISSN: 0168-9452



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**eISSN:** 1873-2259

输出日期: 2024-01-24

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## 第 6 条

**标题:** A novel RecJf Exo signal amplification strategy based on bioinformatics-assisted truncated aptamer for efficient fluorescence detection of AFB1

**作者:** Fan, YT (Fan, Yiting); Amin, K (Amin, Khalid); Jing, WD (Jing, Wendan); Lyu, B (Lyu, Bo); Wang, SA (Wang, Sainan); Fu, HL (Fu, Hongling); Yu, HS (Yu, Hansong); Yang, HH (Yang, Huanhuan); Li, JX (Li, Jiaxin)

**来源出版物:** INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

**卷:** 254 **文献号:** 128061 **DOI:** 10.1016/j.ijbiomac.2023.128061

**提前访问日期:** NOV 2023 **子辑:** 3 **出版年:** JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001120895900001

文献类型: Article

**作者关键词:** Aflatoxin B1; Computational simulations; RecJf exonuclease; Aptasensor; Fluorescence

**KeyWords Plus:** RESONANCE ENERGY-TRANSFER; AFLATOXIN-B1; APTASENSOR; BIOSENSOR; PEANUT

**地址:** [Fan, Yiting; Amin, Khalid; Jing, Wendan; Lyu, Bo; Wang, Sainan; Fu, Hongling; Yu, Hansong] Jilin Agr Univ, Coll Food Sci & Engn, Changchun 130118, Peoples R China.

[Fan, Yiting; Amin, Khalid; Jing, Wendan; Lyu, Bo; Wang, Sainan; Fu, Hongling; Yu, Hansong; Li, Jiaxin] Chinese Agr Res Syst, Soybean Res & Dev Ctr, Div Soybean Proc, Changchun 130118, Peoples R China.

[Yang, Huanhuan] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163000, Peoples R China.

[Yang, Huanhuan] Chang Chun Normal Univ, Coll Life Sci, Changchun 130032, Peoples R China.

[Li, Jiaxin] Univ Vigo, Fac Sci, Dept Analyt & Food Chem, Nutr & Bromatol Grp, Orense 32004, Spain.

**通讯作者地址:** Yu, HS (通讯作者), Jilin Agr Univ, Coll Food Sci & Engn, Changchun 130118, Peoples R China.

Yu, HS; Li, JX (通讯作者), Chinese Agr Res Syst, Soybean Res & Dev Ctr, Div Soybean Proc, Changchun 130118, Peoples R China.

Yang, HH (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163000, Peoples R China.

**电子邮件地址:** jingwd@jlau.edu.cn; yuhansong@163.com;

yanghuanhuan@ccsfu.edu.cn; li1997jiaxin@163.com

**研究方向:** Biochemistry & Molecular Biology; Chemistry; Polymer Science

**ISSN:** 0141-8130

**eISSN:** 1879-0003

输出日期: 2024-01-24

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## 第 7 条

**标题:** Effect of sodium alginate ice glazing on the quality of the freeze-thawed fish balls

**作者:** Li, WX (Li, Wenxin); Bai, X (Bai, Xue); Xia, XF (Xia, Xiufang); Chen, HS (Chen, Hongsheng)

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来源出版物: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES  
卷: 254 文献号: 128097 DOI: 10.1016/j.ijbiomac.2023.128097 提前访问日期: NOV 2023  
子辑: 3 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001120539700001

文献类型: Article

作者关键词: Ice glazing; Freeze-thaw cycle; Quality; Sodium alginate; Surface frost

**KeyWords Plus:** SHRIMP LITOPENAEUS-VANNAMEI; ANTIOXIDANT ACTIVITY;  
PROTEIN OXIDATION; FROZEN STORAGE; ESSENTIAL OILS; SHELF-LIFE;  
TEMPERATURE; OLIGOSACCHARIDES; TREHALOSE; CYCLES

地址: [Li, Wenxin; Bai, Xue; Xia, Xiufang] Northeast Agr Univ, Coll Food Sci, Harbin  
150030, Heilongjiang, Peoples R China.

[Chen, Hongsheng] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319,  
Heilongjiang, Peoples R China.

通讯作者地址: Xia, XF (通讯作者), Northeast Agr Univ, Coll Food Sci, Harbin 150030,  
Heilongjiang, Peoples R China.

Chen, HS (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319,  
Heilongjiang, Peoples R China.

电子邮件地址: xiaxiufang@neau.edu.cn; hsch0608@163.com

研究方向: Biochemistry & Molecular Biology; Chemistry; Polymer Science

ISSN: 0141-8130

eISSN: 1879-0003

输出日期: 2024-01-24

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## 第 8 条

标题: Vitexin Regulates Heat Shock Protein Expression by Modulating ROS Levels  
Thereby Protecting against Heat-Stress-Induced Apoptosis

作者: Wu, T (Wu, Tong); Sheng, YA (Sheng, Yanan); Tian, Y (Tian, Yu); Wang, CY  
(Wang, Changyuan)

来源出版物: MOLECULES 卷: 28 期: 22 文献号: 7639

DOI: 10.3390/molecules28227639 出版年: NOV 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001120765400001

文献类型: Article

作者关键词: vitexin; heat stress; ROS; heat shock protein; apoptosis

**KeyWords Plus:** INDUCED OXIDATIVE STRESS; SIGNALING PATHWAY;  
CANCER CELLS; INFLAMMATION; ACTIVATION; EXTRACT; HEALTH; HSP90;  
BRAIN; DEATH

地址: [Wu, Tong; Sheng, Yanan; Tian, Yu; Wang, Changyuan] Heilongjiang Bayi Agr  
Univ, Coll Food, Xinfeng Rd 5, Daqing 163319, Peoples R China.

[Wang, Changyuan] Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R  
China.

通讯作者地址: Wang, CY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Xinfeng  
Rd 5, Daqing 163319, Peoples R China.

Wang, CY (通讯作者), Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R  
China.

---

电子邮件地址: wutong@byau.edu.cn; syn0307@yeah.net;  
tianyu19971001@byau.edu.cn; byndwcy@byau.edu.cn  
研究方向: Biochemistry & Molecular Biology; Chemistry  
eISSN: 1420-3049  
输出日期: 2024-01-24

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### Science & Technology - Other Topics

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#### 第 1 条

标题: Anaerobic co-digestion of cabbage waste and cattle manure: Effect of mixing ratio and hydraulic retention time

作者: Yu, XH (Yu, Xinhui); Yan, L (Yan, Lei); Wang, HP (Wang, Haipeng); Bi, SJ (Bi, Shaojie); Zhang, FT (Zhang, Futao); Huang, SS (Huang, Sisi); Wang, YH (Wang, Yanhong); Wang, YJ (Wang, Yanjie)

来源出版物: RENEWABLE ENERGY 卷: 221 文献号: 119743

DOI: 10.1016/j.renene.2023.119743 出版年: FEB 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001132744700001

文献类型: Article

作者关键词: Biogas; Cabbage waste; Gompertz model; Mixing ratio; Hydraulic retention time; Model analysis

**KeyWords Plus:** CHICKEN MANURE; FOOD WASTE; PERFORMANCE; BATCH; INHIBITION; SLUDGE

地址: [Yu, Xinhui; Yan, Lei; Bi, Shaojie; Zhang, Futao; Huang, Sisi; Wang, Yanhong; Wang, Yanjie] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Heilongjiang Prov Key Lab Environm Microbiol & Rec, Daqing 163319, Peoples R China.

[Yu, Xinhui; Yan, Lei; Bi, Shaojie; Zhang, Futao; Huang, Sisi; Wang, Yanhong; Wang, Yanjie] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Key Lab Low Carbon Green Agr Northeastern China, Minist Agr & Rural Affairs PR China, Daqing 163319, Peoples R China.

[Wang, Haipeng] Harbin Inst Technol, Sch Environm, State Key Lab Urban Water Resource & Environm, Harbin 150090, Peoples R China.

通讯作者地址: Bi, SJ; Wang, YJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Heilongjiang Prov Key Lab Environm Microbiol & Rec, Daqing 163319, Peoples R China.

电子邮件地址: bishaojie1990@163.com; wangyanjie1972@163.com

研究方向: Science & Technology - Other Topics; Energy & Fuels

ISSN: 0960-1481

eISSN: 1879-0682

输出日期: 2024-01-24

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#### 第 2 条

标题: Pricing Decisions for Power Battery Closed-Loop Supply Chains with Low-Carbon Input by Echelon Utilization Enterprises

作者: Xu, N (Xu, Nan); Xu, YQ (Xu, Yaoqun); Zhong, HY (Zhong, Haiyan)

来源出版物: SUSTAINABILITY 卷: 15 期: 23 文献号: 16544

DOI: 10.3390/su152316544 出版年: DEC 2023

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**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001116182200001

文献类型: Article

作者关键词: closed-loop supply chain; Stackelberg game; low-carbon innovation; recovery rate of power battery; Nash equilibrium solution

**KeyWords Plus:** MODEL

地址: [Xu, Nan; Zhong, Haiyan] Harbin Univ Commerce, Sch Management, Harbin 150028, Peoples R China.

[Xu, Nan] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

[Xu, Yaoqun] Harbin Univ Commerce, Inst Syst Engn, Harbin 150028, Peoples R China.

通讯作者地址: Xu, YQ (通讯作者), Harbin Univ Commerce, Inst Syst Engn, Harbin 150028, Peoples R China.

电子邮件地址: xuaoe80@126.com; xuyq@hrbcu.edu.cn; zhonghaiyan0511@163.com

研究方向: Science & Technology - Other Topics; Environmental Sciences & Ecology

**eISSN:** 2071-1050

输出日期: 2024-01-24

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### 第 3 条

标题: Physiological mechanism beneath the inhibition of *Cleome spinosa* against the morphology and reproduction of *Fusarium oxysporum*

作者: Zhang, XZ (Zhang, Xingzhe); Meng, XH (Meng, Xianghai); Jiao, XD (Jiao, Xiaodan); Sa, R (Sa, Rina); Wang, BC (Wang, Baicheng); Wang, Z (Wang, Zhen); Li, JW (Li, Jiwen); Liu, D (Liu, Dong); Yang, B (Yang, Bing); Zou, CL (Zou, Chunlei); Zhang, YJ (Zhang, Yanju)

来源出版物: HELIYON 卷: 9 期: 12 文献号: e22622

**DOI:** 10.1016/j.heliyon.2023.e22622 出版年: DEC 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001127865400001

文献类型: Article

作者关键词: Cucumber wilt; *Cleome spinosa*; *Fusarium oxysporum*; Mycelia; Osmotic adjustment; Antioxidant enzymes

**KeyWords Plus:** SOIL MICROBIAL COMMUNITIES; PHYTOCHEMICAL COMPOSITION; CHEMICAL FUMIGATION; BIOFUMIGATION; EXTRACTS; IMPACTS; GROWTH; OILS; WILT

地址: [Zhang, Xingzhe; Meng, Xianghai; Wang, Baicheng; Yang, Bing] Heilongjiang Acad Agr Sci, Mudanjiang Branch, Mudanjiang, Peoples R China.

[Zhang, Xingzhe; Liu, Dong; Zhang, Yanju] Northeast Agr Univ, Coll Agron, Harbin, Peoples R China.

[Jiao, Xiaodan; Wang, Zhen; Li, Jiwen] Heilongjiang Plant Quarantine & Protect Stn, Harbin, Peoples R China.

[Sa, Rina] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing, Peoples R China.

[Zou, Chunlei] Shanxi Agr Univ, Coll Agron, Taigu, Peoples R China.

---

通讯作者地址: Zhang, YJ (通讯作者), Northeast Agr Univ, Coll Agron, Harbin, Peoples R China.

电子邮件地址: zhanguanju1968@163.com

研究方向: Science & Technology - Other Topics

eISSN: 2405-8440

输出日期: 2024-01-24

---

#### 第 4 条

标题: The effect of *Trichoderma harzianum* agents on physiological-biochemical characteristics of cucumber and the control effect against Fusarium wilt

作者: Lian, H (Lian, Hua); Li, RZ (Li, Runzhe); Ma, GS (Ma, Guangshu); Zhao, ZH (Zhao, Zhenghan); Zhang, T (Zhang, Ting); Li, M (Li, Mei)

来源出版物: SCIENTIFIC REPORTS 卷: 13 期: 1 文献号: 17606

DOI: 10.1038/s41598-023-44296-z 出版年: OCT 17 2023

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:001125354900002

文献类型: Article

KeyWords Plus: DEFENSE RESPONSES; GROWTH; BIOCONTROL; PROTECTION; DISEASE; VIRENS; PLANTS; SPP.

地址: [Lian, Hua; Li, Runzhe; Ma, Guangshu; Zhao, Zhenghan; Zhang, Ting] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Heilongjiang, Peoples R China.

[Li, Mei] Chinese Acad Agr Sci, Inst Plant Protect, Beijing 100193, Peoples R China.

[Li, Mei] Minist Agr & Rural Affairs, Key Lab Intergrated Pest Management Crops, Beijing 100193, Peoples R China.

通讯作者地址: Ma, GS (通讯作者), Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Heilongjiang, Peoples R China.

Li, M (通讯作者), Chinese Acad Agr Sci, Inst Plant Protect, Beijing 100193, Peoples R China.

Li, M (通讯作者), Minist Agr & Rural Affairs, Key Lab Intergrated Pest Management Crops, Beijing 100193, Peoples R China.

电子邮件地址: mgs\_lh@163.com; limei@caas.cn

研究方向: Science & Technology - Other Topics

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#### 第 5 条

标题: The effect of *Trichoderma harzianum* agents on physiological-biochemical characteristics of cucumber and the control effect against Fusarium wilt

作者: Lian, H (Lian, Hua); Li, RZ (Li, Runzhe); Ma, GS (Ma, Guangshu); Zhao, ZH (Zhao, Zhenghan); Zhang, T (Zhang, Ting); Li, M (Li, Mei)

来源出版物: SCIENTIFIC REPORTS 卷: 13 期: 1 文献号: 17606

DOI: 10.1038/s41598-023-44296-z 出版年: OCT 17 2023

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文献类型: Article

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**KeyWords Plus:** DEFENSE RESPONSES; PLANT-GROWTH; BIOCONTROL; PROTECTION; DROUGHT; DISEASE; STRESS; VIRENS; SPP.

地址: [Lian, Hua; Li, Runzhe; Ma, Guangshu; Zhao, Zhenghan; Zhang, Ting] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China.

[Li, Mei] Chinese Acad Agr Sci, Inst Plant Protect, Beijing 100193, Peoples R China.

[Li, Mei] Minist Agr & Rural Affairs, Key Lab Intergrated Pest Management Crops, Beijing 100193, Peoples R China.

通讯作者地址: Ma, GS (通讯作者), Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China.

Li, M (通讯作者), Chinese Acad Agr Sci, Inst Plant Protect, Beijing 100193, Peoples R China.

Li, M (通讯作者), Minist Agr & Rural Affairs, Key Lab Intergrated Pest Management Crops, Beijing 100193, Peoples R China.

电子邮件地址: mgs\_lh@163.com; limei@caas.cn

研究方向: Science & Technology - Other Topics

**ISSN:** 2045-2322

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## 第 6 条

标题: Isolation and characterization of bacterial cellulose produced from soybean whey and soybean hydrolyzate

作者: Liu, X (Liu, Xin); Cao, L (Cao, Liang); Wang, SN (Wang, Shenao); Huang, L (Huang, Li); Zhang, Y (Zhang, Yu); Tian, MY (Tian, Miaoyi); Li, XJ (Li, Xuejiao); Zhang, JY (Zhang, Jinyou)

来源出版物: SCIENTIFIC REPORTS 卷: 13 期: 1 文献号: 16024

**DOI:** 10.1038/s41598-023-42304-w 出版年: SEP 25 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001116558400017

文献类型: Article

地址: [Liu, Xin; Cao, Liang; Wang, Shenao; Huang, Li; Zhang, Yu; Tian, Miaoyi; Li, Xuejiao] Harbin Univ Sci & Technol, Sch Mat Sci & Chem Engr, Dept & Chem & Pharmaceut Engr, Harbin 150040, Peoples R China.

[Zhang, Jinyou] Heilongjiang Bayi Agr Univ, Daqing 163319, Peoples R China.

通讯作者地址: Liu, X (通讯作者), Harbin Univ Sci & Technol, Sch Mat Sci & Chem Engr, Dept & Chem & Pharmaceut Engr, Harbin 150040, Peoples R China.

电子邮件地址: xinliu98@126.com

研究方向: Science & Technology - Other Topics

**ISSN:** 2045-2322

输出日期: 2024-01-24

---

## 第 7 条

标题: Effects of concentration-dependent graphene on maize seedling development and soil nutrients

作者: Wang, SY (Wang, Shiya); Liu, Y (Liu, Ying); Wang, XY (Wang, Xinyi); Xiang, HT (Xiang, Hongtao); Kong, DY (Kong, Deyong); Wei, N (Wei, Na); Guo, W (Guo, Wei); Sun, HY (Sun, Haiyan)

来源出版物: SCIENTIFIC REPORTS 卷: 13 期: 1 文献号: 2650

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**DOI:** 10.1038/s41598-023-29725-3 出版年: FEB 14 2023

**Web of Science** 核心合集中的 "被引频次": 4

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入藏号: WOS:001100562500055

文献类型: Article

**KeyWords Plus:** SLOW-RELEASE; OXIDE; GROWTH; GERMINATION;  
TRANSPORTER; STRESS; CARBON

地址: [Wang, Shiya; Liu, Ying; Wang, Xinyi; Kong, Deyong; Wei, Na; Guo, Wei; Sun, Haiyan] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

[Sun, Haiyan] Heilongjiang Prov Key Lab Modern Agr Cultivat & G, Daqing 163319, Peoples R China.

[Guo, Wei] Minist Agr & Rural Affairs, Key Lab Low Carbon Green Agr Northeast Plain, Daqing 163319, Heilongjiang, Peoples R China.

[Xiang, Hongtao] Heilongjiang Acad Agr Machinery Sci, Suihua Branch, Suihua 152054, Peoples R China.

通讯作者地址: Guo, W; Sun, HY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

Sun, HY (通讯作者), Heilongjiang Prov Key Lab Modern Agr Cultivat & G, Daqing 163319, Peoples R China.

Guo, W (通讯作者), Minist Agr & Rural Affairs, Key Lab Low Carbon Green Agr Northeast Plain, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: agrigw@163.com; shysun7908@126.com

研究方向: Science & Technology - Other Topics

**ISSN:** 2045-2322

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## 第 8 条

标题: Maximizing output power and reducing tower oscillations: Controller design for a gearbox-free wind turbine

作者: Zhao, AL (Zhao, Aili); Qian, Q (Qian, Qian)

来源出版物: JOURNAL OF CLEANER PRODUCTION 卷: 427 文献号: 139100

**DOI:** 10.1016/j.jclepro.2023.139100 提前访问日期: OCT 2023 出版年: NOV 15 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001105549800001

文献类型: Article

作者关键词: Optimal control; Wind turbine; Gearbox; Modeling; Robust controller

**KeyWords Plus:** MAGNET SYNCHRONOUS GENERATOR; FED INDUCTION GENERATOR; DIRECT-DRIVE; ENERGY; MODEL; PREDICTION

地址: [Zhao, Aili] Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

[Qian, Qian] Sun life Co, Elect Engn Dept, Bangkok, Thailand.

通讯作者地址: Zhao, AL (通讯作者), Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: m15846399829\_1@163.com

研究方向: Science & Technology - Other Topics; Engineering; Environmental Sciences & Ecology

**ISSN:** 0959-6526

**eISSN:** 1879-1786

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输出日期: 2024-01-24

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**Environmental Sciences & Ecology**

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**第 1 条**

标题: An overview of characteristic factors of biochar as a soil improvement tool in rice growth- A review

作者: He, XL (He, Xiaolei); Yang, YR (Yang, Yunrui); Huang, BS (Huang, Baosen); Wang, ZH (Wang, Zhihui); Wang, MX (Wang, Mengxue)

来源出版物: ENVIRONMENTAL RESEARCH 卷: 242 文献号: 117794

DOI: 10.1016/j.envres.2023.117794 提前访问日期: DEC 2023 出版年: FEB 1 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001132427500001

文献类型: Review

作者关键词: Biochar; Pyrolysis; Soil improvement; Carbon; Feedstock; Carbonization

**KeyWords Plus:** GREENHOUSE-GAS EMISSIONS; BLACK CARBON; HYDROLOGICAL PROPERTIES; NUTRIENT DYNAMICS; FIELD EXPERIMENT; QUALITY; PYROLYSIS; AMENDMENT; IMPACT; YIELD

地址: [He, Xiaolei; Yang, Yunrui; Huang, Baosen; Wang, Zhihui] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China. [Wang, Mengxue] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

通讯作者地址: Wang, MX (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

电子邮件地址: wangmengxue1978@163.com

研究方向: Environmental Sciences & Ecology; Public, Environmental & Occupational Health

ISSN: 0013-9351

eISSN: 1096-0953

输出日期: 2024-01-24

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**第 2 条**

标题: Performance of halophytes in soil desalinization and its influencing factors: a meta-analysis

作者: Wang, SQ (Wang, Shiqi); Liu, JB (Liu, Jinbiao); Wang, YY (Wang, Yanyan); Liu, YL (Liu, Yalan); Tian, CY (Tian, Changyan)

来源出版物: FRONTIERS IN ENVIRONMENTAL SCIENCE 卷: 11

文献号: 1198540 DOI: 10.3389/fenvs.2023.1198540 出版年: DEC 5 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001127201800001

文献类型: Article

作者关键词: saline soil; soil salinity; halophytic; desalination; phytoremediation; phytodesalination

**KeyWords Plus:** SALINE-SODIC SOIL; SESUVIUM-PORTULACASTRUM; RESPONSE RATIOS; HEAVY-METAL; RESTORATION; TOLERANCE; WATER; PHYTOREMEDIATION; ACCUMULATION; CADMIUM



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地址: [Wang, Shiqi; Wang, Yanyan; Liu, Yalan; Tian, Changyan] Chinese Acad Sci, Xinjiang Inst Ecol & Geog, State Key Lab Desert & Oasis Ecol, Urumqi, Peoples R China.

[Wang, Shiqi; Wang, Yanyan; Liu, Yalan] Univ Chinese Acad Sci, Beijing, Peoples R China.

[Liu, Jinbiao] Heilongjiang Bayi Agr Univ, Coll Agron, Daqing, Peoples R China.

通讯作者地址: Tian, CY (通讯作者), Chinese Acad Sci, Xinjiang Inst Ecol & Geog, State Key Lab Desert & Oasis Ecol, Urumqi, Peoples R China.

Liu, JB (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agron, Daqing, Peoples R China.

电子邮件地址: liujin65@163.com; tianchy@ms.xjb.ac.cn

研究方向: Environmental Sciences & Ecology

eISSN: 2296-665X

输出日期: 2024-01-24

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### 第 3 条

标题: External magnetic field have significant effects on diversity of magnetotactic bacteria in sediments from Yangtze River, Chagan Lake and Zhalong Wetland in China

作者: Zhang, GJ (Zhang, Guojing); Liu, T (Liu, Tao); Zhao, D (Zhao, Dan); Sun, XD (Sun, Xindi); Xing, WJ (Xing, Weijia); Zhang, S (Zhang, Shuang); Yan, L (Yan, Lei)

来源出版物: ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY 卷: 266

文献号: 115604 DOI: 10.1016/j.ecoenv.2023.115604 出版年: NOV 1 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001099871800001

文献类型: Article

作者关键词: Magnetotactic bacteria; Magnetic field intensity; Phylogenetic diversity; High-throughput sequencing; Surfacewater sediment

KeyWords Plus: WATER; COMMUNITY; MAGNETOSOME; INDEXES; TEMPERATURE; EXPRESSION; VIABILITY

地址: [Zhang, Guojing; Liu, Tao; Zhao, Dan; Sun, Xindi; Xing, Weijia; Zhang, Shuang; Yan, Lei] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Heilongjiang Prov Key Lab Environm Microbiol & Rec, Daqing 163319, Heilongjiang, Peoples R China.

[Liu, Tao; Yan, Lei] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Key Lab Low Carbon Green Agr Northeastern China, Minist Agr & Rural Affairs PR China, Daqing 163319, Peoples R China.

通讯作者地址: Yan, L (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Heilongjiang Prov Key Lab Environm Microbiol & Rec, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: hekouyanlei@gmail.com

研究方向: Environmental Sciences & Ecology; Toxicology

ISSN: 0147-6513

eISSN: 1090-2414

输出日期: 2024-01-24

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### 第 4 条

标题: STUDY ON SOYBEAN WATER DEMAND AND IRRIGATION SCHEDULE IN WESTERN HEILONGJIANG PROVINCE BASED ON CROPWAT MODEL

作者: Dong, JX (Dong, J. X.); Lin, YY (Lin, Y. Y.); Yi, SJ (Yi, S. J.); Nie, TZ (Nie, T. Z.)

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来源出版物: APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH

DOI: 10.15666/aeer/2201\_443458 提前访问日期: OCT 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001136953700001

文献类型: Article; Early Access

作者关键词: soybean; hydrological year; water demand; irrigation system; CROPWAT mode

地址: [Dong, J. X.] Northeast Petr Univ, Sch Econ & Management, Daqing 163318, Heilongjiang, Peoples R China.

[Lin, Y. Y.] Heilongjiang Bayi Agr Univ, Coll Civil Engn & Water Conservancy, Daqing 163319, Heilongjiang, Peoples R China.

[Yi, S. J.] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Heilongjiang, Peoples R China.

[Yi, S. J.] Minist Educ, Engn Res Ctr Proc & Utilizat Grain By Prod, Daqing 163319, Heilongjiang, Peoples R China.

[Nie, T. Z.] Heilongjiang Univ, Sch Water Conservancy & Elect Power, Harbin 150080, Heilongjiang, Peoples R China.

通讯作者地址: Lin, YY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Civil Engn & Water Conservancy, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: linyanyu0828@163.com

研究方向: Environmental Sciences & Ecology

ISSN: 1589-1623

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输出日期: 2024-01-24

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## 第 5 条

标题: CHANGES IN LAND USE TYPES AFFECT SOIL BACTERIAL COMMUNITIES AND DIVERSITIES IN THE SANJIANG PLAIN, NORTHEAST OF CHINA

作者: Jiao, F (Jiao, F.); Zhang, JY (Zhang, J. Y.); Zhang, D (Zhang, D.); Chen, Y (Chen, Y.); Wu, JH (Wu, J. H.)

来源出版物: APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH

页: 115-127 DOI: 10.15666/aeer/2201\_115127 提前访问日期: OCT 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001115820800001

文献类型: Article; Early Access

作者关键词: wetlands; land use patterns; soil bacteria; community diversity; function prediction

KeyWords Plus: NITROGEN; WETLAND; MARSHES; BIOMASS; CARBON

地址: [Jiao, F.; Zhang, J. Y.; Zhang, D.; Chen, Y.; Wu, J. H.] Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Jiao, F (通讯作者), Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: jiaofeng\_1980@126.com

研究方向: Environmental Sciences & Ecology

ISSN: 1589-1623

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---

## 第 6 条

标题: Glutathione-dependent redox homeostasis is critical for chlorothalonil detoxification in tomato leaves

作者: Yu, GB (Yu, Gao-Bo); Tian, J (Tian, Jin); Chen, RN (Chen, Ru-Nan); Liu, HL (Liu, Han-Lin); Wen, BW (Wen, Bo-Wen); Wei, JP (Wei, Jin-Peng); Chen, QS (Chen, Qiu-sen); Chen, FQ (Chen, Feng-qiong); Sheng, YY (Sheng, Yun-yan); Yang, FJ (Yang, Feng-Jun); Ren, CY (Ren, Chun-Yuan); Zhang, YX (Zhang, Yu-Xian); Ahammed, GJ (Ahammed, Golam Jalal)

来源出版物: ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY 卷: 268

文献号: 115732 DOI: 10.1016/j.ecoenv.2023.115732 提前访问日期: NOV 2023

出版年: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001125134500001

文献类型: Article

作者关键词: Glutathione; Chlorothalonil; Pesticide residue; Redox homeostasis; MiRNA

**KeyWords Plus:** NITRIC-OXIDE; TRANSCRIPTION FACTORS; LIPID-PEROXIDATION; ASCORBIC-ACID; CHLOROPLASTS; ARABIDOPSIS; METABOLISM; TOLERANCE; REDUCTASE; SYSTEM

地址: [Yu, Gao-Bo; Tian, Jin; Liu, Han-Lin; Wen, Bo-Wen; Wei, Jin-Peng; Chen, Qiu-sen; Chen, Feng-qiong; Sheng, Yun-yan; Yang, Feng-Jun; Ren, Chun-Yuan; Zhang, Yu-Xian] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Heilongjiang Pr, Peoples R China.

[Chen, Ru-Nan] Hainan Univ, Haikou 570228, Hainan Province, Peoples R China.

[Ahammed, Golam Jalal] Henan Univ Sci & Technol, Coll Hort & Plant Protect, Luoyang 471023, Peoples R China.

[Ahammed, Golam Jalal] Henan Int Joint Lab Stress Resistance Regulat & Sa, Luoyang 471023, Peoples R China.

[Yu, Gao-Bo] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China.

通讯作者地址: Ahammed, GJ (通讯作者), Henan Univ Sci & Technol, Coll Hort & Plant Protect, Luoyang 471023, Peoples R China.

Yu, GB (通讯作者), Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China.

电子邮件地址: yugaobo81@163.com; ahammed@haust.edu.cn

研究方向: Environmental Sciences & Ecology; Toxicology

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## Engineering

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## 第 1 条

标题: Comparative study on the screening performance of a vibrating screen with and without a kneading device, based on the discrete element method

作者: Tian, S (Tian, Shuai); Wang, YS (Wang, Yaoshen); Zhao, W (Zhao, Wei);

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Zhang, Q (Zhang, Qiang); Wang, SB (Wang, Sibao); Lang, JM (Lang, Jinming); Xia, RJ (Xia, Renjie); Song, J (Song, Jiang); Song, WP (Song, Wenpeng)

来源出版物: POWDER TECHNOLOGY 卷: 434 文献号: 119301

DOI: 10.1016/j.powtec.2023.119301 出版年: FEB 1 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001142628900001

文献类型: Article

作者关键词: Discrete element method; Screening efficiency; Mass of deposited particles; Kneading device; Vibrating screen; Fritillaria ussuriensis maxim

**KeyWords Plus:** EFFICIENCY; OPTIMIZATION; PARAMETERS; DEM

地址: [Tian, Shuai; Wang, Yaoshen; Zhao, Wei; Zhang, Qiang; Wang, Sibao; Lang, Jinming; Xia, Renjie; Song, Jiang] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

[Song, Wenpeng] Jilin Univ, Coll Geexplorat Sci & Technol, Changchun 130012, Peoples R China.

通讯作者地址: Song, J (通讯作者), Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

电子邮件地址: songjiang@byau.edu.cn

研究方向: Engineering

ISSN: 0032-5910

eISSN: 1873-328X

输出日期: 2024-01-24

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## 第 2 条

标题: Modeling temperature change and water migration of unsaturated soils under seasonal freezing-thawing conditions

作者: Wang, ZG (Wang, Zhiguo); Fu, SB (Fu, Shibo); Zhao, XF (Zhao, Xuefeng); Jiang, W (Jiang, Wei); Liu, GL (Liu, Gongliang); Li, D (Li, Dong); Qi, HB (Qi, Hanbing)

来源出版物: COLD REGIONS SCIENCE AND TECHNOLOGY 卷: 218

文献号: 104074 DOI: 10.1016/j.coldregions.2023.104074 出版年: FEB 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001126974800001

文献类型: Article

作者关键词: Seasonally frozen soil; Frost heave; Freezing depth; Coupled analysis

**KeyWords Plus:** HIGH-SPEED RAILWAY; FROST HEAVE; COUPLED HEAT; SUBGRADE; PERFORMANCE; SIMULATION; MOISTURE; REGIONS; PILES

地址: [Wang, Zhiguo; Fu, Shibo; Jiang, Wei; Li, Dong; Qi, Hanbing] Northeast Petr Univ, Sch Architecture & Civil Engn, Fazhan Lu St, Daqing 163318, Peoples R China. [Zhao, Xuefeng] Daqing Oilfield Co Ltd, Zhongyuan Lu St, Daqing 163712, Peoples R China.

[Jiang, Wei; Liu, Gongliang] Heilongjiang Bayi Agr Univ, Coll Civil Engn & Water Conservancy, Xinfeng Lu St, Daqing 163319, Peoples R China.

通讯作者地址: Jiang, W (通讯作者), Northeast Petr Univ, Sch Architecture & Civil Engn, Fazhan Lu St, Daqing 163318, Peoples R China.

电子邮件地址: jiangwei429@126.com

研究方向: Engineering; Geology

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**ISSN:** 0165-232X  
**eISSN:** 1872-7441  
输出日期: 2024-01-24

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### 第 3 条

**标题:** Modeling and calculation of shear capacity of prestressed high strength concrete beams with web reinforcement based on BIM  
**作者:** Liu, GD (Liu, Guide); Liu, GL (Liu, Gongliang); Jiang, W (Jiang, Wei)  
**来源出版物:** AIN SHAMS ENGINEERING JOURNAL 卷: 15 期: 1  
**文献号:** 102360 **DOI:** 10.1016/j.asej.2023.1023602090-4479 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001128561700001

文献类型: Article

**作者关键词:** BIM model; High strength concrete; Shear bearing capacity; Finite element model

**KeyWords Plus:** BEHAVIOR

**地址:** [Liu, Guide; Liu, Gongliang; Jiang, Wei] Heilongjiang Bayi Agr Univ, Coll Civil Engn & Water Conservancy, Daqing 163319, Heilongjiang, Peoples R China.

**通讯作者地址:** Liu, GL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Civil Engn & Water Conservancy, Daqing 163319, Heilongjiang, Peoples R China.

**电子邮件地址:** pincaozhi2@163.com

**研究方向:** Engineering

**ISSN:** 2090-4479

**eISSN:** 2090-4495

输出日期: 2024-01-24

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### 第 4 条

**标题:** Analysis of collision damage of *Fritillaria ussuriensis* Maxim during drum screening

**作者:** Song, J (Song, Jiang); Wang, YS (Wang, Yaoshen); Xia, RJ (Xia, Renjie); Tian, S (Tian, Shuai); Wang, SB (Wang, Sibao); Bian, JY (Bian, Jingyang); Han, X (Han, Xia); Wang, M (Wang, Ming); Yi, SJ (Yi, Shujuan)

**来源出版物:** JOURNAL OF FOOD PROCESS ENGINEERING 卷: 47 期: 1

**文献号:** e14531 **DOI:** 10.1111/jfpe.14531 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001139908500001

文献类型: Article

**作者关键词:** absorbed energy; collision damage; drum screening; *Fritillaria ussuriensis* Maxim; mass-loss ratio

**KeyWords Plus:** IMPACT; SURFACE

**地址:** [Song, Jiang; Wang, Yaoshen; Xia, Renjie; Tian, Shuai; Wang, Sibao; Han, Xia; Wang, Ming; Yi, Shujuan] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing, Peoples R China.

[Bian, Jingyang] Heilongjiang Acad Agr Sci, Daqing Branch, Daqing, Peoples R China.

[Yi, Shujuan] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R

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China.

通讯作者地址: Yi, SJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Engrn, Daqing 163319, Peoples R China.

电子邮件地址: llhsj770313@163.com

研究方向: Engineering; Food Science & Technology

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## Food Science & Technology

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### 第 1 条

标题: Non-thermal plasma enhances rice seed germination, seedling development, and root growth under low-temperature stress

作者: Bian, JY (Bian, Jing-Yang); Guo, XY (Guo, Xiao-Yu); Lee, DH (Lee, Dong Hun); Sun, XR (Sun, Xing-Rong); Liu, LS (Liu, Lin-Shuai); Shao, K (Shao, Kai); Liu, K (Liu, Kai); Sun, HN (Sun, Hu-Nan); Kwon, T (Kwon, Taeho)

来源出版物: APPLIED BIOLOGICAL CHEMISTRY 卷: 67 期: 1

文献号: 2 DOI: 10.1186/s13765-023-00852-9 出版年: JAN 3 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001135230400002

文献类型: Article

作者关键词: Non-thermal plasma; Rice (*Oryza sativa* L.) root; Antioxidant enzyme; Growth-regulating factor

KeyWords Plus: PRESSURE PLASMA; IDENTIFICATION; BIOSYNTHESIS; SOIL

地址: [Bian, Jing-Yang; Sun, Xing-Rong; Liu, Lin-Shuai; Shao, Kai; Liu, Kai] Heilongjiang Acad Agr Sci, Daqing Branch, Daqing 163319, Heilongjiang, Peoples R China.

[Guo, Xiao-Yu; Sun, Hu-Nan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Stem Cell & Regenerat Biol Lab, Daqing 163319, Heilongjiang, Peoples R China.

[Lee, Dong Hun] Chonnam Natl Univ, Res Ctr Ecomimet, Dept Biol Sci, Gwangju 61186, South Korea.

[Kwon, Taeho] Korea Res Inst Biosci & Biotechnol KRIBB, Primate Resources Ctr, Jeongeup Si 56216, Jeonbuk, South Korea.

[Kwon, Taeho] Korea Univ Sci & Technol UST, KRIBB Sch Biosci, Dept Funct Genom, Daejeon 34113, South Korea.

通讯作者地址: Sun, HN (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Stem Cell & Regenerat Biol Lab, Daqing 163319, Heilongjiang, Peoples R China.

Kwon, T (通讯作者), Korea Res Inst Biosci & Biotechnol KRIBB, Primate Resources Ctr, Jeongeup Si 56216, Jeonbuk, South Korea.

Kwon, T (通讯作者), Korea Univ Sci & Technol UST, KRIBB Sch Biosci, Dept Funct Genom, Daejeon 34113, South Korea.

电子邮件地址: sunhunan76@163.com; kwon@kribb.re.kr

研究方向: Food Science & Technology

ISSN: 2468-0834

eISSN: 2468-0842

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输出日期: 2024-01-24

---

## 第 2 条

标题: Preparation of Glutamine-Enriched Fermented Feed from Corn Gluten Meal and Its Functionality Evaluation

作者: Fan, L (Fan, Lei); Liu, XL (Liu, Xiaolan); Deng, YP (Deng, Yongping); Zheng, XQ (Zheng, Xiqun)

来源出版物: FOODS 卷: 12 期: 23 文献号: 4336 DOI: 10.3390/foods12234336

出版年: DEC 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001116143200001

文献类型: Article

作者关键词: by-product; glutamine peptide; intestinal health; gut microbiota

**KeyWords Plus:** DIETARY GLUTAMINE; ALANYL-GLUTAMINE; SUPPLEMENTATION; PERFORMANCE; HYDROLYSIS; MICROBIOTA

地址: [Fan, Lei; Liu, Xiaolan] Harbin Univ Commerce, Coll Food Engn, Harbin 150076, Peoples R China.

[Liu, Xiaolan; Deng, Yongping] Qiqihar Univ, Coll Food & Bioengn, Key Lab Corn Deep Proc Theory & Technol Heilongjia, Qiqihar 161006, Peoples R China.

[Zheng, Xiqun] Heilongjiang Bayi Agr Univ, Coll Food, Daqing 163319, Peoples R China.

通讯作者地址: Liu, XL (通讯作者), Harbin Univ Commerce, Coll Food Engn, Harbin 150076, Peoples R China.

Liu, XL (通讯作者), Qiqihar Univ, Coll Food & Bioengn, Key Lab Corn Deep Proc Theory & Technol Heilongjia, Qiqihar 161006, Peoples R China.

Zheng, XQ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Daqing 163319, Peoples R China.

电子邮件地址: 2023940923@qqhru.edu.cn; 01275@qqhru.edu.cn;

913913\_monkey@163.com; zhengxiqun@byau.edu.cn

研究方向: Food Science & Technology

eISSN: 2304-8158

输出日期: 2024-01-24

---

## 第 3 条

标题: A Label-Free Aptasensor for Turn-On Fluorescent Detection of Aflatoxin B1 Based on an Aggregation-Induced-Emission-Active Probe and Single-Walled Carbon Nanohorns

作者: Yang, HH (Yang, Huanhuan); Lv, L (Lv, Lei); Niu, MY (Niu, Mengyu); Zhang, DJ (Zhang, Dongjie); Guo, ZJ (Guo, Zhijun)

来源出版物: FOODS 卷: 12 期: 23 文献号: 4332 DOI: 10.3390/foods12234332

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**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001116097100001

文献类型: Article

作者关键词: aflatoxin B1; aptasensor; aggregation-induced emission; single-walled carbon nanohorns

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**KeyWords Plus:** B-1; NANOPARTICLES; SENSOR; ASSAY

地址: [Yang, Huanhuan; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163000, Peoples R China.

[Yang, Huanhuan] Changchun Normal Univ, Coll Life Sci, Changchun 130032, Peoples R China.

[Lv, Lei; Niu, Mengyu; Guo, Zhijun] Yanbian Univ, Coll Agr, Yanji 133002, Peoples R China.

通讯作者地址: Zhang, DJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163000, Peoples R China.

Guo, ZJ (通讯作者), Yanbian Univ, Coll Agr, Yanji 133002, Peoples R China.

电子邮件地址: yanghuanhuan@ccsfu.edu.cn; lvlei@ybu.edu.cn; myniu@ybu@163.com; zhangdongjie@byau.edu.cn; zjguo@ybu.edu.cn

研究方向: Food Science & Technology

eISSN: 2304-8158

输出日期: 2024-01-24

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#### 第 4 条

标题: Screening and Activity Analysis of  $\alpha$ -Glucosidase Inhibitory Peptides Derived from Coix Seed Prolamins Using Bioinformatics and Molecular Docking

作者: Li, ZM (Li, Zhiming); Zhang, S (Zhang, Shu); Meng, WH (Meng, Weihong); Zhang, JY (Zhang, Jiayu); Zhang, DJ (Zhang, Dongjie)

来源出版物: FOODS 卷: 12 期: 21 文献号: 3970 DOI: 10.3390/foods12213970

出版年: NOV 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001103320000001

文献类型: Article

作者关键词: hypoglycemic peptide; coix seed prolamins; alpha-glucosidase; structure-activity relationship; stability of activity

**KeyWords Plus:** ANTIOXIDANT ACTIVITIES; BIOACTIVE PEPTIDES; FUNCTIONAL-PROPERTIES; PROTEIN; IDENTIFICATION; HYDROLYSIS; STABILITY

地址: [Li, Zhiming; Zhang, Shu; Meng, Weihong; Zhang, Jiayu; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food, Xinfeng Lu 5, Daqing 163319, Peoples R China.

[Zhang, Dongjie] Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R China.

[Zhang, Dongjie] Key Lab Agroprod Proc & Qual Safety Heilongjiang P, Daqing 163319, Peoples R China.

通讯作者地址: Zhang, DJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Xinfeng Lu 5, Daqing 163319, Peoples R China.

Zhang, DJ (通讯作者), Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Peoples R China.

Zhang, DJ (通讯作者), Key Lab Agroprod Proc & Qual Safety Heilongjiang P, Daqing 163319, Peoples R China.

电子邮件地址: lizhiming1998@126.com; zshu996@163.com; mengweihong0423@126.com; zjy\_1997@outlook.com; byndzdj@126.com

研究方向: Food Science & Technology

eISSN: 2304-8158



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**Plant Sciences**

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**第 1 条**

标题: A *Glycine soja* S1 group bZIP transcription factor

GsbZIP43 is a positive regulator of sodium bicarbonate stress tolerance

作者: Jia, BW (Jia, Bowei); Ren, H (Ren, Hao); Wu, SY (Wu, Shengyang); Wu, T (Wu, Tong); Li, Y (Li, Yuan); Cui, HL (Cui, Hongli); Chen, C (Chen, Chao); Chen, X (Chen, Xi); Bi, YD (Bi, Yingdong); Sun, XL (Sun, Xiaoli); Sun, MZ (Sun, Mingzhe)

来源出版物: ENVIRONMENTAL AND EXPERIMENTAL BOTANY 卷: 217

文献号: 105551 DOI: 10.1016/j.envexpbot.2023.105551 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001115120000001

文献类型: Article

作者关键词: GsbZIP43; Wild soybean; Sodium bicarbonate stress; Transcription factor

**KeyWords Plus:** MEDIATED TRANSFORMATION; LIPID-PEROXIDATION; PLANT TOLERANCE; DNA-BINDING; PROTEIN; SALT; ROOTS; HETERODIMERIZATION; EXPRESSION

地址: [Jia, Bowei; Wu, Tong; Li, Yuan; Cui, Hongli; Chen, Xi; Sun, Xiaoli; Sun, Mingzhe] Heilongjiang Bayi Agr Univ, Coll Agr, Crop Stress Mol Biol Lab, Daqing 163319, Peoples R China.

[Jia, Bowei; Ren, Hao; Wu, Shengyang] Northeast Agr Univ, Key Lab Germplasm Enhancement Physiol & Ecol Food, Minist Educ, Harbin 150030, Peoples R China.

[Chen, Chao] Harbin Normal Univ, Harbin 150500, Peoples R China.

[Bi, Yingdong] Heilongjiang Acad Agr Sci, Inst Crop Cultivat & Tillage, Harbin 150028, Peoples R China.

通讯作者地址: Sun, XL; Sun, MZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Crop Stress Mol Biol Lab, Daqing 163319, Peoples R China.

电子邮件地址: sunxiaoli2016@byau.edu.cn; kaik127@163.com

研究方向: Plant Sciences; Environmental Sciences & Ecology

ISSN: 0098-8472

eISSN: 1873-7307

输出日期: 2024-01-24

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**第 2 条**

标题: *Bacillus velezensis* K-9 as a Potential Biocontrol Agent for Managing Potato Scab

作者: Ma, S (Ma, Shuang); Wang, YJ (Wang, Yanjie); Teng, W (Teng, Wang)

来源出版物: PLANT DISEASE DOI: 10.1094/PDIS-12-22-2829-RE

提前访问日期: DEC 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001126719500001

文献类型: Article; Early Access

作者关键词: *Bacillus velezensis*; biocontrol; genome analysis; potato; potato scab

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**KeyWords Plus:** INDUCED SYSTEMIC RESISTANCE; COMMON SCAB; PLANT-GROWTH; PROMOTION; NOV.

地址: [Ma, Shuang; Teng, Wang] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

[Wang, Yanjie] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Daqing 163319, Peoples R China.

通讯作者地址: Wang, YJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Daqing 163319, Peoples R China.

电子邮件地址: wangyanjie1972@163.com

研究方向: Plant Sciences

**ISSN:** 0191-2917

**eISSN:** 1943-7692

输出日期: 2024-01-24

---

### 第 3 条

标题: Genome- and transcriptome-wide identification of trehalose-6-phosphate phosphatases (<i>TPP</i>) gene family and their expression patterns under abiotic stress and exogenous trehalose in soybean

作者: Shao, WJ (Shao, Wenjing); Zhang, XL (Zhang, Xinlin); Zhou, ZH (Zhou, Zhiheng); Ma, Y (Ma, Yue); Chu, D (Chu, Duo); Wang, L (Wang, Lei); Yang, YM (Yang, Yiming); Du, L (Du, Lin); Du, YL (Du, Yanli); Du, JD (Du, Jidao); Zhao, Q (Zhao, Qiang)

来源出版物: BMC PLANT BIOLOGY 卷: 23 期: 1 文献号: 641

**DOI:** 10.1186/s12870-023-04652-7 出版年: DEC 12 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001123746400001

文献类型: Article

作者关键词: Trehalose-6-phosphate phosphatase (TPP); Soybean; Expression pattern; Abiotic stress; Saline-alkali stress; Trehalose

**KeyWords Plus:** SALT STRESS; TOLERANCE; RICE; METABOLISM; OVEREXPRESSION; EVOLUTION; SYNTHASE; DATABASE

地址: [Shao, Wenjing; Zhang, Xinlin; Zhou, Zhiheng; Ma, Yue; Chu, Duo; Wang, Lei; Yang, Yiming; Du, Lin; Du, Yanli; Du, Jidao; Zhao, Qiang] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Heilongjiang, Peoples R China.

[Du, Yanli; Du, Jidao; Zhao, Qiang] Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Du, JD; Zhao, Q (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Heilongjiang, Peoples R China.

Du, JD; Zhao, Q (通讯作者), Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: djbynd@163.com; zqiang0416@hotmail.com

研究方向: Plant Sciences

**ISSN:** 1471-2229

输出日期: 2024-01-24

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### 第 4 条

标题: The conserved evolution of plant H plus -ATPase family and the involvement of soybean H plus -ATPases in sodium bicarbonate stress responses

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作者: Jia, BW (Jia, Bowei); Cui, HL (Cui, Hongli); Zhang, DJ (Zhang, Dajian); Hu, BS (Hu, Bingshuang); Li, Y (Li, Yuan); Shen, Y (Shen, Yang); Cai, XX (Cai, Xiaoxi); Sun, XL (Sun, Xiaoli); Sun, MZ (Sun, Mingzhe)

来源出版物: PLANT PHYSIOLOGY AND BIOCHEMISTRY 卷: 204

文献号: 108133 DOI: 10.1016/j.plaphy.2023.108133 出版年: NOV 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001103689400001

文献类型: Article

作者关键词: H plus -ATPases; Plasma membrane; Soybean; Sodium bicarbonate stress; Proton pump

**KeyWords Plus:** MEMBRANE; TOLERANCE; MECHANISM; EFFLUX; ROOTS; ROLES; PUMPS; K+

地址: [Jia, Bowei; Cui, Hongli; Hu, Bingshuang; Li, Yuan; Shen, Yang; Cai, Xiaoxi; Sun, Xiaoli; Sun, Mingzhe] Heilongjiang Bayi Agr Univ, Coll Agr, Crop Stress Mol Biol Lab, Daqing 163319, Peoples R China.

[Jia, Bowei] Northeast Agr Univ, Key Lab Germplasm Enhancement Physiol & Ecol Food, Minist Educ, Harbin 150030, Peoples R China.

[Zhang, Dajian] Shandong Agr Univ, Coll Agron, State Key Lab Crop Biol, Tai An 271018, Peoples R China.

通讯作者地址: Sun, XL; Sun, MZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Agr, Crop Stress Mol Biol Lab, Daqing 163319, Peoples R China.

电子邮件地址: sunxiaoli2016@byau.edu.cn; kaik127@163.com

研究方向: Plant Sciences

ISSN: 0981-9428

eISSN: 1873-2690

输出日期: 2024-01-24

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## Automation & Control Systems

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### 第 1 条

标题: Recursive filtering for an uncertain system with wireless switching channels and fading measurements: A microseismic event detection method

作者: Dai, DY (Dai, Dongyan); Li, JH (Li, Jiahui); Li, HY (Li, Hanyang); Dong, HL (Dong, Hongli); Li, H (Li, Hang); Xu, G (Xu, Gang)

来源出版物: SYSTEMS & CONTROL LETTERS 卷: 183 文献号: 105692

DOI: 10.1016/j.sysconle.2023.105692 提前访问日期: NOV 2023 出版年: JAN 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001129084300001

文献类型: Article

作者关键词: Microseismic system; Arrival time picking; Recursive filtering; Switching channel; Fading measurement

**KeyWords Plus:** TIME PICKING METHOD; SOURCE LOCATION; STABILITY; OIL

地址: [Dai, Dongyan; Li, Jiahui; Li, Hanyang; Dong, Hongli; Li, Hang] Northeast Petr Univ, Artificial Intelligence Energy Res Inst, Daqing 163318, Peoples R China.

[Dai, Dongyan; Li, Jiahui; Li, Hanyang; Dong, Hongli; Li, Hang] Northeast Petr Univ, Sanya Offshore Oil & Gas Res Inst, Sanya 572025, Peoples R China.

---

[Dai, Dongyan] Heilongjiang Bayi Agr Univ, Sch Sci, Daqing 163319, Peoples R China.

[Dai, Dongyan; Li, Jiahui; Li, Hanyang; Dong, Hongli; Li, Hang] Northeast Petr Univ, Heilongjiang Prov Key Lab Networking & Intelligent, Daqing 163318, Peoples R China.

[Xu, Gang] China Natl Petr Corp, Bur Geophys Prospecting INC, Zhuozhou 072750, Peoples R China.

通讯作者地址: Li, JH (通讯作者), Northeast Petr Univ, Artificial Intelligence Energy Res Inst, Daqing 163318, Peoples R China.

电子邮件地址: jiahui\_luck@163.com

研究方向: Automation & Control Systems; Operations Research & Management Science

**ISSN:** 0167-6911

**eISSN:** 1872-7956

输出日期: 2024-01-24

---

## 第 2 条

标题: Application of improved Stacking ensemble learning in NIR spectral modeling of corn seed germination rate

作者: Hao, XJ (Hao, Xiaojin); Chen, ZG (Chen, Zhengguang); Yi, SJ (Yi, Shujuan); Liu, JM (Liu, Jinming)

来源出版物: CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS 卷: 243

文献号: 105020 DOI: 10.1016/j.chemolab.2023.105020 提前访问日期: NOV 2023

出版年: DEC 15 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001111932100001

文献类型: Article

作者关键词: Near-infrared spectroscopy; Stacking ensemble learning; Genetic algorithm; Model optimization

地址: [Hao, Xiaojin; Chen, Zhengguang; Liu, Jinming] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engr, Daqing 163319, Peoples R China.

[Yi, Shujuan] Heilongjiang Bayi Agr Univ, Coll Engr, Daqing 163319, Peoples R China.

通讯作者地址: Chen, ZG (通讯作者), Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engr, Daqing 163319, Peoples R China.

电子邮件地址: ruzee@byau.edu.cn

研究方向: Automation & Control Systems; Chemistry; Computer Science; Instruments & Instrumentation; Mathematics

**ISSN:** 0169-7439

**eISSN:** 1873-3239

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## Cell Biology

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## 第 1 条

标题: Epitope screening and vaccine molecule design of PRRSV GP3 and GP5 protein based on immunoinformatics

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作者: Liu, DY (Liu, Dongyu); Chen, YP (Chen, Yaping)  
来源出版物: JOURNAL OF CELLULAR AND MOLECULAR MEDICINE  
DOI: 10.1111/jcmm.18103 提前访问日期: JAN 2024  
**Web of Science** 核心合集中的 "被引频次": 0  
被引频次合计: 0  
入藏号: WOS:001142647300001  
文献类型: Article; Early Access  
作者关键词: GP3; GP5; immunoinformatics; porcine reproductive and respiratory syndrome virus; vaccine candidate  
**KeyWords Plus:** RESPIRATORY SYNDROME VIRUS; CHINA  
地址: [Liu, Dongyu; Chen, Yaping] Heilongjiang Bayi Agr Univ, Daqing, Peoples R China.  
[Chen, Yaping] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.  
通讯作者地址: Chen, YP (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.  
电子邮件地址: 873148492@qq.com  
研究方向: Cell Biology; Research & Experimental Medicine  
**ISSN:** 1582-1838  
输出日期: 2024-01-24

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## 第 2 条

标题: Identification and diagnostic potential of serum microRNAs as biomarkers for early detection of Alzheimer's disease  
作者: Han, YH (Han, Ying-Hao); Xiang, HY (Xiang, Hong-Yi); Lee, DH (Lee, Dong Hun); Feng, L (Feng, Lin); Sun, HN (Sun, Hu -Nan); Jin, MH (Jin, Mei-Hua); Kwon, T (Kwon, Taeho)  
来源出版物: AGING-US 卷: 15 期: 21 页: 12085-12103 出版年: NOV 15 2023  
**Web of Science** 核心合集中的 "被引频次": 0  
被引频次合计: 0  
入藏号: WOS:001108610100035  
文献类型: Article  
作者关键词: Alzheimer's disease; serum; microRNA; diagnostic models; biomarkers  
**KeyWords Plus:** EXPRESSION  
地址: [Han, Ying-Hao; Xiang, Hong-Yi; Feng, Lin; Sun, Hu -Nan; Jin, Mei-Hua] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Daqing, Peoples R China.  
[Lee, Dong Hun] Chonnam Natl Univ, Res Ctr Ecomimet, Dept Biol Sci, Gwangju, South Korea.  
[Kwon, Taeho] Korea Res Inst Biosci & Biotechnol KRIBB, Primate Resources Ctr, Jeongeup, Jeonbuk, South Korea.  
[Kwon, Taeho] Univ Sci & Technol, KRIBB Sch Biosci, Dept Funct Genom, Daejeon, South Korea.  
通讯作者地址: Han, YH; Jin, MH (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Daqing, Peoples R China.  
Kwon, T (通讯作者), Korea Res Inst Biosci & Biotechnol KRIBB, Primate Resources Ctr, Jeongeup, Jeonbuk, South Korea.  
Kwon, T (通讯作者), Univ Sci & Technol, KRIBB Sch Biosci, Dept Funct Genom, Daejeon, South Korea.  
电子邮件地址: hyhbynd@163.com; meihuajin7311@163.com; kwon@kribb.re.kr

---

研究方向: Cell Biology; Geriatrics & Gerontology

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## Chemistry

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### 第 1 条

标题: Synthesis and characterization of pH-responsive deep eutectic solvent followed by HPLC for trace determination of bisphenol A in water samples

作者: Cao, LL (Cao, Lili); Li, Y (Li, Yukaidi)

来源出版物: JOURNAL OF SEPARATION SCIENCE

DOI: 10.1002/jssc.202300776 提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001116584400001

文献类型: Article; Early Access

作者关键词: bisphenol A; high-performance liquid chromatography; liquid phase microextraction; pH-responsive deep eutectic solvent; water analysis

**KeyWords Plus:** LIQUID-LIQUID MICROEXTRACTION; SOLID-PHASE EXTRACTION; CHROMATOGRAPHY; DERIVATIVES; MIXTURES

地址: [Cao, Lili; Li, Yukaidi] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing, Heilongjiang, Peoples R China.

[Cao, Lili] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Cao, LL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: caoliligy@163.com

研究方向: Chemistry

ISSN: 1615-9306

eISSN: 1615-9314

输出日期: 2024-01-24

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### 第 2 条

标题: Effects of eugenol on the structure and gelling properties of myofibrillar proteins under hydroxyl radical-induced oxidative stress

作者: Pan, DY (Pan, Deyin); Ma, JM (Ma, Jinming); Diao, JJ (Diao, Jingjing); Li, JQ (Li, Jiaqi); Chen, HS (Chen, Hongsheng)

来源出版物: FOOD CHEMISTRY-X 卷: 20 文献号: 100946

DOI: 10.1016/j.fochx.2023.100946 提前访问日期: NOV 2023 出版年: DEC 30 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001106256200001

文献类型: Article

作者关键词: Eugenol; Protein oxidation; Myofibrillar protein; Rheology; Water distribution

**KeyWords Plus:** ANTIMICROBIAL ACTIVITY; SYSTEMS; MEAT; EXTRACTS; GELATION; ACID; FOOD

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地址: [Pan, Deyin; Ma, Jinming; Diao, Jingjing; Li, Jiaqi; Chen, Hongsheng]  
Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R  
China.

[Pan, Deyin; Ma, Jinming; Diao, Jingjing; Li, Jiaqi; Chen, Hongsheng] Heilongjiang  
Food & Biotechnol Innovat & Res Ctr I, Daqing 163319, Heilongjiang, Peoples R  
China.

通讯作者地址: Chen, HS (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci,  
Daqing 163319, Heilongjiang, Peoples R China.

电子邮件地址: hsch0608@163.com

研究方向: Chemistry; Food Science & Technology

ISSN: 2590-1575

输出日期: 2024-01-24

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### Biotechnology & Applied Microbiology

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#### 第 1 条

标题: <i>Bacillus subtilis</i> JATP-3 Improves Nitrogen Metabolism by Regulating  
Intestinal Flora and AKG in Weaned Piglets

作者: He, F (He, Feng); Jin, XY (Jin, Xueying); Sun, KC (Sun, Kecheng); Zhao, L  
(Zhao, Lei); Yang, WY (Yang, Wenyan); Zhang, XF (Zhang, Xuefeng); Dong, XQ  
(Dong, Xiaoqing); Zhao, Y (Zhao, Yuan); Pan, L (Pan, Li); Bao, N (Bao, Nan); Sun, H  
(Sun, Hui)

来源出版物: PROBIOTICS AND ANTIMICROBIAL PROTEINS

DOI: 10.1007/s12602-023-10196-x 提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001121715100001

文献类型: Article; Early Access

作者关键词: Multi-omics analysis; *Bacillus subtilis* JATP-3; Weaned piglets; Nitrogen  
metabolism; Alpha-ketoglutaric acid

**KeyWords Plus:** GUT MICROBIOTA; ALPHA-KETOGLUTARATE;  
GROWTH-PERFORMANCE

地址: [He, Feng; Jin, Xueying; Sun, Kecheng; Yang, Wenyan; Zhang, Xuefeng; Dong,  
Xiaoqing; Zhao, Yuan; Pan, Li; Bao, Nan; Sun, Hui] Jilin Agr Univ, Coll Anim Sci &  
Technol, 2888 Xincheng St, Changchun 130118, Peoples R China.

[He, Feng; Jin, Xueying; Sun, Kecheng; Yang, Wenyan; Zhang, Xuefeng; Dong,  
Xiaoqing; Zhao, Yuan; Pan, Li; Bao, Nan; Sun, Hui] Jilin Agr Univ, Minist Educ, Lab  
Anim Prod & Qual Secur, Changchun 130118, Peoples R China.

[He, Feng; Jin, Xueying; Sun, Kecheng; Yang, Wenyan; Zhang, Xuefeng; Dong,  
Xiaoqing; Zhao, Yuan; Pan, Li; Bao, Nan; Sun, Hui] Jilin Agr Univ, Jilin Prov Key Lab  
Anim Nutr & Feed Sci, Changchun, Peoples R China.

[Zhao, Lei] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319,  
Heilongjiang, Peoples R China.

通讯作者地址: Sun, H (通讯作者), Jilin Agr Univ, Coll Anim Sci & Technol, 2888  
Xincheng St, Changchun 130118, Peoples R China.

Sun, H (通讯作者), Jilin Agr Univ, Minist Educ, Lab Anim Prod & Qual Secur,  
Changchun 130118, Peoples R China.

Sun, H (通讯作者), Jilin Agr Univ, Jilin Prov Key Lab Anim Nutr & Feed Sci,  
Changchun, Peoples R China.

电子邮件地址: hui1688@163.com

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研究方向: Biotechnology & Applied Microbiology; Microbiology

ISSN: 1867-1306

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### Gastroenterology & Hepatology

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#### 第 1 条

标题: Protein *O*-GlcNAcylation: The sweet hub in liver metabolic flexibility from a (patho)physiological perspective

作者: Hu, YJ (Hu, Ya-Jie); Zhang, X (Zhang, Xu); Lv, HM (Lv, Hong-Ming); Liu, Y (Liu, Yang); Li, SZ (Li, Shi-Ze)

来源出版物: LIVER INTERNATIONAL DOI: 10.1111/liv.15812

提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001127023900001

文献类型: Review; Early Access

作者关键词: insulin signal; liver cancer; metabolism; nonalcoholic fatty liver disease; O-GlcNAcylation

**KeyWords Plus:** HEXOSAMINE BIOSYNTHETIC-PATHWAY; GLCNAC TRANSFERASE OGT; GLUCOSE-METABOLISM; HEPATOCELLULAR-CARCINOMA; LIPID-METABOLISM; X RECEPTOR; SUBSTRATE RECOGNITION; LINKING METABOLISM; CELL-PROLIFERATION; HEPATIC GLUCOSE

地址: [Hu, Ya-Jie; Zhang, Xu; Lv, Hong-Ming; Liu, Yang; Li, Shi-Ze] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Bovine Dis Control Northeast China, Minist Agr & Rural Affairs Peoples Republ China, Daqing, Peoples R China.

[Liu, Yang; Li, Shi-Ze] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Minist Agr & Rural Affairs Peoples Republ China, Key Lab Bovine Dis Control Northeast China, 5 Xinfeng Rd, Daqing, Heilongjiang, Peoples R China.

通讯作者地址: Liu, Y; Li, SZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Minist Agr & Rural Affairs Peoples Republ China, Key Lab Bovine Dis Control Northeast China, 5 Xinfeng Rd, Daqing, Heilongjiang, Peoples R China.

电子邮件地址: lymissive@163.com; byndlsz@163.com

研究方向: Gastroenterology & Hepatology

ISSN: 1478-3223

输出日期: 2024-01-24

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### General & Internal Medicine

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#### 第 1 条

标题: Total flavones from *Sonchus arvensis* L. ameliorate colitis by adjusting the gut microbiota

作者: Ren, YC (Ren, Yachao); Hou, SH (Hou, Shenghua); He, J (He, Jing); Chang, ND (Chang, Naidan); Zhang, ZC (Zhang, Zecai); Zhou, YL (Zhou, Yulong)

来源出版物: ANNALS OF MEDICINE 卷: 55 期: 2 文献号: 2292246

DOI: 10.1080/07853890.2023.2292246 出版年: DEC 12 2023



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**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001126362600001

文献类型: Article

作者关键词: *Sonchus arvensis* L.; ulcerative colitis; gut microbiota; dextran sulphate sodium; flavones

**KeyWords Plus:** INFLAMMATORY BOWEL DISEASES; ULCERATIVE-COLITIS; PATHOGENESIS; COMBINATION; BACTERIA; MEDICINE; HISTORY

地址: [Ren, Yachao] Tianjin Univ Technol, Sch Chem & Chem Engr, Tianjin 300000, Peoples R China.

[Ren, Yachao; Hou, Shenghua; He, Jing; Chang, Naidan] Harbin Med Univ Daqing, Daqing, Peoples R China.

[Zhang, Zecai; Zhou, Yulong] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Technol, Daqing 163319, Peoples R China.

通讯作者地址: Ren, YC (通讯作者), Tianjin Univ Technol, Sch Chem & Chem Engr, Tianjin 300000, Peoples R China.

Zhang, ZC; Zhou, YL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Technol, Daqing 163319, Peoples R China.

电子邮件地址: renyachao2015@126.com; zczhang89@126.com;

zhouyulong1980@163.com

研究方向: General & Internal Medicine

**ISSN:** 0785-3890

**eISSN:** 1365-2060

输出日期: 2024-01-24

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### Infectious Diseases

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#### 第 1 条

标题: Prevalence and Molecular Evolution of Parvovirus in Cats in Eastern Shandong, China, between 2021 and 2022

作者: Wang, JY (Wang, Jingyu); Yan, ZR (Yan, Zhirong); Liu, HR (Liu, Haoran); Wang, WJ (Wang, Wenjie); Liu, YK (Liu, Yakun); Zhu, X (Zhu, Xu); Tian, LL (Tian, Lili); Zhao, JJ (Zhao, Jianjun); Peng, QS (Peng, Qisheng); Bi, ZW (Bi, Zhenwei)

来源出版物: TRANSBOUNDARY AND EMERGING DISEASES 卷: 2024

文献号: 5514806 DOI: 10.1155/2024/5514806 出版年: JAN 5 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001142074000001

文献类型: Article

**KeyWords Plus:** FELINE PANLEUKOPENIA VIRUS; CANINE PARVOVIRUS; STRAINS; IDENTIFICATION; RECOMBINATION; OUTBREAK; KITTENS; DOGS; PCR

地址: [Wang, Jingyu; Yan, Zhirong; Liu, Haoran; Peng, Qisheng] Jilin Univ, Inst Zoonosis, Key Lab Zoonosis Res, State Key Lab Diag & Treatment Severe Zoonot Infec, Changchun 130062, Peoples R China.

[Wang, Jingyu; Yan, Zhirong; Liu, Haoran; Peng, Qisheng] Jilin Univ, Coll Vet Med, Changchun 130062, Peoples R China.

[Wang, Jingyu; Wang, Wenjie; Liu, Yakun; Bi, Zhenwei] Jiangsu Acad Agr Sci, Inst Vet Med, Key Lab Vet Biol Engr & Technol, Minist Agr & Rural Affairs, Nanjing

---

210014, Jiangsu, Peoples R China.  
[Wang, Wenjie] Jiangsu Agrarian Husb Vocat Coll, Sch Pet Sci & Technol, Taizhou 225300, Jiangsu, Peoples R China.  
[Liu, Yakun; Zhao, Jianjun] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing, Heilongjiang, Peoples R China.  
[Zhu, Xu] Shanghai GlinX Biotechnol Co Ltd, Shanghai 200050, Peoples R China.  
[Tian, Lili] Linyi Vocat Univ Sci & Technol, Dept Modern Agr, Linyi 276025, Shandong, Peoples R China.  
[Bi, Zhenwei] GuoTai Taizhou Ctr Technol Innovat Vet Biol, Taizhou 225300, Jiangsu, Peoples R China.  
通讯作者地址: Peng, QS (通讯作者), Jilin Univ, Inst Zoonosis, Key Lab Zoonosis Res, State Key Lab Diag & Treatment Severe Zoonot Infec, Changchun 130062, Peoples R China.  
Peng, QS (通讯作者), Jilin Univ, Coll Vet Med, Changchun 130062, Peoples R China.  
Bi, ZW (通讯作者), Jiangsu Acad Agr Sci, Inst Vet Med, Key Lab Vet Biol Engn & Technol, Minist Agr & Rural Affairs, Nanjing 210014, Jiangsu, Peoples R China.  
Bi, ZW (通讯作者), GuoTai Taizhou Ctr Technol Innovat Vet Biol, Taizhou 225300, Jiangsu, Peoples R China.  
电子邮件地址: jingyu21@mails.jlu.edu.cn; 642268063@qq.com;  
haoran20000511@163.com; wjwang2015@163.com; 910386496@qq.com;  
xu.zhu@glinxbio.com; 582719690@qq.com; zhaojianjun@byau.edu.cn;  
pengqs@jlu.edu.cn; bizhenwei@126.com  
研究方向: Infectious Diseases; Veterinary Sciences  
**ISSN:** 1865-1674  
**eISSN:** 1865-1682  
输出日期: 2024-01-24

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## Instruments & Instrumentation

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### 第 1 条

标题: Rapid determination of rice protein content using near-infrared spectroscopy coupled with feature wavelength selection

作者: Liu, JM (Liu, Jinming); Luo, X (Luo, Xin); Zhang, DJ (Zhang, Dongjie); Wang, CQ (Wang, Chunqi); Chen, ZG (Chen, Zhengguang); Zhao, XY (Zhao, Xiaoyu)

来源出版物: INFRARED PHYSICS & TECHNOLOGY 卷: 135 文献号: 104969

DOI: 10.1016/j.infrared.2023.104969 提前访问日期: NOV 2023 出版年: DEC 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001107180200001

文献类型: Article

作者关键词: Protein content; Near -infrared spectroscopy; Feature wavelengths; Backward interval partial least squares; Genetic simulated annealing algorithm; Simulated annealing binary particle swarm; optimization algorithm

地址: [Liu, Jinming; Luo, Xin; Chen, Zhengguang; Zhao, Xiaoyu] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

[Liu, Jinming] Heilongjiang Bayi Agr Univ, Postdoctoral Mobile Stn Agr Engn, Daqing 163319, Peoples R China.

[Zhang, Dongjie] Natl Coarse Cereals Engn Technol Ctr, Daqing 163319, Peoples R China.

[Zhang, Dongjie; Wang, Chunqi] Heilongjiang Bayi Agr Univ, Coll Food, Daqing

---

163319, Peoples R China.

通讯作者地址: Liu, JM (通讯作者), Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

Zhang, DJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Daqing 163319, Peoples R China.

电子邮件地址: jinmingliu2008@126.com; byndzdzj@126.com

研究方向: Instruments & Instrumentation; Optics; Physics

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输出日期: 2024-01-24

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## Microbiology

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### 第 1 条

标题: A survey of fecal virome and bacterial community of the diarrhea-affected cattle in northeast China reveals novel disease-associated ecological risk factors

作者: Zhu, QH (Zhu, Qinghe); Qi, SS (Qi, Shanshan); Guo, DH (Guo, Donghua); Li, CQ (Li, Chunqiu); Su, MJ (Su, Mingjun); Wang, JF (Wang, Jianfa); Li, ZJ (Li, Zijian); Yang, D (Yang, Dan); Sun, HB (Sun, Haibo); Wang, XR (Wang, Xiaoran); Wang, MJ (Wang, Meijiao); Wu, HY (Wu, Haoyang); Yu, SP (Yu, Shiping); Bai, WF (Bai, Wenfei); Zhang, YC (Zhang, Yongchen); Yang, X (Yang, Xu); Jiang, LM (Jiang, Limin); Liu, JY (Liu, Jiaying); Zhao, YY (Zhao, Yingying); Xing, XX (Xing, Xiaoxu); Shi, D (Shi, Da); Feng, L (Feng, Li); Sun, DB (Sun, Dongbo)

来源出版物: MSYSTEMS DOI: 10.1128/msystems.00842-23

提前访问日期: DEC 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001130042200001

文献类型: Article; Early Access

作者关键词: cattle; diarrhea; disease ecology; virome; bacterial community

**KeyWords Plus:** DNA VIRUSES; MOLECULAR EPIDEMIOLOGY; IMMUNE-RESPONSE; CALF MORTALITY; GUT; IDENTIFICATION; CALVES; PICORNAVIRUSES; INFECTIONS; ASTROVIRUS

地址: [Zhu, Qinghe; Qi, Shanshan; Guo, Donghua; Li, Chunqiu; Su, Mingjun; Wang, Jianfa; Li, Zijian; Yang, Dan; Sun, Haibo; Wang, Xiaoran; Wang, Meijiao; Wu, Haoyang; Yu, Shiping; Bai, Wenfei; Zhang, Yongchen; Yang, Xu; Jiang, Limin; Liu, Jiaying; Zhao, Yingying; Xing, Xiaoxu; Sun, Dongbo] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Heilongjiang Prov Key Lab Prevent & Control Bovine, Key Lab Bovine Dis Control Northeast China, Minist, Daqing, Peoples R China.

[Shi, Da; Feng, Li] Chinese Acad Agr Sci, Harbin Vet Res Inst, State Key Lab Vet Biotechnol, Harbin, Peoples R China.

通讯作者地址: Sun, DB (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Heilongjiang Prov Key Lab Prevent & Control Bovine, Key Lab Bovine Dis Control Northeast China, Minist, Daqing, Peoples R China.

电子邮件地址: dongbosun@126.com

研究方向: Microbiology

ISSN: 2379-5077

输出日期: 2024-01-24

---

第 1 条

标题: Preparation and characterization of soluble dietary fiber from tiger nut residues, showing enhanced antioxidant activity and metal-ion-binding properties

作者: Wang, WH (Wang, Weihao); Quan, ZG (Quan, Zhigang); Kou, F (Kou, Fang); Zhang, SL (Zhang, Shenglong); Cao, LK (Cao, Longkui); Zhang, Z (Zhang, Zhi)

来源出版物: FRONTIERS IN NUTRITION 卷: 10 文献号: 1275473

DOI: 10.3389/fnut.2023.1275473 出版年: DEC 12 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001134965700001

文献类型: Article

作者关键词: superfine grinding; soluble dietary fiber; preparation; structure; activity

地址: [Wang, Weihao] Northeast Forestry Univ, Sch Forestry, Harbin, Peoples R China.

[Wang, Weihao; Cao, Longkui] Heilongjiang Bayi Agr Univ, Natl Coarse Cereals Engr Res Ctr, Daqing, Peoples R China.

[Wang, Weihao; Quan, Zhigang; Kou, Fang; Cao, Longkui] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing, Peoples R China.

[Kou, Fang] Gangneung Wonju Natl Univ, Dept Marine Food Sci & Technol, Kangnung, South Korea.

[Zhang, Shenglong] Heilongjiang Guohong Energy Saving & Environm Prot, Harbin, Peoples R China.

[Zhang, Zhi] Northeast Forestry Univ, Sch Life Sci, Harbin 150040, Peoples R China.

通讯作者地址: Cao, LK (通讯作者), Heilongjiang Bayi Agr Univ, Natl Coarse Cereals Engr Res Ctr, Daqing, Peoples R China.

Cao, LK (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing, Peoples R China.

Zhang, Z (通讯作者), Northeast Forestry Univ, Sch Life Sci, Harbin 150040, Peoples R China.

电子邮件地址: caolongkui2013@163.com; ldzhangzhi@163.com

研究方向: Nutrition & Dietetics

ISSN: 2296-861X

输出日期: 2024-01-24

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第 1 条

标题: Double image encryption based on a hybrid phase-truncation scheme

作者: Luan, GY (Luan, Guangyu); Quan, CG (Quan, Chenggen)

来源出版物: JOURNAL OF MODERN OPTICS

DOI: 10.1080/09500340.2023.2295372 提前访问日期: JUN 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001126859600001

文献类型: Article; Early Access

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作者关键词: Optical image encryption; double image encryption; hybrid phase truncation

**KeyWords Plus:** CHOSEN-PLAINTEXT ATTACK; ASYMMETRIC CRYPTOSYSTEM; RETRIEVAL ALGORITHM; TRANSFORM; INTERFERENCE; PLANE

地址: [Luan, Guangyu] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing, Peoples R China.

[Luan, Guangyu; Quan, Chenggen] Natl Univ Singapore, Dept ofMechan Engr, Singapore, Singapore.

[Luan, Guangyu] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163319, Heilongjiang, Peoples R China.

[Luan, Guangyu] Natl Univ Singapore, Dept Mech Engr, 9 Engr Dr 1, Singapore 117576, Singapore.

通讯作者地址: Luan, GY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163319, Heilongjiang, Peoples R China.

Luan, GY (通讯作者), Natl Univ Singapore, Dept Mech Engr, 9 Engr Dr 1, Singapore 117576, Singapore.

电子邮件地址: luanguangyu@126.com

研究方向: Optics

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输出日期: 2024-01-24

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## Parasitology

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### 第 1 条

标题: Study on genetic characteristics of *Cryptosporidium* isolates and first report of *C. parvum* IIdA24G2 subtype in dairy cattle in China

作者: Qin, HK (Qin, Huikai); Lang, JS (Lang, Jiashu); Zhang, KH (Zhang, Kaihui); Zhang, AH (Zhang, Aihui); Chen, YC (Chen, Yuancai); Fu, Y (Fu, Yin); Wang, CR (Wang, Chunren); Zhang, LX (Zhang, Longxian)

来源出版物: PARASITOLOGY RESEARCH 卷: 123 期: 1

文献号: 81 DOI: 10.1007/s00436-023-08107-8 出版年: JAN 2024

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001137691300001

文献类型: Article

作者关键词: Cryptosporidium spp.; Dairy cattle; Zoonotic; Subtype; Public health

**KeyWords Plus:** ENTEROCYTOZON-BIENEUSI; MOLECULAR CHARACTERIZATION; GIARDIA-DUODENALIS; SPP.; PREVALENCE; CALVES; DIAGNOSTICS; GENOTYPES; WILDLIFE; VECTORS

地址: [Qin, Huikai; Lang, Jiashu; Zhang, Kaihui; Chen, Yuancai; Fu, Yin; Zhang, Longxian] Longzihu Univ Area, Henan Agr Univ, Coll Vet Med, Zhengzhou 450046, Peoples R China.

[Qin, Huikai; Lang, Jiashu; Zhang, Kaihui; Chen, Yuancai; Fu, Yin; Zhang, Longxian] Int Joint Res Lab Zoonot Dis Henan, Zhengzhou 450046, Henan, Peoples R China.

[Qin, Huikai; Lang, Jiashu; Zhang, Kaihui; Chen, Yuancai; Fu, Yin; Zhang, Longxian] Minist Agr & Rural Affairs, Key Lab Qual & Safety Control Poultry Prod Zhengzh, Zhengzhou, Peoples R China.

---

[Zhang, Aihui; Wang, Chunren] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Bovine Dis Control Northeast China, Minist Agr & Rural affairs, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Zhang, LX (通讯作者), Longzihu Univ Area, Henan Agr Univ, Coll Vet Med, Zhengzhou 450046, Peoples R China.

Zhang, LX (通讯作者), Int Joint Res Lab Zoonot Dis Henan, Zhengzhou 450046, Henan, Peoples R China.

Zhang, LX (通讯作者), Minist Agr & Rural Affairs, Key Lab Qual & Safety Control Poultry Prod Zhengzh, Zhengzhou, Peoples R China.

电子邮件地址: qinhk0205@126.com; Langjiashu1998@163.com; zkh15886723100@163.com; zhangaihui2090@163.com; 2546070427@qq.com; fuywdyx@163.com; chunrenwang@sohu.com; zhanglx8999@henau.edu.cn

研究方向: Parasitology

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## Research & Experimental Medicine

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### 第 1 条

标题: Role of SIRT2 in intestinal barrier under cold exposure

作者: Guo, JR (Guo, Jingru); Xu, J (Xu, Jing); Chen, LC (Chen, Leichong); Chen, Z (Chen, Zhuo); Hu, HJ (Hu, Huijie); Nie, JS (Nie, Junshu); Yuan, JB (Yuan, Jianbin); Ma, L (Ma, Li); Lu, JJ (Lu, Jingjing); Ji, H (Ji, Hong); Xu, B (Xu, Bin)

来源出版物: LIFE SCIENCES 卷: 330 文献号: 121949

DOI: 10.1016/j.lfs.2023.121949 出版年: OCT 1 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001097741300001

文献类型: Article

作者关键词: SIRT2; Tight junction; Intestinal barrier; Autophagy; ER stress; FoxO1

**KeyWords Plus:** INFLAMMATION; STRESS; CELLS; FOXO1

地址: [Guo, Jingru; Xu, Jing; Chen, Leichong; Chen, Zhuo; Hu, Huijie; Nie, Junshu; Yuan, Jianbin; Ma, Li; Lu, Jingjing; Ji, Hong; Xu, Bin] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Bovine Dis Control Northeast China, Heilongjiang Prov Key Lab Prevent & Control Bovine, Daqing 163319, Peoples R China.

通讯作者地址: Xu, B (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Bovine Dis Control Northeast China, Heilongjiang Prov Key Lab Prevent & Control Bovine, Daqing 163319, Peoples R China.

电子邮件地址: byndyjb@byau.edu.cn; xubin@byau.edu.cn

研究方向: Research & Experimental Medicine; Pharmacology & Pharmacy

ISSN: 0024-3205

eISSN: 1879-0631

输出日期: 2024-01-24

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## Spectroscopy

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### 第 1 条

标题: Application of Improved Random Frog Algorithm in Fast Identification of Soybean Varieties

作者: Li, W (Li Wei); Tan, F (Tan Feng); Zhang, W (Zhang Wei); Gao, LS (Gao Lu-si); Li, JS (Li Jin-shan)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 43 期: 12  
页: 3763-3769 DOI: 10.3964/j.issn.1000-0593(2023)12-3763-07 出版年: DEC 2023

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001114713100016

文献类型: Article

作者关键词: Raman spectroscopy; Soybean; Characteristic wavelength selection; Random frog; LASSO

地址: [Li Wei; Zhang Wei] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

[Tan Feng] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163319, Peoples R China.

[Gao Lu-si] Heilongjiang Acad Agr Sci, Suihua Branch, Suihua 152052, Peoples R China.

[Li Jin-shan] Daqing Green Agr Prod Monitor Ctr, Daqing 163311, Peoples R China.

通讯作者地址: Tan, F (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163319, Peoples R China.

电子邮件地址: liwei601@126.com; tf1972@163.com

研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2024-01-24

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## Thermodynamics

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### 第 1 条

标题: Solar oil refinery: Solar-driven hybrid chemical cracking of residual oil towards efficiently upgrading fuel and abundantly generating hydrogen

作者: Li, CY (Li, Chaoying); Wang, M (Wang, Meng); Li, NA (Li, Nana); Gu, D (Gu, Di); Yan, C (Yan, Chao); Yuan, DD (Yuan, Dandan); Jiang, H (Jiang, Hong); Wang, BH (Wang, Baohui); Wang, XR (Wang, Xirui)

来源出版物: ENERGY CONVERSION AND MANAGEMENT 卷: 300

文献号: 117900 DOI: 10.1016/j.enconman.2023.117900 提前访问日期: NOV 2023  
出版年: JAN 15 2024

**Web of Science** 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001125867300001

文献类型: Article

作者关键词: Solar energy; Solar oil refining; Residual oil cracking; Upgrading fuel; Thermo-and electrochemical cracking

**KeyWords Plus:** THERMAL ELECTROCHEMICAL PRODUCTION; LOOPING

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PARTIAL OXIDATION; STEAM-GASIFICATION; VACUUM RESIDUE; REACTOR EXPERIMENTATION; CARBONACEOUS MATERIALS; POWER; HEAT; CONVERSION; CHEMISTRY

地址: [Li, Chaoying; Wang, Meng; Li, Nana; Gu, Di; Yan, Chao; Yuan, Dandan; Jiang, Hong; Wang, Baohui] Northeast Petr Univ, Inst New Energy Chem & Environm Sci, Coll Chem & Chem Engr, Daqing 163318, Peoples R China.

[Li, Chaoying] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163318, Peoples R China.

[Wang, Xirui] George Washington Univ, Dept Chem, Washington, DC 20052 USA.

通讯作者地址: Wang, BH (通讯作者), Northeast Petr Univ, Inst New Energy Chem & Environm Sci, Coll Chem & Chem Engr, Daqing 163318, Peoples R China.

Wang, XR (通讯作者), George Washington Univ, Dept Chem, Washington, DC 20052 USA.

电子邮件地址: wangbh@nepu.edu.cn; fagelink@gmail.com

研究方向: Thermodynamics; Energy & Fuels; Mechanics

ISSN: 0196-8904

eISSN: 1879-2227

输出日期: 2024-01-24

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## Veterinary Sciences

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### 第 1 条

标题: Preparation of *Escherichia coli* ghost of anchoring bovine *Pasteurella multocida* OmpH and its immunoprotective effect

作者: Chen, NN (Chen, Nannan); Jiang, DJ (Jiang, Dongjun); Liu, Y (Liu, Yu); Zhang, ZC (Zhang, Zecai); Zhou, YL (Zhou, Yulong); Zhu, ZB (Zhu, Zhanbo)

来源出版物: BMC VETERINARY RESEARCH 卷: 19 期: 1 文献号: 192

DOI: 10.1186/s12917-023-03743-9 出版年: OCT 6 2023

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:001113646000001

文献类型: Article

作者关键词: *Pasteurella multocida*; OMPH; Ghost; Lytic gene E; Phage PhiX174 RF1; *Escherichia coli*

**KeyWords Plus:** MEMBRANE-PROTEIN-H; OUTER-MEMBRANE; HEMORRHAGIC SEPTICEMIA; BACTERIAL GHOSTS; FOWL CHOLERA; VACCINE; PROTECTION; EXPRESSION; MICE; DNA

地址: [Chen, Nannan; Liu, Yu; Zhang, Zecai; Zhou, Yulong; Zhu, Zhanbo] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

[Liu, Yu; Zhang, Zecai; Zhou, Yulong; Zhu, Zhanbo] Minist Agr & Rural Affairs, Key Lab Bovine Dis Control Northeast China, Daqing 163319, Peoples R China.

[Jiang, Dongjun] Jining Med Univ, Inst Mental Hlth, Shandong Collaborat Innovat Ctr Diag Treatment & B, Jining 272067, Peoples R China.

[Jiang, Dongjun] Jining Med Univ, Sch Mental Hlth, Shandong Key Lab Behav Med, Jining 272067, Peoples R China.

[Liu, Yu; Zhang, Zecai; Zhou, Yulong; Zhu, Zhanbo] Engr Res Ctr Prevent & Control Cattle Dis, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Zhu, ZB (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

Zhu, ZB (通讯作者), Minist Agr & Rural Affairs, Key Lab Bovine Dis Control Northeast



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China, Daqing 163319, Peoples R China.  
Zhu, ZB (通讯作者), Engn Res Ctr Prevent & Control Cattle Dis, Daqing 163319,  
Heilongjiang, Peoples R China.  
电子邮件地址: zhanbozhu@byau.edu.cn  
研究方向: Veterinary Sciences  
**eISSN:** 1746-6148  
输出日期: 2024-01-24

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# EI 收录情况

(2023. 11. 30–2024. 01. 24)

EI 索引库共收录我校教师发表的 31 篇文献，文献详细题录信息如下。

---

## 1. Escherichia Coli Research on Raman Measurement Mechanism and Diagnostic Model

Ma, Dongyu (Heilongjiang Bayi Agricultural University, China); Zhao, Xiaoyu; Tong, Liang

Source: *SSRN*, November 16, 2023

Database: Compendex

Data Provider: Engineering Village

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## 2. Analysis of the Thermal Aggregation Behavior and Mechanism of Black Bean Protein

Li, MeiQi (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Cao, RongAn; Zhang, XueMin; Diao, JingJing; Wang, ChangYuan; Wang, JinChen

Source: *SSRN*, November 29, 2023

Database: Compendex

Data Provider: Engineering Village

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## 3. An overview of characteristic factors of biochar as a soil improvement tool in rice growth- A review

He, Xiaolei (College of Horticulture and Landscape Architecture, Heilongjiang Bayi Agriculture University, Daqing; 163319, China); Yang, Yunrui; Huang, Baosen; Wang, Zhihui; Wang, Mengxue

Source: *Environmental Research*, v 242, February 1, 2024

Database: Compendex

Data Provider: Engineering Village

Compilation and indexing terms, Copyright 2023 Elsevier Inc.

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## 4. Synthesis and characterization of pH-responsive deep eutectic solvent followed by HPLC for trace determination of bisphenol A in water samples

Cao, Lili (College of Science, Heilongjiang Bayi Agricultural University, Heilongjiang, China); Li, Yukaidi

Source: *Journal of Separation Science*, 2023 Article in Press

Database: Compendex

Data Provider: Engineering Village

Compilation and indexing terms, Copyright 2023 Elsevier Inc.

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## 5. An Identification Model of Millet Origin Based on Near-Infrared Spectroscopy and Improved Residual Neural Network

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Lv, Penghe (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Yang, Dongfeng; Lv, Chenxi; Zhang, Yvhang **Source:** *SSRN*, November 22, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## **6. Preparation and Characterization of Ni60-Wc Composites Fabricated Using Laser Cladding Technique**

Zhang, Yifeng (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Xia, Fafeng; Yan, Peng; Ma, Chunyang **Source:** *SSRN*, November 28, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## **7. Anti-diabetic effects of natural and modified ‘Ganzhou’ navel orange peel pectin on type 2 diabetic mice via gut microbiota**

Du, Chao (College of Food Science, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Zuo, Feng; Cao, Yang; Zang, Yanqing **Source:** *Food and Function*, v 14, n 24, p 10977-10990, November 28, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## **8. Improvement of cannabidiolic acid synthetase activity through molecular docking and site-directed mutagenesis**

Dai, Lingyan (College of Life Science and Technology, Heilongjiang Bayi Agricultural University, Heilongjiang Province, Daqing; 163319, China); Niu, Tingli; Luo, Ruijie; Zhang, Liguang; Zhang, Shuquan; Kang, Yue; Chi, Jian; Feng, Xinlei; Shi, Jiazhao; Tian, Yuan; Gao, Baochang; Li, Zhijiang **Source:** *Industrial Crops and Products*, v 208, February 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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## **9. Effect of sodium alginate ice glazing on the quality of the freeze-thawed fish balls**

Li, Wenxin (College of Food Science, Northeast Agricultural University, Heilongjiang, Harbin; 150030, China); Bai, Xue; Xia, Xiufang; Chen, Hongsheng **Source:** *International Journal of Biological Macromolecules*, v 254, January 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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## **10. Anaerobic co-digestion of cabbage waste and cattle manure: Effect of mixing ratio and hydraulic retention time**

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Yu, Xinhui (Heilongjiang Provincial Key Laboratory of Environmental Microbiology and Recycling of Argo-Waste in Cold Region, College of Life Science and Biotechnology, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Yan, Lei; Wang, Haipeng; Bi, Shaojie; Zhang, Futao; Huang, Sisi; Wang, Yanhong; Wang, Yanjie **Source:** *Renewable Energy*, v 221, February 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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### **11. Vortex-assisted hydrophobic natural deep eutectic solvent liquid-liquid microextraction for the removal of silver ions from environmental water**

Wang, Chao (College of Food Science, Heilongjiang Bayi Agricultural University, No. 5,Xinfeng Road, Daqing; 163319, China); Li, Shuo; Sun, Peng; Yu, Zhao; Yang, Xue **Source:** *Analytical and Bioanalytical Chemistry*, 2023 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

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---

### **12. Solar oil refinery: Solar-driven hybrid chemical cracking of residual oil towards efficiently upgrading fuel and abundantly generating hydrogen**

Li, Chaoying (Institute of New Energy Chemistry and Environmental Science, College of Chemistry and Chemical Engineering, Northeast Petroleum University, Daqing; 163318, China); Wang, Meng; Li, Nana; Gu, Di; Yan, Chao; Yuan, Dandan; Jiang, Hong; Wang, Baohui; Wang, Xirui **Source:** *Energy Conversion and Management*, v 300, January 15, 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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### **13. Optimization Design and Performance Test of Multi-layer Tray Straw Tray Hot Air Assisted Microwave Drying Device**

Yu, Haiming (College of Electrical and Information, Northeast Agricultural University, Harbin; 150030, China); Qi, Lianxing; Hu, Yuhui; Zheng, Fang; Zhang, Zihan; Zhang,Xinyue **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 54, n 11, p 397-411, 2023 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **14. Modeling temperature change and water migration of unsaturated soils under seasonal freezing-thawing conditions**

Wang, Zhiguo (School of Architecture and Civil Engineering, Northeast Petroleum University, Fazhan Lu Street, Daqing; 163318, China); Fu, Shibo; Zhao, Xuefeng; Jiang, Wei; Liu,

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Gongliang; Li, Dong; Qi, Hanbing **Source:** *Cold Regions Science and Technology*, v 218, February 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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### **15. Recursive filtering for an uncertain system with wireless switching channels and fading measurements: A microseismic event detection method**

Dai, Dongyan (Artificial Intelligence Energy Research Institute, Northeast Petroleum University, Daqing; 163318, China); Li, Jiahui; Li, Hanyang; Dong, Hongli; Li, Hang; Xu, Gang **Source:** *Systems and Control Letters*, v 183, January 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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### **16. Structural characterization of starches from Chinese jackfruit seeds (*Artocarpus heterophyllus* Lam)**

Zhang, Yanjun (Spice and Beverage Research Institute, Chinese Academy of Tropical Agricultural Sciences, Wanning; Hainan; 571533, China); Zhang, Yutong; Xu, Fei; Li, Shize; Tan, Lehe **Source:** *Food Hydrocolloids*, v 80, p 141-148, July 2018

**Database:** Compendex

**Data Provider:** Engineering Village

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### **17. Starch characterizations of two kinds of seedless *Artocarpus altilis* (Parkinson) Fosberg originated from China**

Li, Bo (Spice and Beverage Research Institute, Chinese Academy of Tropical Agricultural Sciences, Wanning; Hainan; 571533, China); Wang, Yitong; Zhu, Libin; Huang, Chongxing; Zhang, Yanjun; Zhao, Yuan; Wu, Gang; Tan, Lehe **Source:** *Food Hydrocolloids*, v 123, February 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **18. A novel Recjf Exo signal amplification strategy based on bioinformatics-assisted truncated aptamer for efficient fluorescence detection of AFB1**

Fan, Yiting (College of Food Science and Engineering, Jilin Agricultural University, Changchun; 130118, China); Amin, Khalid; Jing, Wendan; Lyu, Bo; Wang, Sainan; Fu, Hongling; Yu, Hansong; Yang, Huanhuan; Li, Jiabin **Source:** *International Journal of Biological Macromolecules*, v 254, January 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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## 19. External communication of Chinese traditional culture under the background of big data

Li, Xiaohan (School of Humanities and Social Sciences, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing, China); Chai, Wang **Source:** *Journal of Computational Methods in Sciences and Engineering*, v 23, n 6, p 3123-3133, December 15, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## 20. Parameter Optimization and Test of High-Speed Plough Based on Coupling EDEM and Recurdyn (Open Access)

Zheng, Xin (College of Engineering, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Xu, Wenbao; Xie, Hengyan **Source:** *Tehnicky Vjesnik*, v 31, n 1, p 56-69, 2024

**Open Access type(s):** All Open Access, Bronze

**Database:** Compendex

**Data Provider:** Engineering Village

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## 21. Dynamic Succession of Microbial Communities in Soybean Paste Made with Broomcorn Millet as an Additive and Its Correlation with Flavor and Nutritional Properties during the Brewing Process

Ma, Lixue (College of Food, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Yu, Qiaoru; Wu, Mengna; Wang, Xiaoyu; Su, Tingting; Yang, Xiyuan; Liu, Yuhang; Yao, Di; Wang, Changyuan **Source:** *Shipin Kexue/ Food Science*, v 44, n 24, p 188-200, December 2023 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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## 22. Effect of Protamex Hydrolysis on Foaming Properties and Structural Properties of Corn Glutelin

Fan, Guangqi (College of Food, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Wang, Juntong; Li, Dan; Cui, Suping; Li, Jing; Zheng, Xiqun **Source:** *Shipin Kexue/Food Science*, v 44, n 24, p 41-49, December 2023

**Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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---

## 23. Application of Improved Random Frog Algorithm in Fast Identification of Soybean Varieties

Li, Wei (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Tan, Feng; Zhang, Wei; Gao, Lu-Si; Li, Jin-Shan **Source:** *Guang Pu Xue Yu Guang Pu*

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*Fen Xi/Spectroscopy and Spectral Analysis*, v 43, n 12, p 3763-3769, December 2023

**Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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#### **24. Establishment of a Dual Enzymatic Recombinase Amplification Method for Rapid Detection of Foodborne Pathogens in Infant Formula Powder**

Lin, Zhiwei (College of Agriculture, Heilongjiang Bayi Agricultural University, Daqing; 163000, China); Wang, Shuai; Wang, Yingchun; Wu, Zhanwen; Li, Tao; Li, Hongna; Yang, Yange; Yuan, Fei **Source:** *Shipin Kexue/Food Science*, v 44, n 18, p 347-354, September 25, 2023

**Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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#### **25. Double image encryption based on a hybrid phase-truncation scheme**

Luan, Guangyu (College of Electrical and Information, Heilongjiang Bayi Agricultural University, Daqing, China); Quan, Chenggen **Source:** *Journal of Modern Optics*, 2023 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2024 Elsevier Inc.

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#### **26. Structures and Properties of Inconel625-Wc Coatings Manufactured Via Laser Cladding**

Zhang, Yifeng (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Xia, Fafeng; Yan, Peng **Source:** *SSRN*, December 29, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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#### **27. Adaptive DBSCAN Clustering and GASA Optimization for Underdetermined Mixing Matrix Estimation in Fault Diagnosis of Reciprocating Compressors (Open Access)**

Li, Yanyang (College of Mechanical Science and Engineering, Northeast Petroleum University, Daqing; 163318, China); Wang, Jindong; Zhao, Haiyang; Wang, Chang; Shao, Qi **Source:** *Sensors*, v 24, n 1, January 2024

**Open Access type(s):** All Open Access, Gold

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2024 Elsevier Inc.

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#### **28. Removal of cadmium from aqueous solution by magnetic biochar: adsorption characteristics and mechanism**

Li, Zhiwen (Heilongjiang Provincial Key Laboratory of Environmental Microbiology and

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Recycling of Argo-Waste in Cold Region, College of Life Science and Biotechnology, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Niu, Ruiyan; Yu, Jiaheng; Yu, Liyun; Cao, Di **Source:** *Environmental Science and Pollution Research*, 2023  
Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

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---

### **29. Research on energy-saving renovation of solar greenhouses based on multiple factors and multiple objectives**

Liu, Gongliang (College of Civil Engineering and Water Conservancy, Heilongjiang Bayi Agricultural University, Xinfeng Lu Street, Daqing; 163319, China); Jiang, Wei; Ma, Lingyong; Jin, Yang; Guo, Wei; Li, Qing; Li, Dong **Source:** *Journal of Cleaner Production*, v 434, January 1, 2024

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2024 Elsevier Inc.

---

### **30. Rapid Detection of Norovirus in Shellfish by Dual Fluorescence Reverse Transcription- Enzymatic Recombinase Amplification**

Wu, Zhanwen (Key Laboratory of Food Quality and Safety for State Market Regulation, Chinese Academy of Inspection and Quarantine, Beijing; 100176, China); Wang, Shuai; Kang, Jie; Li, Tao; Li, Hongna; Cai, Jie; Zhang, Hao; Yang, Yange; Yuan, Fei **Source:** *Shipin Kexue/Food Science*, v 44, n 18, p 355-363, September 25, 2023

**Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2024 Elsevier Inc.

---

### **31. Crown die-back of peri-urban forests after combined heatwave and drought was species-specific, size-dependent, and also related to tree neighbourhood characteristics**

Lv, Hailiang (Heilongjiang Bayi Agricultural University, Xinfeng Road 5, Daqing; 163316, China); Gangwisch, Marcel; Saha, Somidh **Source:** *Science of the Total Environment*, v 913, February 25, 2024

**Database:** Compendex

**Data Provider:** Engineering Village

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## ESI 学科分析简报

通过 InCites 平台<sup>①</sup>，查询到我校的发文情况和影响力（2014.01-2024.01），获取了各个学科的论文篇数、总被引频次、篇均被引频次等数据，经阈值分析，给出我校各学科在国际一流学科领域的发展态势。

登陆 InCites 平台，获取了我校各学科的阈值和 22 个国际一流学科的阈值情况<sup>②</sup>，具体详见表 1、表 2。通过比较分析，我校 **Plant & Animal Science** 学科阈值为 4852，国际一流学科阈值为 3176，学科潜力值为 **152.77%**，与上期同比，上升了 **4.91%**；我校 **Agricultural Sciences** 学科阈值为 4161，国际一流学科阈值为 3400，学科潜力值<sup>③</sup>为 **122.38%**，与上期同比，上升了 **3.06%**。其它学科潜力值分析详见表 3。从数据分析看，我校 **Plant & Animal Science** 和 **Agricultural Sciences** 两个学科 ESI 排名潜力大于其它学科。与上期相比，我校有 18 个学科处于上升趋势，有 1 个学科处于下降趋势，其中 **Plant & Animal Science** 上升幅度最大。

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<sup>①</sup> InCites 是汤森路透科技集团在汇集和分析 Web of Science (SCIE/SSCI) 权威引文数据的基础上建立起来的科研评价工具，综合各种计量指标和 30 年来各学科 各年度的国际标杆数据。通过 InCites，用户能够实时跟踪机构的研究产出和影响力；将本机构的研究绩效与其他机构以及全球和学科领域的平均水平进入对比。

<sup>②</sup> 指近十年，某一 ESI 学科被引次数排在前 1%的作者和机构，或排在前 50%的国家或期刊的最低被引次数

<sup>③</sup> 该高校本期某学科的发文总被引次数/本期该学科 进入世界 1%排名最后一名机构的被引次数

| 研究领域                         | 排名 | WOS<br>论文数 | 学科规范化<br>的引文影响力(%) | 被引<br>频次 | 论文被引<br>百分比 |
|------------------------------|----|------------|--------------------|----------|-------------|
| Plant & Animal Science       | 1  | 499        | 110.78             | 4852     | 83.17       |
| Agricultural Sciences        | 2  | 461        | 89.76              | 4161     | 80.26       |
| Biology & Biochemistry       | 3  | 199        | 76.85              | 2520     | 86.93       |
| Chemistry                    | 4  | 226        | 82.64              | 2122     | 80.09       |
| Microbiology                 | 5  | 174        | 59.63              | 1601     | 81.03       |
| Molecular Biology & Genetics | 6  | 127        | 47.51              | 1492     | 85.83       |
| Immunology                   | 7  | 75         | 59.73              | 1078     | 89.33       |
| Clinical Medicine            | 8  | 107        | 87.81              | 1026     | 84.11       |
| Engineering                  | 9  | 105        | 89.87              | 1058     | 76.19       |
| Environment/Ecology          | 10 | 119        | 114.03             | 960      | 63.87       |
| Computer Science             | 11 | 61         | 90.99              | 859      | 77.05       |
| Pharmacology & Toxicology    | 12 | 60         | 106.13             | 713      | 91.67       |
| Neuroscience & Behavior      | 13 | 24         | 91.41              | 467      | 83.33       |
| Materials Science            | 14 | 55         | 28.39              | 312      | 72.73       |
| Physics                      | 15 | 57         | 65.68              | 279      | 68.42       |
| Mathematics                  | 16 | 29         | 79.19              | 118      | 72.41       |
| Geosciences                  | 17 | 11         | 81.08              | 140      | 81.82       |
| Multidisciplinary            | 18 | 5          | 18.10              | 17       | 80.00       |
| Social Sciences, general     | 19 | 5          | 14.32              | 12       | 60.00       |

表1 我校各学科阈值情况

| 研究领域                         | 作者    | 机构<br>(发文最低被引频次) | 刊物   | 国家    |
|------------------------------|-------|------------------|------|-------|
| Agricultural Sciences        | 843   | 3400             | 2492 | 3176  |
| Biology & Biochemistry       | 1309  | 7161             | 516  | 2261  |
| Chemistry                    | 2377  | 8205             | 3590 | 4395  |
| Clinical Medicine            | 3169  | 4203             | 4725 | 37868 |
| Computer Science             | 859   | 5084             | 3025 | 1403  |
| Economics& Business          | 657   | 6604             | 2679 | 798   |
| Engineering                  | 1386  | 3542             | 6152 | 4299  |
| Environment/Ecology          | 1378  | 4809             | 4061 | 7802  |
| Geosciences                  | 1786  | 6423             | 3693 | 3346  |
| Immunology                   | 1252  | 5587             | 1588 | 4712  |
| Materials Science            | 3115  | 8423             | 6488 | 3127  |
| Mathematics                  | 464   | 5069             | 1227 | 847   |
| Microbiology                 | 928   | 5832             | 997  | 2585  |
| Molecular Biology & Genetics | 3514  | 13818            | 1147 | 3330  |
| Multidisciplinary            | 972   | 4092             | 178  | 310   |
| Neuroscience & Behavior      | 1700  | 7470             | 4324 | 3104  |
| Pharmacology & Toxicology    | 787   | 4002             | 8165 | 1736  |
| Physics                      | 14042 | 20732            | 4308 | 5905  |
| Plant & Animal Science       | 866   | 3176             | 2790 | 4282  |
| Psychiatry/Psychology        | 991   | 4476             | 3361 | 1009  |
| Social Sciences, general     | 555   | 1861             | 1742 | 3634  |
| Space Science                | 9918  | 47079            | 1922 | 1071  |

表 2 InCites 数据库中 22 个国际一流学科阈值情况

| 研究领域                         | 排名 | 被引频次 | 机构    | 上期学科<br>潜力值 (%) | 本期学科<br>潜力值 (%) | 发展<br>趋势 |
|------------------------------|----|------|-------|-----------------|-----------------|----------|
| Plant & Animal Science       | 1  | 4852 | 3176  | 147.86          | 152.77          | ↑        |
| Agricultural Sciences        | 2  | 4161 | 3400  | 119.32          | 122.38          | ↑        |
| Microbiology                 | 3  | 1601 | 5832  | 26.32           | 27.45           | ↑        |
| Biology & Biochemistry       | 4  | 2520 | 7161  | 34.14           | 35.19           | ↑        |
| Chemistry                    | 5  | 2122 | 8205  | 25.14           | 25.86           | ↑        |
| Immunology                   | 6  | 1078 | 5587  | 18.96           | 19.29           | ↑        |
| Molecular Biology & Genetics | 7  | 1492 | 13818 | 10.41           | 10.80           | ↑        |
| Clinical Medicine            | 8  | 1026 | 4203  | 23.06           | 24.41           | ↑        |
| Pharmacology & Toxicology    | 9  | 713  | 4002  | 17.40           | 17.82           | ↑        |
| Engineering                  | 10 | 1058 | 3542  | 28.51           | 29.87           | ↑        |
| Environment/Ecology          | 11 | 960  | 4809  | 18.81           | 19.96           | ↑        |
| Neuroscience & Behavior      | 12 | 467  | 7470  | 6.20            | 6.25            | ↑        |
| Computer Science             | 13 | 859  | 5084  | 16.24           | 16.90           | ↑        |
| Materials Science            | 14 | 312  | 8423  | 3.63            | 3.70            | ↑        |
| Physics                      | 15 | 279  | 20732 | 1.25            | 1.35            | ↑        |
| Mathematics                  | 16 | 118  | 5069  | 2.30            | 2.33            | ↑        |
| Geosciences                  | 17 | 140  | 6423  | 2.11            | 2.18            | ↑        |
| Multidisciplinary            | 18 | 17   | 4092  | 0.40            | 0.42            | ↑        |
| Social Sciences, general     | 19 | 12   | 1861  | 0.65            | 0.64            | ↓        |

表 3 我校学科阈值和国际一流学科阈值比较及趋势



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责任编辑：王婷婷、陈晨、金颖华  
联系电话：0459-6819375  
电子邮件：[byndlib520@163.com](mailto:byndlib520@163.com)

黑龙江八一农垦大学