

# 收錄引用月報

SCI·EI·ESI INDEX DATABASE

Nov.~ Dec. 2022 No.25

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（2022. 11. 03-2022. 12. 28）

附件 2、EI 收录情况（2022. 11. 03-2022. 12. 28）

附件 3、ESI 学科分析简报

# SCI 收录情况

(2022. 11. 03–2022. 12. 28)

SCI 索引库共收录我校教师发表的 63 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 63 篇文献详细题录信息。

RESEARCH FIELDS	研究领域	篇数
Agriculture	农业	10
Chemistry	化学	7
Plant Sciences	植物科学	7
Food Science & Technology	食品科学与技术	5
Science & Technology - Other Topics	科技与技术-其他主题	4
Biochemistry & Molecular Biology	生物化学与分子生物学	3
Biotechnology & Applied Microbiology	生物技术与应用微生物学	3
Environmental Sciences & Ecology	环境科学与生态学	3
Immunology	免疫学	3
Microbiology	微生物学	3
Computer Science	计算机科学	2
Nutrition & Dietetics	营养和饮食学	2
Virology	病毒学	2
Cell Biology	细胞学	1
Engineering	工程学	1
Fisheries	渔业	1
Infectious Diseases	传染病学	1
Life Sciences & Biomedicine - Other Topics	生命科学与生物医学-其他主题	1
Psychology	心理学	1
Reproductive Biology	生殖生物学	1
Spectroscopy	光谱学	1
Veterinary Sciences	兽医科学	1

表 1 我校 22 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: Melatonin regulates material transport to reduce carbon emissions and increase yield under different nitrogen in rice

作者: Qin, B (Qin, Bin); Zou, JN (Zou, Jingnan); Cao, L (Cao, Liang); Wang, MY (Wang, Mingyao); Zhang, YX (Zhang, Yu-Xian)

来源出版物: AGRICULTURE ECOSYSTEMS & ENVIRONMENT 卷: 342

文献号: 108235 DOI: 10.1016/j.agee.2022.108235 出版年: FEB 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:000882517900007

文献类型: Article

作者关键词: Carbon and nitrogen metabolism; Substance transport; Melatonin; Rice; Yield

**KeyWords Plus:** SUCROSE SYNTHASE; GROWTH; GENE; METABOLISM; PLANTS; STRESS; TRANSLOCATION; ACCUMULATION; EXPRESSION; DEFICIENCY

地址: [Qin, Bin; Zou, Jingnan; Cao, Liang; Wang, Mingyao; Zhang, Yu-Xian] Heilongjiang Bayi Agr Univ, Coll Agr, Ctr Soybean Stress Physiol Res, Daqing, Peoples R China.

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研究方向: Agriculture; Environmental Sciences & Ecology

**ISSN:** 0167-8809

**eISSN:** 1873-2305

输出日期: 2022-12-28

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### 第 2 条

标题: Microbiota Community Structure and Interaction Networks within Dermacentor silvarum, Ixodes persulcatus, and Haemaphysalis concinna

作者: Qiu, HY (Qiu, Hongyu); Lv, QB (Lv, Qingbo); Chang, QC (Chang, Qiaocheng); Ju, H (Ju, Hao); Wu, TT (Wu, Tingting); Liu, SS (Liu, Shunshuai); Li, XW (Li, Xiuwen); Yan, YM (Yan, Yimeng); Gao, JF (Gao, Junfeng); Wang, CR (Wang, Chunren)

来源出版物: ANIMALS 卷: 12 期: 23 文献号: 3237 DOI: 10.3390/ani12233237

出版年: DEC 2022

**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:000895099600001

文献类型: Article

作者关键词: tick; microbiota; microbial interactions; symbiont bacteria; 16S rRNA gene

**KeyWords Plus:** BACTERIAL DIVERSITY; TICK; INFECTION; ACARI; TRANSMISSION; WOLBACHIA; ENDOSYMBIONT; SEQUENCES; MOSQUITOS; SYMBIONT

地址: [Qiu, Hongyu; Lv, Qingbo; Ju, Hao; Wu, Tingting; Li, Xiuwen; Yan, Yimeng; Gao, Junfeng; Wang, Chunren] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Bovine Dis Control Northeast China, Minist Agr & Rural Affair, Daqing 163319, Peoples R China.

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研究方向: Agriculture; Veterinary Sciences; Zoology

**ISSN:** 2076-2615

输出日期: 2022-12-28

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### 第 3 条

标题: Multi-Omics Analysis of Transcriptomic and Metabolomics Profiles Reveal the Molecular Regulatory Network of Marbling in Early Castrated Holstein Steers

作者: Sun, F (Sun, Fang); Piao, MY (Piao, Minyu); Zhang, XY (Zhang, Xinyue); Zhang, SQ (Zhang, Siqi); Wei, ZH (Wei, Ziheng); Liu, L (Liu, Li); Bu, Y (Bu, Ye); Xu, SS (Xu, Shanshan); Zhao, XC (Zhao, Xiaochuan); Meng, XR (Meng, Xiangren); Yue, MM (Yue, Mengmeng)

来源出版物: ANIMALS 卷: 12 期: 23 文献号: 3398 DOI: 10.3390/ani12233398

出版年: DEC 2022

**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:000895085300001

文献类型: Article

作者关键词: Holstein steers; early castration; transcriptomic; metabolomics; intramuscular fat

**KeyWords Plus:** MEAT QUALITY; CARCASS CHARACTERISTICS; SKELETAL-MUSCLE; GROWTH; BULLS; PERFORMANCE; EXPRESSION; CELLS; 2-HYDROXYGLUTARATE; PROLIFERATION



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地址: [Sun, Fang; Zhang, Siqi; Wei, Ziheng; Liu, Li; Bu, Ye; Xu, Shanshan; Zhao, Xiaochuan; Meng, Xiangren; Yue, Mengmeng] Inst Anim Husb, Heilongjiang Acad Agr Sci, Harbin 150086, Peoples R China.

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研究方向: Agriculture; Veterinary Sciences; Zoology

ISSN: 2076-2615

输出日期: 2022-12-28

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#### 第 4 条

标题: Genome- and transcriptome-wide identification and analysis of B3 superfamily members and their association with salt stress response in the common bean (*Phaseolus vulgaris* L)

作者: Du, YL (Du, Yan-Li); Zhang, Q (Zhang, Qi); Li, WJ (Li, Wei-Jia); Li, SQ (Li, Si-Qi); Zhang, WJ (Zhang, Wen-Jing); Wang, Q (Wang, Qi); Yin, ZG (Yin, Zhen-Gong); Zhang, WH (Zhang, Wen -Hui); Du, JD (Du, Ji-Dao); Zhao, Q (Zhao, Qiang)

来源出版物: SCIENTIA HORTICULTURAE 卷: 305 文献号: 111408

DOI: 10.1016/j.scienta.2022.111408 出版年: NOV 17 2022

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:000880603400006

文献类型: Article

作者关键词: *Phaseolus vulgaris*; L; B3 gene family; Sprout stage; Salt stress; IAA; RNA-seq

**KeyWords Plus:** DNA-BINDING DOMAIN; TOMATO FRUIT-SET; ARF GENE FAMILY; ARABIDOPSIS-THALIANA; NEGATIVE REGULATOR; EMBRYO DEVELOPMENT; DUPLICATE GENES; SEED MATURATION; FACTOR-2 ARF2; AUXIN

地址: [Du, Yan-Li; Zhang, Qi; Li, Wei-Jia; Li, Si-Qi; Zhang, Wen-Jing; Wang, Qi; Zhang, Wen -Hui; Du, Ji-Dao; Zhao, Qiang] Heilongjiang Bayi Agr Univ, Agr Coll, Key Lab Minist Agr & Rural Affairs Soybean Mechani, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Agriculture

ISSN: 0304-4238

eISSN: 1879-1018

输出日期: 2022-12-28

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## 第 5 条

标题: In Vivo and In Vitro Antiviral Activity of Phlorizin Against Bovine Viral Diarrhea Virus

作者: Zhang, ZC (Zhang, Zecai); Huang, J (Huang, Jiang); Zhao, ZC (Zhao, Zhicheng); Yuan, XY (Yuan, Xueying); Li, C (Li, Chuang); Liu, SY (Liu, Siyu); Cui, YQ (Cui, Yueqi); Liu, Y (Liu, Yu); Zhou, YL (Zhou, Yulong); Zhu, ZB (Zhu, Zhanbo)

来源出版物: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

DOI: 10.1021/acs.jafc.2c05934 提前访问日期: NOV 2022

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:000888260900001

文献类型: Article; Early Access

作者关键词: phlorizin; BVDV; autophagy; innate immune receptors; biotype specificity

**KeyWords Plus:** TOLL-LIKE RECEPTORS; COSTIMULATORY MOLECULES; INFECTION; AUTOPHAGY; INFLAMMATION; EXPRESSION; APOPTOSIS; GENES; CELLS; BVDV

地址: [Zhang, Zecai; Huang, Jiang; Zhao, Zhicheng; Yuan, Xueying; Li, Chuang; Liu, Siyu; Cui, Yueqi; Liu, Yu; Zhou, Yulong; Zhu, Zhanbo] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

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

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eISSN: 1520-5118

输出日期: 2022-12-28

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## 第 6 条

标题: Changes in the Physical, Chemical, and Bacterial Community Characteristics of Soil in Response to Short-Term Combined Organic-Inorganic Fertilizers in a Dry Direct-Seeded Paddy Field

作者: Guo, XH (Guo, Xiaohong); Zou, B (Zou, Bing); Xu, LQ (Xu, Lingqi); Zhang, JN (Zhang, Jianing); Zheng, GP (Zheng, Guiping); Wang, HZ (Wang, Haize); Yin, DW (Yin, Dawei); Li, HY (Li, Hongyu); Zhang, WZ (Zhang, Wenzhong); Lv, YD (Lv, Yandong); Zhao, MH (Zhao, Minghui)

来源出版物: AGRONOMY-BASEL 卷: 12 期: 11 文献号: 2808

DOI: 10.3390/agronomy12112808 出版年: NOV 2022

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:000885811400001

文献类型: Article

作者关键词: bacterial community; combined fertilizer; dry direct-seeded rice; microbial diversity; soil properties

**KeyWords Plus:** MICROBIAL COMMUNITY; CROP YIELDS; MANURE; AMENDMENTS; FRACTIONS; MATTER; RICE

地址: [Guo, Xiaohong; Zou, Bing; Zhang, Jianing; Zheng, Guiping; Wang, Haize; Yin, Dawei; Li, Hongyu; Lv, Yandong] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

[Guo, Xiaohong; Zou, Bing; Zhang, Jianing; Zheng, Guiping; Wang, Haize; Yin, Dawei; Li, Hongyu; Lv, Yandong] Heilongjiang Prov Key Lab Modern Agr Cultivat & C, Daqing 163319, Peoples R China.

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研究方向: Agriculture; Plant Sciences

eISSN: 2073-4395

输出日期: 2022-12-28

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### 第 7 条

标题: The Effect of Neutral Salt and Alkaline Stress with the Same Na<sup>+</sup> Concentration on Root Growth of Soybean (*Glycine max* (L.) Merr.) Seedlings

作者: Wang, GD (Wang, Guangda); Shen, WZ (Shen, Wanzheng); Zhang, ZN (Zhang, Zhaoning); Guo, S (Guo, Shuang); Hu, JC (Hu, Jiachen); Feng, RQ (Feng, Ruiqi); Zhao, Q (Zhao, Qiang); Du, JD (Du, Jidao); Du, YL (Du, Yanli)

来源出版物: AGRONOMY-BASEL 卷: 12 期: 11 文献号: 2708

DOI: 10.3390/agronomy12112708 出版年: NOV 2022

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:000880750100001

文献类型: Article

作者关键词: neutral salt stress; alkaline salt stress; antioxidant defense; osmotic regulation; DNA damage; cell cycle arrest

**KeyWords Plus:** HYDROGEN-PEROXIDE; OXIDATIVE STRESS; TOLERANCE; RESPONSES; CANCER; ACID

地址: [Wang, Guangda; Shen, Wanzheng; Zhang, Zhaoning; Guo, Shuang; Hu, Jiachen; Feng, Ruiqi; Zhao, Qiang; Du, Jidao; Du, Yanli] Heilongjiang Bayi Agr Univ, Key Lab Minist Agr & Rural Affairs Soybean Mechan, Daqing 163319, Peoples R China.

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通讯作者地址: Du, JD; Du, YL (通讯作者), Heilongjiang Bayi Agr Univ, Key Lab Minist Agr & Rural Affairs Soybean Mechan, Daqing 163319, Peoples R China.

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研究方向: Agriculture; Plant Sciences

eISSN: 2073-4395

输出日期: 2022-12-28

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### 第 8 条

标题: Effects of Biochar on the Microenvironment of Saline-Sodic Soil and Maize Growth

作者: Wang, ZH (Wang, Zhihui); Wang, HY (Wang, Hongyi); Zhao, CJ (Zhao, Changjiang); Yang, KJ (Yang, Kejun); Li, ZT (Li, Zuotong); Yin, KD (Yin, Kuide)

来源出版物: AGRONOMY-BASEL 卷: 12 期: 11 文献号: 2859

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**DOI:** 10.3390/agronomy12112859 出版年: NOV 2022

**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:000894828900001

文献类型: Article

作者关键词: ecological environment; maize yield; microbial community structure; saline-sodic soil environment; soil amendment; soil microbial diversity

**KeyWords Plus:** COMMUNITY COMPOSITION; MICROBIAL COMMUNITY; AMENDMENT; BACTERIAL

地址: [Wang, Zhihui; Wang, Hongyi; Zhao, Changjiang; Yang, Kejun; Li, Zuotong; Yin, Kuide] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing 163319, Peoples R China.

[Wang, Zhihui] Minist Agr, Agr Prod & Processed Prod Supervis & Testing Ctr, Daqing 163319, Peoples R China.

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

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研究方向: Agriculture; Plant Sciences

**eISSN:** 2073-4395

输出日期: 2022-12-28

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## 第 9 条

标题: A Method for Obtaining the Number of Maize Seedlings Based on the Improved YOLOv4 Lightweight Neural Network

作者: Gao, JX (Gao, Jiixin); Tan, F (Tan, Feng); Cui, JP (Cui, Jiapeng); Ma, B (Ma, Bo)

来源出版物: AGRICULTURE-BASEL 卷: 12 期: 10 文献号: 1679

**DOI:** 10.3390/agriculture12101679 出版年: OCT 2022

**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:000872083600001

文献类型: Article

作者关键词: maize seedlings; detection; YOLOv4; improved Ghostnet; k-means clustering; attention mechanism

地址: [Gao, Jiixin; Tan, Feng] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163000, Peoples R China.

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通讯作者地址: Tan, F (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat,



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研究方向: Agriculture  
**eISSN:** 2077-0472  
输出日期: 2022-12-28

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### 第 10 条

标题: Homogeneous nuclei-induced, secondary nuclei-induced, and spontaneous whey protein concentrate nanofibril formation through different pathways

作者: Guan, C (Guan, Chen); Bing, SQ (Bing, Shaoqing); Yang, XT (Yang, Xiaotong); Guo, RC (Guo, Ruichi); Chen, Y (Chen, Ying); Xu, HH (Xu, Honghua); Yu, GP (Yu, Guoping)

来源出版物: JOURNAL OF DAIRY SCIENCE 卷: 105 期: 7 页: 5600-5609

**DOI:** 10.3168/jds.2021-21630 出版年: JUL 2022

**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:000884174200005

文献类型: Article

作者关键词: homogeneous nuclei; secondary nuclei; nanofibril; aggregation

**KeyWords Plus:** AMYLOID FIBRIL FORMATION; BETA-LACTOGLOBULIN; RHEOLOGICAL PROPERTIES; AGGREGATION; TIME; ASSEMBLIES; MECHANISMS; NUCLEATION; MORPHOLOGY; PH

地址: [Guan, Chen; Yang, Xiaotong; Guo, Ruichi; Chen, Ying; Xu, Honghua; Yu, Guoping] Northeast Agr Univ, Minist Educ, Key Lab Dairy Sci, Harbin 150030, Peoples R China.

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研究方向: Agriculture; Food Science & Technology

**ISSN:** 0022-0302

**eISSN:** 1525-3198

输出日期: 2022-12-28

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## Chemistry

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### 第 1 条

标题: Exogenous  $\gamma$ -aminobutyric acid strengthens phenylpropanoid and nitrogen metabolism to enhance the contents of flavonoids, amino acids, and the derivatives in edamame

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作者: Yu, GB (Yu, Gaobo); Chen, FQ (Chen, Fengqiong); Wang, YT (Wang, Yating); Chen, QS (Chen, Qiusen); Liu, HL (Liu, Hanlin); Tian, J (Tian, Jin); Wang, MX (Wang, Mengxue); Ren, CY (Ren, Chunyuan); Zhao, Q (Zhao, Qiang); Yang, FJ (Yang, Fengjun); Sheng, YY (Sheng, Yunyan); Wei, JP (Wei, Jinpeng); Zhang, YX (Zhang, Yuxian)

来源出版物: FOOD CHEMISTRY-X 卷: 16 文献号: 100511

DOI: 10.1016/j.fochx.2022.100511 出版年: DEC 30 2022

**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:000892561200005

文献类型: Article

作者关键词: Edamame; ?-Aminobutyric acid; Nutritional quality; Nitrogen metabolism; Flavonoid metabolism

**KeyWords Plus:** FRUIT-QUALITY; ACCUMULATION; ISOFLAVONES; EXPRESSION; SUGAR

地址: [Yu, Gaobo; Chen, Fengqiong; Wang, Yating; Chen, Qiusen; Liu, Hanlin; Tian, Jin; Wang, Mengxue; Ren, Chunyuan; Zhao, Qiang; Yang, Fengjun; Sheng, Yunyan; Wei, Jinpeng; Zhang, Yuxian] Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Chemistry; Food Science & Technology

ISSN: 2590-1575

输出日期: 2022-12-28

---

## 第 2 条

标题: Classification of Rice Varieties Using SIMCA Applied to NIR Spectroscopic Data

作者: Shi, GJ (Shi, GuoJun); Zhang, XW (Zhang, XiaoWen); Qu, G (Qu, Ge); Chen, ZG (Chen, ZhengGuang)

来源出版物: ACS OMEGA DOI: 10.1021/acsomega.2c05561

提前访问日期: DEC 2022

**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:000895467700001

文献类型: Article; Early Access

**KeyWords Plus:** IDENTIFICATION

地址: [Shi, GuoJun; Zhang, XiaoWen; Qu, Ge; Chen, ZhengGuang] Heilongjiang Bayi Agr Univ, Coll Informat & Elect 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.

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研究方向: Chemistry

ISSN: 2470-1343

输出日期: 2022-12-28

---

### 第 3 条

标题: Fast identification of soybean varieties using Raman spectroscopy

作者: Li, W (Li, Wei); Tan, F (Tan, Feng); Cui, JP (Cui, Jiapeng); Ma, B (Ma, Bo)

来源出版物: VIBRATIONAL SPECTROSCOPY 卷: 123 文献号: 103447

DOI: 10.1016/j.vibspec.2022.103447 出版年: NOV 2022

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:000874256900002

文献类型: Article

作者关键词: Raman spectroscopy; Soybean; BIPLS; SIPLS; ElasticNet

KeyWords Plus: PARTIAL LEAST-SQUARES; DISCRIMINATION; ALGORITHM;  
SELECTION; TRANSFORMATION; ACID

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[Tan, Feng; Cui, Jiapeng] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing  
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研究方向: Chemistry; Spectroscopy

ISSN: 0924-2031

eISSN: 1873-3697

输出日期: 2022-12-28

---

### 第 4 条

标题: Soybean Seedling Root Segmentation Using Improved U-Net Network

作者: Xu, XY (Xu, Xiuying); Qiu, JK (Qiu, Jinkai); Zhang, W (Zhang, Wei); Zhou, Z  
(Zhou, Zheng); Kang, Y (Kang, Ye)

来源出版物: SENSORS 卷: 22 期: 22 文献号: 8904 DOI: 10.3390/s22228904

出版年: NOV 2022

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:000887848100001

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文献类型: Article

作者关键词: soybean seedling; root image; semantic segmentation; U-Net model; attention mechanism

地址: [Xu, Xiuying; Qiu, Jinkai; Zhang, Wei; Zhou, Zheng; Kang, Ye] Heilongjiang Bayi Agr Univ, Coll Engr, Daqing 163319, Peoples R China.

[Xu, Xiuying; Zhang, Wei] Heilongjiang Prov Conservat Tillage Engr Technol, Daqing 163319, Peoples R China.

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研究方向: Chemistry; Engineering; Instruments & Instrumentation

eISSN: 1424-8220

输出日期: 2022-12-28

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## 第 5 条

标题: Differentially Private XGBoost Algorithm for Traceability of Rice Varieties

作者: Yu, RZ (Yu, Runzhong); Yang, W (Yang, Wu); Yang, CY (Yang, Chengyi)

来源出版物: APPLIED SCIENCES-BASEL 卷: 12 期: 21 文献号: 11037

DOI: 10.3390/app122111037 出版年: NOV 2022

**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:000880944300001

文献类型: Article

作者关键词: differential privacy; variety traceability; rice data safety; machine learning

**KeyWords Plus:** DISCRIMINATION

地址: [Yu, Runzhong; Yang, Wu] Harbin Engr Univ, Informat Secur Res Ctr, Harbin 165001, Peoples R China.

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研究方向: Chemistry; Engineering; Materials Science; Physics

eISSN: 2076-3417

输出日期: 2022-12-28

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## 第 6 条



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标题: Label-free fluorescent aptasensor based on exonuclease I for the determination of ochratoxin A

作者: Luan, T (Luan, Tian); Yang, HH (Yang, Huan-Huan); Niu, MY (Niu, Meng-Yu); Zhao, YH (Zhao, Yin-He); Chen, SS (Chen, Shou-Shan); Lv, L (Lv, Lei); Li, XJ (Li, Xuan-Jun); Guo, ZJ (Guo, Zhi-Jun)

来源出版物: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY 卷: 50 期: 9

文献号: 100126 DOI: 10.1016/j.cjac.2022.100126 出版年: SEP 2022

**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:000875022800001

文献类型: Article

作者关键词: Ochratoxin A; Aptamer; Aptasensor; Label-free

**KeyWords Plus:** PERFORMANCE LIQUID-CHROMATOGRAPHY; APTAMERS; ASSAY; FOOD

地址: [Luan, Tian; Niu, Meng-Yu; Zhao, Yin-He; Chen, Shou-Shan; Lv, Lei; Li, Xuan-Jun; Guo, Zhi-Jun] Yanbian Univ, Coll Agr, Yanji 133002, Peoples R China. [Yang, Huan-Huan] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163000, Peoples R China.

通讯作者地址: Lv, L; Li, XJ; Guo, ZJ (通讯作者), Yanbian Univ, Coll Agr, Yanji 133002, Peoples R China.

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研究方向: Chemistry

ISSN: 0253-3820

eISSN: 1872-2040

输出日期: 2022-12-28

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## 第 7 条

标题: Phenolic Compounds and Antioxidant Activity of Rice-Tartary Buckwheat Composite as Affected by In Vitro Digestion

作者: Li, N (Li, Nuo); Zhang, GF (Zhang, Guifang); Zhang, DJ (Zhang, Dongjie)

来源出版物: JOURNAL OF CHEMISTRY 卷: 2022 文献号: 2472513

DOI: 10.1155/2022/2472513 出版年: JUN 24 2022

**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:000886352000008

文献类型: Article

**KeyWords Plus:** SIMULATED GASTROINTESTINAL DIGESTION; POLYPHENOL; FLAVONOIDS; COPRODUCTS; RELEASE

地址: [Li, Nuo; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

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研究方向: Chemistry

ISSN: 2090-9063

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输出日期: 2022-12-28

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## Plant Sciences

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### 第 1 条

标题: Identification, evolution, and expression analysis of OsBSK gene family in *Oryza sativa Japonica*

作者: Zhang, S (Zhang, Shuo); Hu, XW (Hu, Xuewei); Dong, JJ (Dong, Jiejing); Du, MX (Du, Mengxiang); Song, JQ (Song, Juqi); Xu, SY (Xu, Shangyuan); Zhao, CJ (Zhao, Changjiang)

来源出版物: BMC PLANT BIOLOGY 卷: 22 期: 1 文献号: 565

DOI: 10.1186/s12870-022-03905-1 出版年: DEC 5 2022

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:000893792100001

文献类型: Article

作者关键词: *Oryza sativa* L.; OsBSKs; Gene family; qRT-PCR; Evolution

**KeyWords Plus:** BRASSINOSTEROID SIGNAL-TRANSDUCTION; RECEPTOR KINASE; PLANT; BRASSINOLIDE; ARABIDOPSIS; PREDICTION; SEQUENCE; DATABASE; BSKS; BRI1

地址: [Zhang, Shuo; Hu, Xuewei; Dong, Jiejing; Du, Mengxiang; Song, Juqi; Xu, Shangyuan; Zhao, Changjiang] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Plant Sciences

ISSN: 1471-2229

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输出日期: 2022-12-28

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## 第 2 条

标题: Different Physiological and Photosynthetic Responses of Soybean and Mungbean at the Initial Flowering Stage under Low-Temperature Stress to Uniconazole S3307

作者: Zhao, HH (Zhao, H. H.); Zheng, DF (Zheng, D. F.); Feng, NJ (Feng, N. J.); Wang, SQ (Wang, S. Q.); Guo, T (Guo, T.); Liang, XL (Liang, X. L.); Shan, Y (Shan, Y.); Wang, XX (Wang, X. X.); Ding, KX (Ding, K. X.); Li, ZJ (Li, Z. J.); Yang, H (Yang, H.); Xiang, HT (Xiang, H. T.); Xu, L (Xu, L.); Zhao, JJ (Zhao, J. J.); Gu, X (Gu, X.); Xu, JF (Xu, J. F.); Zhao, XQ (Zhao, X. Q.); Zhang, MM (Zhang, M. M.); Yao, LL (Yao, L. L.); Wang, QS (Wang, Q. S.)

来源出版物: RUSSIAN JOURNAL OF PLANT PHYSIOLOGY 卷: 69 期: 6

文献号: 129 DOI: 10.1134/S1021443722060292 出版年: DEC 2022

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:000885058300031

文献类型: Article

作者关键词: Glycine max; Vigna radiata; soybean; mungbean; low-temperature stress; uniconazole S3307; physiological characteristics

KeyWords Plus: CARBOHYDRATE-METABOLISM; SUCROSE METABOLISM; TOLERANCE; ENZYMES; GROWTH; L.

地址: [Zhao, H. H.; Zheng, D. F.; Feng, N. J.; Wang, S. Q.; Liang, X. L.; Wang, X. X.; Xu, L.] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

[Zhao, H. H.; Guo, T.; Li, Z. J.; Yang, H.; Xu, J. F.; Zhao, X. Q.; Zhang, M. M.; Yao, L. L.; Wang, Q. S.] Heilongjiang Acad Agr Sci, Jiamusi Branch, Jiamusi 154007, Peoples R China.

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研究方向: Plant Sciences

ISSN: 1021-4437

eISSN: 1608-3407

输出日期: 2022-12-28

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### 第 3 条

标题: New insights into the molecular mechanism of low-temperature stratification on dormancy release and germination of *Saposhnikovia divaricata* seeds

作者: Chen, FY (Chen, Fuyuan); Huang, YL (Huang, Yulan); Cao, ZL (Cao, Zhenglin); Li, YZ (Li, Youzhen); Liu, DH (Liu, Donghui); Han, X (Han, Xiao); Yin, KD (Yin, Kuide); Liu, Q (Liu, Quan)

来源出版物: BRAZILIAN JOURNAL OF BOTANY DOI: 10.1007/s40415-022-00849-6

提前访问日期: NOV 2022

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:000879291000001

文献类型: Article; Early Access

作者关键词: Differentially expressed genes; Energy transformation; Hormone; Transcriptome sequencing; Transcription factor

**KeyWords Plus:** ABSCISIC-ACID; TRANSCRIPTION FACTORS; RESPONSIVE GENES; EXPRESSION; STRESS; ABA; ACTIVATION; ROLES

地址: [Chen, Fuyuan; Huang, Yulan; Cao, Zhenglin; Li, Youzhen; Liu, Donghui; Han, Xiao; Yin, Kuide; Liu, Quan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing, Peoples R China.

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研究方向: Plant Sciences

ISSN: 0100-8404

eISSN: 1806-9959

输出日期: 2022-12-28

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### 第 4 条

标题: Insights into the regulation of wild soybean tolerance to salt-alkaline stress

作者: Cai, XX (Cai, Xiaoxi); Jia, BW (Jia, Bowei); Sun, MZ (Sun, Mingzhe); Sun, XL (Sun, Xiaoli)

来源出版物: FRONTIERS IN PLANT SCIENCE 卷: 13 文献号: 1002302

DOI: 10.3389/fpls.2022.1002302 出版年: OCT 19 2022

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:000879205400001

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文献类型: Review

作者关键词: wild soybean; salt stress; carbonate stress; ion balance; ROS scavenging; protein kinase; transcription factor

**KeyWords Plus:** ACTIVATED PROTEIN-KINASE; RECEPTOR-LIKE KINASE; GLYCINE-SOJA; PLANT TOLERANCE; TRANSCRIPTION FACTOR; POSITIVE REGULATOR; HYDROGEN-PEROXIDE; CYTOPLASMIC KINASE; DROUGHT TOLERANCE; ARABIDOPSIS

地址: [Cai, Xiaoxi; Jia, Bowei; Sun, Mingzhe; Sun, Xiaoli] Heilongjiang Bayi Agr Univ, Coll Agr, Crop Stress Mol Biol Lab, Daqing, Peoples R China.

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

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研究方向: Plant Sciences

**ISSN:** 1664-462X

输出日期: 2022-12-28

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## 第 5 条

标题: Image classification and identification for rice leaf diseases based on improved WOACW\_SimpleNet

作者: Lu, Y (Lu, Yang); Zhang, XM (Zhang, Xinmeng); Zeng, NY (Zeng, Nianyin); Liu, WT (Liu, Wanting); Shang, R (Shang, Rou)

来源出版物: FRONTIERS IN PLANT SCIENCE 卷: 13 文献号: 1008819

**DOI:** 10.3389/fpls.2022.1008819 出版年: OCT 17 2022

**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:000878192900001

文献类型: Article

作者关键词: WOACW; CNN; rice leaf disease; image recognition; deep learning

**KeyWords Plus:** PLANT-DISEASE; RECOGNITION; SEGMENTATION; MODEL

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研究方向: Plant Sciences

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## 第 6 条

标题: Exogenous uniconazole enhances tolerance to chilling stress in mung beans (*Vigna radiata* L.) through cross talk among photosynthesis, antioxidant system, sucrose metabolism, and hormones

作者: Yu, ML (Yu, Minglong); Huang, L (Huang, Lu); Feng, NJ (Feng, Naijie); Zheng, DF (Zheng, Dianfeng); Zhao, JJ (Zhao, Jingjing)

来源出版物: JOURNAL OF PLANT PHYSIOLOGY 卷: 276 文献号: 153772

DOI: 10.1016/j.jplph.2022.153772 出版年: SEP 2022

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:000885851200004

文献类型: Article

作者关键词: Mung beans; Chilling stress; Uniconazole; Photosynthesis; Antioxidant; Hormone

**KeyWords Plus:** LOW-TEMPERATURE; SUGAR METABOLISM; PHOTOSYSTEM-II; ACID; ASCORBATE; GLUTATHIONE; EXPRESSION; RESISTANCE; INHIBITOR; MECHANISM

地址: [Yu, Minglong; Huang, Lu; Feng, Naijie; Zheng, Dianfeng] Guangdong Ocean Univ, Coll Coastal Agr Sci, Zhanjiang 524088, Guangdong, Peoples R China.

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研究方向: Plant Sciences

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eISSN: 1618-1328

输出日期: 2022-12-28

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## 第 7 条

标题: Exogenous uniconazole enhances tolerance to chilling stress in mung beans (*Vigna radiata* L.) through cross talk among photosynthesis, antioxidant system, sucrose metabolism, and hormones

作者: Yu, ML (Yu, Minglong); Huang, L (Huang, Lu); Feng, NJ (Feng, Naijie); Zheng, DF (Zheng, Dianfeng); Zhao, JJ (Zhao, Jingjing)



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来源出版物: JOURNAL OF PLANT PHYSIOLOGY 卷: 276 文献号: 153772

DOI: 10.1016/j.jplph.2022.153772 出版年: SEP 2022

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:000854053200003

文献类型: Article

作者关键词: Mung beans; Chilling stress; Uniconazole; Photosynthesis; Antioxidant; Hormone

**KeyWords Plus:** LOW-TEMPERATURE; SUGAR METABOLISM; PHOTOSYSTEM-II; ACID; ASCORBATE; GLUTATHIONE; EXPRESSION; RESISTANCE; INHIBITOR; MECHANISM

地址: [Yu, Minglong; Huang, Lu; Feng, Naijie; Zheng, Dianfeng] Guangdong Ocean Univ, Coll Coastal Agr Sci, Zhanjiang 524088, Guangdong, Peoples R China.

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研究方向: Plant Sciences

ISSN: 0176-1617

eISSN: 1618-1328

输出日期: 2022-12-28

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### Food Science & Technology

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#### 第 1 条

标题: Effects of variety and origin on the metabolic and texture characteristics of quinoa seeds based on ultrahigh-performance liquid chromatography coupled with high-field quadrupole-orbitrap high-resolution mass spectrometry

作者: Feng, YC (Feng, Yuchao); Fan, X (Fan, Xia); Zhang, S (Zhang, Shu); Wu, T (Wu, Tong); Bai, L (Bai, Lu); Wang, HY (Wang, Haoyu); Ma, YT (Ma, Yantao); Guan, X (Guan, Xin); Wang, CY (Wang, Changyuan); Yang, HZ (Yang, Hongzhi)

来源出版物: FOOD RESEARCH INTERNATIONAL 卷: 162 文献号: 111693

DOI: 10.1016/j.foodres.2022.111693 子辑: A 出版年: DEC 2022

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:000869492300010

文献类型: Article

作者关键词: Variety; Origin; Quinoa; Metabolomics; Quality; Structure; UHPLC-QE HF HRMS processing

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**KeyWords Plus:** ANTIOXIDANT PROPERTIES; FATTY-ACID; SAPONINS;  
PROFILE; WILLD.; GRAIN

地址: [Feng, Yuchao; Zhang, Shu; Wu, Tong; Bai, Lu; Wang, Haoyu; Ma, Yantao;  
Guan, Xin; Wang, Changyuan; Yang, Hongzhi] Heilongjiang Bayi Agr Univ, Coll Food,  
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研究方向: Food Science & Technology

**ISSN:** 0963-9969

**eISSN:** 1873-7145

输出日期: 2022-12-28

---

## 第 2 条

标题: In vitro fermentation of fructooligosaccharide and galactooligosaccharide and  
their effects on gut microbiota and SCFAs in infants

作者: Yao, D (Yao, Di); Wu, MN (Wu, Mengna); Dong, Y (Dong, Ying); Ma, LX (Ma,  
Lixue); Wang, XY (Wang, Xiaoyu); Xu, L (Xu, Lei); Yu, QR (Yu, Qiaoru); Zheng, XQ  
(Zheng, Xiqun)

来源出版物: JOURNAL OF FUNCTIONAL FOODS 卷: 99 文献号: 105329

**DOI:** 10.1016/j.jff.2022.105329 出版年: DEC 2022

**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:000892260300001

文献类型: Article

作者关键词: Metagenome; Short -chain fatty acid; Gut microbiota;  
Fructooligosaccharides; Galactooligosaccharides; In vitro fermentation

**KeyWords Plus:** INTESTINAL MICROBIOME; OLIGOSACCHARIDES; FORMULA;  
SUPPLEMENTATION; LACTOBACILLUS; MODULATION; PROTEIN; CEREAL

地址: [Yao, Di; Wu, Mengna; Ma, Lixue; Wang, Xiaoyu; Xu, Lei; Yu, Qiaoru; Zheng,  
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研究方向: Food Science & Technology; Nutrition & Dietetics

**ISSN:** 1756-4646

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**eISSN:** 2214-9414

输出日期: 2022-12-28

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### 第 3 条

**标题:** Simultaneous Determination of 11 Mycotoxins in Maize via Multiple-Impurity Adsorption Combined with Liquid Chromatography-Tandem Mass Spectrometry

**作者:** Guan, X (Guan, Xin); Feng, YC (Feng, Yuchao); Suo, DC (Suo, Decheng); Xiao, ZM (Xiao, Zhiming); Wang, S (Wang, Shi); Liang, Y (Liang, Ying); Fan, X (Fan, Xia)

**来源出版物:** FOODS 卷: 11 期: 22 文献号: 3624 **DOI:** 10.3390/foods11223624

出版年: NOV 2022

**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:000887285600001

文献类型: Article

**作者关键词:** multiple-impurity adsorption; liquid chromatography-tandem mass spectrometry; mycotoxins; simultaneous detection

**KeyWords Plus:** HT-2 TOXINS; LC-MS/MS; AFLATOXINS; EXTRACTION; T-2; OCHRATOXIN; PRODUCTS; CEREALS; FEED; FOOD

**地址:** [Guan, Xin; Feng, Yuchao; Liang, Ying] Heilongjiang Bayi Agr Univ, Coll Food, Daqing 163000, Peoples R China.

[Guan, Xin; Feng, Yuchao; Suo, Decheng; Xiao, Zhiming; Wang, Shi; Fan, Xia] Chinese Acad Agr Sci, Inst Agr Qual Stand & Testing Technol, Beijing 100081, Peoples R China.

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**研究方向:** Food Science & Technology

**eISSN:** 2304-8158

输出日期: 2022-12-28

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### 第 4 条

**标题:** Production of Corn Protein Hydrolysate with Glutamine-Rich Peptides and Its Antagonistic Function in Ulcerative Colitis In Vivo

**作者:** Jing, Y (Jing, Yan); Liu, XL (Liu, Xiaolan); Wang, JY (Wang, Jinyu); Ma, YQ (Ma, Yongqiang); Zheng, XQ (Zheng, Xiqun)

**来源出版物:** FOODS 卷: 11 期: 21 文献号: 3359 **DOI:** 10.3390/foods11213359

出版年: NOV 2022

**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:000883610300001

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文献类型: Article

作者关键词: corn gluten meal; glutamine; ulcerative colitis

**KeyWords Plus:** SIMULATED GASTROINTESTINAL DIGESTION;  
INFLAMMATORY-BOWEL-DISEASE; OXIDATIVE STRESS; TNF-ALPHA;  
IDENTIFICATION; ZEIN

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Bioengn, Key Lab Corn Deep Proc Theory & Technol Heilongji, Qiqihar 161006,  
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研究方向: Food Science & Technology

**eISSN:** 2304-8158

输出日期: 2022-12-28

---

## 第 5 条

标题: Phenolic features and anthocyanin profiles in winemaking pomace and fresh  
berries of grapes with different pedigrees

作者: Zhu, L (Zhu, Lei); Wu, X (Wu, Xin); Hu, XX (Hu, Xixi); Li, XY (Li, Xinyue); Lv, SS  
(Lv, Shanshan); Zhan, C (Zhan, Chuan); Chen, YH (Chen, Yunhua); Wang, CY  
(Wang, Changyuan); Xu, JY (Xu, Jingyu)

来源出版物: FOOD SCIENCE AND BIOTECHNOLOGY

**DOI:** 10.1007/s10068-022-01181-1 提前访问日期: OCT 2022

**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:000875589900001

文献类型: Article; Early Access

作者关键词: Winemaking pomace; Phenolic content; Anthocyanin profile; Antioxidant  
activity

**KeyWords Plus:** ANTIOXIDANT PROPERTIES; DIETARY FIBER; RED WINES;  
CULTIVARS; STABILITY; VARIETIES; SKINS

地址: [Zhu, Lei; Wu, Xin; Li, Xinyue; Lv, Shanshan; Zhan, Chuan; Chen, Yunhua;  
Wang, Changyuan] Heilongjiang Bayi Agr Univ, Coll Food Sci & Technol, Daqing  
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研究方向: Food Science & Technology

ISSN: 1226-7708

eISSN: 2092-6456

输出日期: 2022-12-28

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### Science & Technology - Other Topics

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#### 第 1 条

标题: Systematic Modeling and Policy Analysis on the Urban Water-Energy Nexus for Sustainable Resources Management

作者: Wang, YS (Wang, Yongsheng); Kou, CH (Kou, Chenhuan); Zhai, XJ (Zhai, Xujun)

来源出版物: SUSTAINABILITY 卷: 14 期: 23 文献号: 15724

DOI: 10.3390/su142315724 出版年: DEC 2022

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:000896037500001

文献类型: Article

作者关键词: water-energy nexus; system dynamics; policy arrangements

**KeyWords Plus:** MULTIREGIONAL INPUT-OUTPUT; NETWORK ANALYSIS; CHINA; COMPLEXITY; DYNAMICS

地址: [Wang, Yongsheng] Jiangsu Univ Sci & Technol, Sch Humanities & Social Sci, Zhenjiang 212100, Peoples R China.

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

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**eISSN:** 2071-1050

输出日期: 2022-12-28

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## 第 2 条

**标题:** Postharvest treatments with MnCl<sub>2</sub> and ZnCl<sub>2</sub> reduce enzymatic browning and enhance antioxidant accumulation in soya bean sprout

**作者:** Jin, XJ (Jin, Xijun); Zhou, WX (Zhou, Weixin); Cao, L (Cao, Liang); Zhang, YX (Zhang, Yuxian)

**来源出版物:** SCIENTIFIC REPORTS 卷: 12 期: 1 文献号: 18454

**DOI:** 10.1038/s41598-022-23367-7 出版年: NOV 2 2022

**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:000878306800010

文献类型: Article

**KeyWords Plus:** PHENYLALANINE AMMONIA-LYASE;  
SUPEROXIDE-DISMUTASE; POLYPHENOL OXIDASE; PHENOLIC-COMPOUNDS;  
STRESS TOLERANCE; QUALITY; ENZYMES; GLUTATHIONE; PEROXIDASE;  
LETTUCE

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**研究方向:** Science & Technology - Other Topics

**ISSN:** 2045-2322

输出日期: 2022-12-28

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## 第 3 条

**标题:** Evaluation of energy-saving retrofits for sunspace of rural residential buildings based on orthogonal experiment and entropy weight method

**作者:** Li, Q (Li, Qing); Hu, H (Hu, Hao); Ma, LY (Ma, Lingyong); Wang, ZG (Wang, Zhiguo); Arici, M (Arici, Muslum); Li, D (Li, Dong); Luo, D (Luo, Dan); Jia, JJ (Jia, Jiaojiao); Jiang, W (Jiang, Wei); Qi, HB (Qi, Hanbing)

**来源出版物:** ENERGY FOR SUSTAINABLE DEVELOPMENT 卷: 70 页: 569-580

**DOI:** 10.1016/j.esd.2022.09.007 出版年: OCT 2022

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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:000877013400003

文献类型: Article

作者关键词: Rural residence; Sunspace; Entropy value method; Heating energy consumption; Orthogonal experiment; Optimal scheme selection

**KeyWords Plus:** THERMAL PERFORMANCE; TROMBE WALL; OPTIMIZATION; DESIGN; CONSUMPTION; EFFICIENCY; SYSTEM; ARCHITECTURE; INTEGRATION; BEHAVIOR

地址: [Li, Qing; Hu, Hao; Ma, Lingyong; Wang, Zhiguo; Li, Dong; Luo, Dan; Jia, Jiaojiao; Qi, Hanbing] Northeast Petr Univ, Sch Architecture & Civil Engn, Daqing 163318, Peoples R China.

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

**ISSN:** 0973-0826

**eISSN:** 2352-4669

输出日期: 2022-12-28

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#### 第 4 条

标题: Optimization of technique parameters of pneumatic molding for rice straw bowl tray

作者: Li, HL (Li, Hailiang); Wang, C (Wang, Chun); Sun, HT (Sun, Haitian); Zou, HF (Zou, Huafen); Wang, HX (Wang, Hongxuan); Wang, HY (Wang, Huiyuan); Liu, XY (Liu, Xinyu); Yu, ZZ (Yu, Zhenzhen)

来源出版物: PLOS ONE 卷: 17 期: 9 文献号: e0270421

**DOI:** 10.1371/journal.pone.0270421 出版年: SEP 6 2022

**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:000892364500003

文献类型: Article

**KeyWords Plus:** CONTAINERS

地址: [Li, Hailiang; Wang, Chun; Sun, Haitian; Zou, Huafen; Wang, Hongxuan; Liu, Xinyu; Yu, Zhenzhen] Chinese Acad Trop Agr Sci, South Subtrop Crop Res Inst, Hainan Prov Key Lab Trop Crop Nutr, Zhanjiang, Peoples R China.

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研究方向: Science & Technology - Other Topics

**ISSN:** 1932-6203

输出日期: 2022-12-28

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### Biochemistry & Molecular Biology

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#### 第 1 条

标题: Structure, Function, and Applications of Soybean Calcium Transporters

作者: Jia, BW (Jia, Bowei); Li, Y (Li, Yuan); Sun, XL (Sun, Xiaoli); Sun, MZ (Sun, Mingzhe)

来源出版物: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

卷: 23 期: 22 文献号: 14220 DOI: 10.3390/ijms232214220 出版年: NOV 2022

**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:000887508300001

文献类型: Review

作者关键词: calcium; calcium transporter; Glycine max; stress response

**KeyWords Plus:** CONFERS SALT TOLERANCE; PLASMA-MEMBRANE CA<sup>2+</sup>; POLLEN-TUBE GROWTH; GATED ION CHANNELS; ENDOPLASMIC-RETICULUM; GENE FAMILY; PROTEOMIC ANALYSIS; ARABIDOPSIS MCA1; STRESS TOLERANCE; PROTEIN-KINASE

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研究方向: Biochemistry & Molecular Biology; Chemistry

**eISSN:** 1422-0067

输出日期: 2022-12-28

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#### 第 2 条

标题: Integrated High-Throughput Sequencing, Microarray Hybridization and Degradome Analysis Uncovers MicroRNA-Mediated Resistance Responses of Maize to Pathogen *Curvularia lunata*



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作者: Wang, WW (Wang, Weiwei); Liu, Z (Liu, Zhen); An, XY (An, Xinyuan); Jin, YZ (Jin, Yazhong); Hou, JM (Hou, Jumei); Liu, T (Liu, Tong)

来源出版物: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

卷: 23 期: 22 文献号: 14038 DOI: 10.3390/ijms232214038 出版年: NOV 2022

**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:000887486000001

文献类型: Article

作者关键词: disease resistance; Huangzao 4; Luyuan; PC-732; PC-169; stem-loop RT-PCR

**KeyWords Plus:** SMALL RNAS; PSEUDOMONAS-SYRINGAE; TRANSCRIPTION FACTOR; IDENTIFICATION; ARABIDOPSIS; TARGETS; EXPRESSION; MIRNA; SUPPRESSION; PROTEOMICS

地址: [Wang, Weiwei; Liu, Zhen; An, Xinyuan; Hou, Jumei; Liu, Tong] Hainan Univ, Key Lab Green Prevent & Control Trop Dis & Pests, Minist Educ, Haikou 570228, Hainan, Peoples R China.

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研究方向: Biochemistry & Molecular Biology; Chemistry

eISSN: 1422-0067

输出日期: 2022-12-28

---

### 第 3 条

标题: Protein O-GlcNAcylation in Metabolic Modulation of Skeletal Muscle: A Bright but Long Way to Go

作者: Liu, Y (Liu, Yang); Hu, YJ (Hu, Yajie); Li, SZ (Li, Shize)

来源出版物: METABOLITES 卷: 12 期: 10 文献号: 888

DOI: 10.3390/metabo12100888 出版年: OCT 2022

**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:000875260300001

文献类型: Review

作者关键词: O-GlcNAcylation; skeletal muscle; hexosamine biosynthetic pathway; metabolism; exercise

**KeyWords Plus:** LINKED N-ACETYLGLUCOSAMINYLATION; HEXOSAMINE BIOSYNTHETIC-PATHWAY; GLCNAC-MODIFICATION; INSULIN-RESISTANCE; POSTTRANSLATIONAL MODIFICATION; FIBER TYPES; NUCLEOCYTOPLASMIC

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GLYCOSYLATION; PROTEOMICS REVEALS; ACETYL-GLUCOSAMINE;  
NUTRIENT SENSOR

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研究方向: Biochemistry & Molecular Biology

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输出日期: 2022-12-28

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### Biotechnology & Applied Microbiology

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#### 第 1 条

标题: Effect of Homo-Fermentative Lactic Acid Bacteria Inoculants on Fermentation Characteristics and Bacterial and Fungal Communities in Alfalfa Silage

作者: Li, YB (Li, Yanbing); da Silva, EB (da Silva, E. B.); Li, JC (Li, Jingchun); Kung, L (Kung, L.)

来源出版物: FERMENTATION-BASEL 卷: 8 期: 11 文献号: 621

DOI: 10.3390/fermentation8110621 出版年: NOV 2022

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:000881253600001

文献类型: Article

作者关键词: microbial inoculants; alfalfa silage; dry matter; microbial community; relative abundance

**KeyWords Plus:** AEROBIC STABILITY; LACTOBACILLUS-PLANTARUM; CORN; TEMPERATURE; PROTEOLYSIS; BUCHNERI

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研究方向: Biotechnology & Applied Microbiology; Food Science & Technology

eISSN: 2311-5637

输出日期: 2022-12-28

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## 第 2 条

标题: Inversion method of particle size distribution of milk fat based on improved MPGA

作者: Ding, GC (Ding, Guochao); Zhou, Z (Zhou, Zhen); Wu, Y (Wu, Yu); Ji, P (Ji, Peng)

来源出版物: FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY

卷: 10 文献号: 964057 DOI: 10.3389/fbioe.2022.964057 出版年: SEP 7 2022

**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:000871734100001

文献类型: Article

作者关键词: MPGA; regularization; total light scattering method; dependent; particle size distribution

**KeyWords Plus:** LIGHT-SCATTERING

地址: [Ding, Guochao; Wu, Yu] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing, Peoples R China.

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研究方向: Biotechnology & Applied Microbiology; Science & Technology - Other Topics

**ISSN:** 2296-4185

输出日期: 2022-12-28

---

## 第 3 条

标题: Inversion method of particle size distribution of milk fat based on improved MPGA

作者: Ding, GC (Ding, Guochao); Zhou, Z (Zhou, Zhen); Wu, Y (Wu, Yu); Ji, P (Ji, Peng)

来源出版物: FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY

卷: 10 文献号: 093111 DOI: 10.3389/fbioe.2022.964057 出版年: SEP 7 2022

**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:000875006300001

文献类型: Article

作者关键词: MPGA; regularization; total light scattering method; dependent; particle sizedistribution

**KeyWords Plus:** LIGHT-SCATTERING

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研究方向: Biotechnology & Applied Microbiology; Science & Technology - Other Topics

ISSN: 2296-4185

输出日期: 2022-12-28

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### Environmental Sciences & Ecology

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#### 第 1 条

标题: Fast detection of volatile fatty acids in biogas slurry using NIR spectroscopy combined with feature wavelength selection

作者: Xu, YH (Xu, Yonghua); Liu, JM (Liu, Jinming); Sun, Y (Sun, Yong); Chen, SP (Chen, Shaopeng); Miao, XY (Miao, Xinying)

来源出版物: SCIENCE OF THE TOTAL ENVIRONMENT 卷: 857 文献号: 159282

DOI: 10.1016/j.scitotenv.2022.159282 子辑: 1 出版年: JAN 20 2023

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:000874751300014

文献类型: Article

作者关键词: Volatile fatty acids; Near-infrared spectroscopy; Partial least squares; Competitive adaptive reweighted sampling; Simulated annealing binary particle swarm&nbsp; optimization algorithm

KeyWords Plus: NEAR-INFRARED SPECTROSCOPY; OPTIMIZATION

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研究方向: Environmental Sciences & Ecology

ISSN: 0048-9697

eISSN: 1879-1026



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输出日期: 2022-12-28

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## 第 2 条

标题: Characterization of the complete mitochondrial genomes of *Diplodiscus japonicus* and *Diplodiscus mehari* (Trematoda: Diplodiscidae): Comparison with the members of the superfamily Paramphistomoidea and phylogenetic implication

作者: An, Q (An, Qi); Qiu, YY (Qiu, Yang-Yuan); Lou, Y (Lou, Yan); Jiang, Y (Jiang, Yan); Qiu, HY (Qiu, Hong-Yu); Zhang, ZH (Zhang, Zhong-Huai); Li, B (Li, Ben); Zhang, AH (Zhang, Ai-Hui); Wei, W (Wei, Wei); Chen, YY (Chen, Ying-Yu); Gao, JF (Gao, Jun-Feng); Wang, CR (Wang, Chun-Ren)

来源出版物: INTERNATIONAL JOURNAL FOR PARASITOLOGY-PARASITES AND WILDLIFE

卷: 19 页: 9-17 DOI: 10.1016/j.ijppaw.2022.07.009 出版年: DEC 2022

**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:000876999800002

文献类型: Article

作者关键词: *Diplodiscus japonicus*; *Diplodiscus mehari*; Paramphistomidae; Mitochondrial genome; Sequence analysis; Phylogenetic analyses

**KeyWords Plus:** DNA; PLATYHELMINTHES; SOFTWARE; PROGRAM; HISTORY

地址: [An, Qi; Jiang, Yan; Qiu, Hong-Yu; Zhang, Zhong-Huai; Li, Ben; Zhang, Ai-Hui; Wei, Wei; Chen, Ying-Yu; Gao, Jun-Feng; Wang, Chun-Ren] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Heilongjiang Prov Key Lab Prevent & Control Bovin, Daqing 163316, Heilongjiang, Peoples R China.

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研究方向: Environmental Sciences & Ecology; Parasitology

ISSN: 2213-2244

输出日期: 2022-12-28

---

## 第 3 条

标题: Hexavalent chromium-induced toxic effects on the hematology, redox state, and apoptosis in *Cyprinus carpio*

作者: Shi, YC (Shi, Yan-Chao); Zhao, YR (Zhao, Yi-Ran); Zhang, AZ (Zhang, Ai-Zhong); Zhao, L (Zhao, Lei); Yu, Z (Yu, Zhe); Li, MY (Li, Mu-Yang)

来源出版物: REGIONAL STUDIES IN MARINE SCIENCE 卷: 56

文献号: 102676 DOI: 10.1016/j.rsma.2022.102676 出版年: NOV 2022

**Web of Science** 核心合集中的 "被引频次": 0

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被引频次合计: 0

入藏号: WOS:000886529300002

文献类型: Article

作者关键词: Hexavalent chromium; Oxidative stress; Apoptosis; Digestive enzyme

**KeyWords Plus:** OXIDATIVE STRESS; SEBASTES-SCHLEGELII; SIGNALING MOLECULES; DISEASE RESISTANCE; JUVENILE ROCKFISH; TIGHT JUNCTION; IMMUNE; EXPRESSION; BIOACCUMULATION; ACCUMULATION

地址: [Shi, Yan-Chao; Zhang, Ai-Zhong; Zhao, Lei; Li, Mu-Yang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Environmental Sciences & Ecology; Marine & Freshwater Biology

**ISSN:** 2352-4855

输出日期: 2022-12-28

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## Immunology

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### 第 1 条

标题: Global prevalence and risk factors of Cryptosporidium infection in Equus: A systematic review and meta-analysis

作者: Li, XM (Li, Xiao-Man); Geng, HL (Geng, Hong-Li); Wei, YJ (Wei, Yong-Jie); Yan, WL (Yan, Wei-Lan); Liu, J (Liu, Jing); Wei, XY (Wei, Xin-Yu); Zhang, M (Zhang, Miao); Wang, XY (Wang, Xiang-Yu); Zhang, XX (Zhang, Xiao-Xuan); Liu, G (Liu, Gang)

来源出版物: FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY

卷: 12 文献号: 1072385 DOI: 10.3389/fcimb.2022.1072385 出版年: NOV 25 2022

**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:000894762500001

文献类型: Review

作者关键词: Cryptosporidium; Equus; meta-analysis; prevalence; zoonotic diseases

**KeyWords Plus:** EQUINE CRYPTOSPORIDIUM; MOLECULAR

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CHARACTERIZATION; GENETIC-CHARACTERIZATION; EPIDEMIOLOGIC SURVEY; FECAL SAMPLES; GIARDIA; HORSES; FOALS; SPP.; IDENTIFICATION

地址: [Li, Xiao-Man; Geng, Hong-Li; Wei, Yong-Jie; Yan, Wei-Lan; Zhang, Miao; Wang, Xiang-Yu; Zhang, Xiao-Xuan; Liu, Gang] Qingdao Agr Univ, Coll Vet Med, Qingdao, Shandong, Peoples R China.

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研究方向: Immunology; Microbiology

ISSN: 2235-2988

输出日期: 2022-12-28

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## 第 2 条

标题: CircRNA and miRNA expression analysis in livers of mice with *Toxoplasma gondii* infection

作者: Zou, Y (Zou, Yang); Meng, JX (Meng, Jin-Xin); Wei, XY (Wei, Xin-Yu); Gu, XY (Gu, Xiao-Yi); Chen, C (Chen, Chao); Geng, HL (Geng, Hong-Li); Yang, LH (Yang, Li-Hua); Zhang, XX (Zhang, Xiao-Xuan); Cao, HW (Cao, Hong-Wei)

来源出版物: FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY

卷: 12 文献号: 1037586 DOI: 10.3389/fcimb.2022.1037586 出版年: OCT 27 2022

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:000885138500001

文献类型: Article

作者关键词: toxoplasma gondii; non-coding RNAs; high-throughput RNA sequencing; liver; networks

**KeyWords Plus:** TUMOR-NECROSIS-FACTOR; CHAIN AMINO-ACIDS; CIRCULAR RNAS; MICRORNA; SUPPLEMENTATION; HEPATITIS; ADHESION; ALPHA; CELLS; ROLES

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研究方向: Immunology; Microbiology  
**ISSN:** 2235-2988  
输出日期: 2022-12-28

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### 第 3 条

**标题:** Prevalence of bovine rotavirus among Bovidae in China during 1984-2021: A systematic review and meta-analysis  
**作者:** Qin, YF (Qin, Yi-Feng); Gong, QL (Gong, Qing-Long); Zhang, M (Zhang, Miao); Sun, ZY (Sun, Zheng-Yao); Wang, W (Wang, Wei); Wei, XY (Wei, Xin-Yu); Chen, Y (Chen, Yu); Zhang, Y (Zhang, Yuan); Zhao, Q (Zhao, Quan); Jiang, J (Jiang, Jing)  
**来源出版物:** MICROBIAL PATHOGENESIS 卷: 169 文献号: 105661  
**DOI:** 10.1016/j.micpath.2022.105661 出版年: AUG 2022  
**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:000888223600002  
文献类型: Review  
作者关键词: China; Bovidae; Bovine rotavirus; Prevalence; Meta-analysis  
**KeyWords Plus:** MOLECULAR CHARACTERIZATION; TRANSMISSION; DIARRHEA; SURVEILLANCE; TEMPERATURE; STRAIN; CHILD; AGE  
地址: [Qin, Yi-Feng; Zhao, Quan; Jiang, Jing] Changchun Sci Tech Univ, Coll Life Sci, Shuangyang 130600, Jilin, Peoples R China.  
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研究方向: Immunology; Microbiology  
**ISSN:** 0882-4010



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eISSN: 1096-1208

输出日期: 2022-12-28

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## Microbiology

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### 第 1 条

标题: A Catalog of over 5,000 Metagenome-Assembled Microbial Genomes from the Caprinae Gut Microbiota

作者: Zhang, XX (Zhang, Xiao-Xuan); Lv, QB (Lv, Qing-Bo); Yan, QL (Yan, Qiu-Long); Zhang, Y (Zhang, Yue); Guo, RC (Guo, Ruo-Chun); Meng, JX (Meng, Jin-Xin); Ma, H (Ma, He); Qin, SY (Qin, Si-Yuan); Zhu, QH (Zhu, Qing-He); Li, CQ (Li, Chun-Qiu); Liu, R (Liu, Rui); Liu, G (Liu, Gang); Li, SH (Li, Sheng-Hui); Sun, DB (Sun, Dong-Bo); Ni, HB (Ni, Hong-Bo)

来源出版物: MICROBIOLOGY SPECTRUM DOI: 10.1128/spectrum.02211-22

提前访问日期: NOV 2022

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:000887976700001

文献类型: Article; Early Access

作者关键词: Caprinae; gut microbiota; metagenome-assembled genomes; microbial function

**KeyWords Plus:** READ ALIGNMENT; ACCURATE; EVOLUTION; BACTERIA; IMPACT; TOOL

地址: [Zhang, Xiao-Xuan; Lv, Qing-Bo; Meng, Jin-Xin; Ma, He; Liu, Rui; Liu, Gang; Ni, Hong-Bo] Qingdao Agr Univ, Coll Vet Med, Qingdao, Shandong, Peoples R China.

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研究方向: Microbiology  
**ISSN:** 2165-0497  
输出日期: 2022-12-28

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## 第 2 条

标题: Impact of *Weissella cibaria* BYL4.2 and its supernatants on *Penicillium chrysogenum* metabolism  
作者: Yao, D (Yao, Di); Wang, XY (Wang, Xiaoyu); Ma, LX (Ma, Lixue); Wu, MN (Wu, Mengna); Xu, L (Xu, Lei); Yu, QR (Yu, Qiaoru); Zhang, LY (Zhang, Liyuan); Zheng, XQ (Zheng, Xiqun)  
来源出版物: FRONTIERS IN MICROBIOLOGY 卷: 13 文献号: 983613  
**DOI:** 10.3389/fmicb.2022.983613 出版年: OCT 5 2022  
**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:000874607600001  
文献类型: Article  
作者关键词: antifungal effect; *Weissella cibaria*; *Penicillium chrysogenum*; LAB; metabolome  
**KeyWords Plus:** LACTIC-ACID BACTERIA  
地址: [Yao, Di; Wang, Xiaoyu; Ma, Lixue; Wu, Mengna; Xu, Lei; Yu, Qiaoru; Zhang, Liyuan; Zheng, Xiqun] Heilongjiang Bayi Agr Univ, Coll Food, Dept Food Sci & Engr, Daqing, Heilongjiang, Peoples R China.  
通讯作者地址: Yao, D; Zhang, LY; Zheng, XQ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Dept Food Sci & Engr, Daqing, Heilongjiang, Peoples R China.  
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研究方向: Microbiology  
**eISSN:** 1664-302X  
输出日期: 2022-12-28

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## 第 3 条

标题: Editorial: Advances in Microbial Iron Cycling

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作者: Yan, L (Yan, Lei); Li, SJ (Li, Sujun); Sivan, O (Sivan, Orit); Kasten, S (Kasten, Sabine)

来源出版物: FRONTIERS IN MICROBIOLOGY 卷: 13 文献号: 931648

DOI: 10.3389/fmicb.2022.931648 出版年: JUN 21 2022

**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:000886539100001

文献类型: Editorial Material

作者关键词: iron cycling; iron redox cycling bacteria; mechanisms; metagenomics; biomineral

**KeyWords Plus:** OXIDATION; MICROORGANISMS; METHANE

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研究方向: Microbiology

eISSN: 1664-302X

输出日期: 2022-12-28

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## Computer Science

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### 第 1 条

标题: Research on Improved DenseNets Pig Cough Sound Recognition Model Based on SENets

作者: Song, H (Song, Hang); Zhao, B (Zhao, Bin); Hu, J (Hu, Jun); Sun, HN (Sun, Haonan); Zhou, Z (Zhou, Zheng)

来源出版物: ELECTRONICS 卷: 11 期: 21 文献号: 3562

DOI: 10.3390/electronics11213562 出版年: NOV 2022

**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:000885815200001

文献类型: Article

作者关键词: porcine respiratory disease; porcine cough sound recognition; DenseNet; SENets

**KeyWords Plus:** RESPIRATORY-DISEASE; VIRUS

地址: [Song, Hang; Zhao, Bin; Hu, Jun; Sun, Haonan; Zhou, Zheng] Heilongjiang Bayi

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研究方向: Computer Science; Engineering; Physics

eISSN: 2079-9292

输出日期: 2022-12-28

---

## 第 2 条

标题: Research on a Sowing Depth Detection System Based on an Improved Adaptive Kalman Filtering Method

作者: Zhao, NC (Zhao, Naichen); Zhao, B (Zhao, Bin); Yi, SJ (Yi, Shujuan); Zhou, Z (Zhou, Zheng); Che, G (Che, Gang)

来源出版物: ELECTRONICS 卷: 11 期: 22 文献号: 3802

DOI: 10.3390/electronics11223802 出版年: NOV 2022

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:000887164700001

文献类型: Article

作者关键词: sowing depth; Kalman filter; data fusion; multi-sensor

地址: [Zhao, Naichen; Zhao, Bin; Yi, Shujuan; Zhou, Zheng; Che, Gang] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

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

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研究方向: Computer Science; Engineering; Physics

eISSN: 2079-9292

输出日期: 2022-12-28

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## Nutrition & Dietetics

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## 第 1 条

标题: Separation and purification of antioxidant peptides from purple speckled kidney bean by macroporous adsorption resin and analysis of amino acid composition

作者: Li, D (Li, Dan); Xu, XY (Xu, Xin-yu); Yang, Y (Yang, Yang); Wu, N (Wu, Na); Ma, ZQ (Ma, Zhan-qian); Zuo, F (Zuo, Feng); Zhang, N (Zhang, Na)

来源出版物: FRONTIERS IN NUTRITION 卷: 9 文献号: 1001456

DOI: 10.3389/fnut.2022.1001456 出版年: NOV 11 2022

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:000890224000001

文献类型: Article



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作者关键词: purple speckled kidney bean protein; antioxidant peptide; separation; purification; macroporous resin

**KeyWords Plus:** FUNCTIONAL-PROPERTIES; PROTEIN; SUCCINYLATION

地址: [Li, Dan; Zuo, Feng] Heilongjiang Bayi Agr Univ, Sch Food Sci, Daqing, Peoples R China.

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研究方向: Nutrition & Dietetics

**ISSN:** 2296-861X

输出日期: 2022-12-28

---

## 第 2 条

标题: Effects of in vitro digestion on protein degradation, phenolic compound release, and bioactivity of black bean tempeh

作者: Wang, K (Wang, Kun); Gao, YJ (Gao, Yongjiao); Zhao, J (Zhao, Jing); Wu, Y (Wu, Yue); Sun, JC (Sun, Jingchen); Niu, GC (Niu, Guangcai); Zuo, F (Zuo, Feng); Zheng, XQ (Zheng, Xiqun)

来源出版物: FRONTIERS IN NUTRITION 卷: 9 文献号: 1017765

**DOI:** 10.3389/fnut.2022.1017765 出版年: OCT 12 2022

**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:000876915900001

文献类型: Article

作者关键词: black bean; tempeh; antioxidant; ACE-inhibitory activity; bioaccessibility

**KeyWords Plus:** SOLID-STATE FERMENTATION; ACE INHIBITORY PEPTIDES; PHASEOLUS-VULGARIS L.; ANTIOXIDANT ACTIVITY; BIOCONVERSION; ENHANCEMENT; COOKING; IMPACT; BIOACCESSIBILITY; ISOFLAVONES

地址: [Wang, Kun; Gao, Yongjiao; Zhao, Jing; Wu, Yue; Sun, Jingchen; Niu, Guangcai; Zuo, Feng; Zheng, Xiqun] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing, Peoples R China.

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研究方向: Nutrition & Dietetics

ISSN: 2296-861X

输出日期: 2022-12-28

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## Virology

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### 第 1 条

标题: Quercetin Inhibits Hsp70 Blocking of Bovine Viral Diarrhea Virus Infection and Replication in the Early Stage of Virus Infection

作者: Chen, NN (Chen, Nannan); Liu, Y (Liu, Yu); Bai, TT (Bai, Tongtong); Chen, JW (Chen, Jinwei); Zhao, ZB (Zhao, Zhibo); Li, J (Li, Jing); Shao, BH (Shao, Baihui); Zhang, ZC (Zhang, Zecai); Zhou, YL (Zhou, Yulong); Wang, X (Wang, Xue); Zhu, ZB (Zhu, Zhanbo)

来源出版物: VIRUSES-BASEL 卷: 14 期: 11 文献号: 2365

DOI: 10.3390/v14112365 出版年: NOV 2022

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:000881465800001

文献类型: Article

作者关键词: BVDV; flaviviruses; antiviral; quercetin; Hsp70; inhibitor; oxidative stress

**KeyWords Plus:** HEPATITIS-C VIRUS; NF-KAPPA-B; OXIDATIVE STRESS; NS2B-NS3 PROTEASE; HEAT-SHOCK-PROTEIN-70; APOPTOSIS; CELLS

地址: [Chen, Nannan; Liu, Yu; Bai, Tongtong; Chen, Jinwei; Zhao, Zhibo; Li, Jing; Shao, Baihui; Zhang, Zecai; Zhou, Yulong; Wang, Xue; Zhu, Zhanbo] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

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研究方向: Virology

eISSN: 1999-4915

输出日期: 2022-12-28

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## 第 2 条

标题: Analysis of the Function of LncRNA-MSTRG.16919.1 in BHV-1-Infected Bovine Kidney Subculture Cells by Transcriptome Sequencing

作者: Zhang, F (Zhang, Fan); Jiang, KS (Jiang, Kunsheng); Wang, YC (Wang, Yuchun); Ma, JZ (Ma, Jinzhu); Song, BF (Song, Baifen)

来源出版物: VIRUSES-BASEL 卷: 14 期: 10 文献号: 2104

DOI: 10.3390/v14102104 出版年: OCT 2022

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:000875372900001

文献类型: Article

作者关键词: BHV-1; bioinformatic analysis; lncRNA; MDBK; transcriptome sequencing

**KeyWords Plus:** GENE-EXPRESSION; PATHWAY

地址: [Zhang, Fan; Song, Baifen] China Agr Univ, Coll Vet Med, Beijing 100091, Peoples R China.

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研究方向: Virology

eISSN: 1999-4915

输出日期: 2022-12-28

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## Cell Biology

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## 第 1 条

标题: Network analysis for the identification of hub genes and related molecules as potential biomarkers associated with the differentiation of bone marrow-derived stem cells into hepatocytes

作者: Han, YH (Han, Ying-Hao); He, XM (He, Xin-Mei); Lee, SJ (Lee, Seung-Jae); Mao, YY (Mao, Ying-Ying); Liu, XC (Liu, Xuan-Chen); Sun, HN (Sun, Hu-Nan); Jin,

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MH (Jin, Mei -Hua); Kwon, T (Kwon, Taeho)

来源出版物: AGING-US 卷: 14 期: 20 页: 8243-8257 出版年: OCT 24 2022

**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:000886109600007

文献类型: Article

作者关键词: hepatocytes; BMSCs; hub genes; miRNA; lncRNA

**KeyWords Plus:** IN-VITRO DIFFERENTIATION; HEPATIC DIFFERENTIATION;  
LIVER-REGENERATION; EXPRESSION

地址: [Han, Ying-Hao; He, Xin-Mei; Mao, Ying-Ying; Liu, Xuan-Chen; Sun, Hu-Nan;  
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研究方向: Cell Biology; Geriatrics & Gerontology

**ISSN:** 1945-4589

输出日期: 2022-12-28

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## Engineering

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### 第 1 条

标题: Estimation of the finite fault source model for the 2018 Mw7.1 Acari, Peru  
earthquake using a hybrid simulation prediction approach

作者: Jiang, W (Jiang, Wei); Li, ZY (Li, Zhaoyan)

来源出版物: SOIL DYNAMICS AND EARTHQUAKE ENGINEERING 卷: 164

文献号: 107613 DOI: 10.1016/j.soildyn.2022.107613 出版年: JAN 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:000882410700004



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文献类型: Article

作者关键词: Finite fault; Source model; Hybrid simulation; Asperity model; k-2 model

**KeyWords Plus:** STRONG GROUND MOTION; SEISMIC-WAVE PROPAGATION; BARRIER MODEL; TECTONIC STRESS; NEAR-SOURCE; SLIP; MAGNITUDE; INVERSION

地址: [Jiang, Wei; Li, Zhaoyan] Minist Emergency Management, Inst Engn Mech, Key Lab Earthquake Engn & Engn Vibrat, Key Lab Earthquake Disaster Mitigat, China Earthqua, Harbin 150080, Peoples R China.

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研究方向: Engineering; Geology

**ISSN:** 0267-7261

输出日期: 2022-12-28

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## Fisheries

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### 第 1 条

标题: Evaluation of Taraxacum mongolicum flavonoids in diets for Channa argus based on growth performance, immune responses, apoptosis and antioxidant defense system under lipopolysaccharide stress

作者: Du, JH (Du, Jia-Hua); Xu, MY (Xu, Meng-Yue); Wang, Y (Wang, Yi); Lei, Z (Lei, Zhao); Yu, Z (Yu, Zhe); Li, MY (Li, Mu-Yang)

来源出版物: FISH & SHELLFISH IMMUNOLOGY 卷: 131 页: 1224-1233

**DOI:** 10.1016/j.fsi.2022.11.034 出版年: DEC 2022

**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:000895528200002

文献类型: Article

作者关键词: Dandelion flavone; Anti-inflammation; Antioxidant; Apoptosis; Channa argus

**KeyWords Plus:** NF-KAPPA-B; OXIDATIVE STRESS; INDUCED INFLAMMATION; DISEASE RESISTANCE; REGEL; DANDELION; EXTRACT; POLYSACCHARIDES; LEAVES

地址: [Du, Jia-Hua; Xu, Meng-Yue; Wang, Yi; Lei, Zhao; Li, Mu-Yang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Fisheries; Immunology; Marine & Freshwater Biology; Veterinary Sciences

ISSN: 1050-4648

eISSN: 1095-9947

输出日期: 2022-12-28

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### Infectious Diseases

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#### 第 1 条

标题: Molecular Mechanism of Staphylococcus xylosus Resistance Against Tylosin and Florfenicol

作者: Chen, M (Chen, Mo); Li, YH (Li, Yanhua); Li, S (Li, Shu); Cui, WQ (Cui, Wenqiang); Zhou, YH (Zhou, Yonghui); Qu, QW (Qu, Qianwei); Che, RX (Che, Ruixiang); Li, L (Li, Lu); Yuan, SG (Yuan, Shuguang); Liu, X (Liu, Xin)

来源出版物: INFECTION AND DRUG RESISTANCE 卷: 15 页: 6165-6176

DOI: 10.2147/IDR.S379264 出版年: 2022

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:000877553200001

文献类型: Article

作者关键词: antimicrobial resistance; Staphylococcus xylosus; cross-resistance evolution; ribosomal protein L22

**KeyWords Plus:** COAGULASE-NEGATIVE STAPHYLOCOCCI; BOVINE SUBCLINICAL MASTITIS; ANTIMICROBIAL RESISTANCE; DAIRY HERDS; PROTEIN; PREVALENCE; MILK

地址: [Chen, Mo; Li, Yanhua; Qu, Qianwei] Northeast Agr Univ, Coll Vet Med, Harbin, Peoples R China.

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研究方向: Infectious Diseases; Pharmacology & Pharmacy

**ISSN:** 1178-6973

输出日期: 2022-12-28

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**Life Sciences & Biomedicine - Other Topics**

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**第 1 条**

标题: Contribution of Lactobacilli on Intestinal Mucosal Barrier and Diseases: Perspectives and Challenges of Lactobacillus casei

作者: Qin, D (Qin, Da); Ma, YX (Ma, Yixuan); Wang, YH (Wang, Yanhong); Hou, XL (Hou, Xilin); Yu, LY (Yu, Liyun)

来源出版物: LIFE-BASEL 卷: 12 期: 11 文献号: 1910

**DOI:** 10.3390/life12111910 出版年: NOV 2022

**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:000895392200001

文献类型: Review

作者关键词: Lactobacillus; intestinal mucosal barrier; GIT-related diseases; innate immunity

**KeyWords Plus:** IMMUNE-RESPONSE; DENDRITIC CELLS; GUT MICROBIOTA; ESCHERICHIA-COLI; TIGHT JUNCTION; T-CELLS; MACROPHAGE POLARIZATION; AMELIORATES COLITIS; GROWTH-PERFORMANCE; ORAL IMMUNIZATION

地址: [Qin, Da; Ma, Yixuan; Wang, Yanhong; Yu, Liyun] Heilongjiang Bayi Agr Univ, Coll Life Sci & Biotechnol, Heilongjiang Prov Key Lab Environm Microbiol & Rec, Daqing 163319, Peoples R China.

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

Hou, XL; Yu, LY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Technol, Daqing 163319, Peoples R China.

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研究方向: Life Sciences & Biomedicine - Other Topics; Microbiology

**eISSN:** 2075-1729

输出日期: 2022-12-28

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## Psychology

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### 第 1 条

标题: Creative thinking in the teaching of Chinese language and literature in colleges from the perspective of educational psychology

作者: Zhong, L (Zhong, Li)

来源出版物: FRONTIERS IN PSYCHOLOGY 卷: 13 文献号: 1018289

DOI: 10.3389/fpsyg.2022.1018289 出版年: OCT 13 2022

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:000877512200001

文献类型: Article

作者关键词: educational psychology; Chinese language; literature major; professional education; creative application; organizational psychology

KeyWords Plus: LEARNERS; DESIGN

地址: [Zhong, Li] Heilongjiang Bayi Agr Univ, Coll Humanities & Social Sci, Daqing, Peoples R China.

通讯作者地址: Zhong, L (通讯作者), Heilongjiang Bayi Agr Univ, Coll Humanities & Social Sci, Daqing, Peoples R China.

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研究方向: Psychology

ISSN: 1664-1078

输出日期: 2022-12-28

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## Reproductive Biology

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### 第 1 条

标题: Dexamethasone affects the chemotaxis and phagocytic activity of neutrophils for boar spermatozoa and the quality of liquid preserved boar semen in vitro

作者: Li, JC (Li, Jing-Chun); Wang, S (Wang, Shuo); Wang, HC (Wang, He-Chuan); Zhang, Q (Zhang, Qun); Wang, Q (Wang, Qian); Guo, MH (Guo, Ming-Hui); Zhang, H (Zhang, Han); Li, TF (Li, Tian-Feng); Guo, Q (Guo, Qing); Li, YB (Li, Yan-Bing); Wei, GS (Wei, Guo-Sheng)

来源出版物: THERIOGENOLOGY 卷: 195 页: 46-54

DOI: 10.1016/j.theriogenology.2022.10.012 出版年: JAN 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:000879549400004

文献类型: Article

作者关键词: Dexamethasone; Polymorphonuclear neutrophils; Chemotaxis; Phagocytosis; Sperm quality



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**KeyWords Plus:** SEMINAL PLASMA; ARTIFICIAL-INSEMINATION;  
INFLAMMATORY RESPONSE; HUMAN-PAPILLOMAVIRUS;  
NEGATIVE-PRESSURE; SPERM; FERTILITY; STORAGE; FRESH;  
GLUCOCORTICIDS

地址: [Li, Jing-Chun; Wang, Shuo; Wang, He-Chuan; Zhang, Qun; Wang, Qian; Guo, Ming-Hui; Zhang, Han; Li, Tian-Feng; Guo, Qing; Li, Yan-Bing; Wei, Guo-Sheng] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

[Li, Yan-Bing] Heilongjiang Bayi Agr Univ, Heilongjiang Key Lab Efficient Utilizat Feed Resou, Daqing 163319, Heilongjiang, Peoples R China.

通讯作者地址: Li, JC; Wei, GS (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: elj863@163.com; weigs63@163.com

研究方向: Reproductive Biology; Veterinary Sciences

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### Spectroscopy

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#### 第 1 条

标题: Optimization of Seed Vigor Near-Infrared Detection by Coupling Mean Impact Value With Successive Projection Algorithm

作者: Yang, DF (Yang Dong-feng); Li, ACA (Li Ai-chuan); Liu, JM (Liu Jin-ming); Chen, ZG (Chen Zheng-guang); Shi, C (Shi Chuang); Hu, J (Hu Jun)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 42 期: 10

页: 3135-3142 DOI: 10.3964/j.issn.1000-0593(2022)10-3135-08 出版年: OCT 2022

**Web of Science** 核心合集中的 "被引频次": 0

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入藏号: WOS:000891901900025

文献类型: Article

作者关键词: Near infrared spectroscopy; Seed vigor; Maize; Mean impact value; Successive projection algorithm

**KeyWords Plus:** PREDICTION; SELECTION; SPECTRA

地址: [Yang Dong-feng; Li Ai-chuan; Liu Jin-ming; Chen Zheng-guang; Shi Chuang] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engn, Daqing 163319, Peoples R China.

[Hu Jun] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

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

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研究方向: Spectroscopy

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ISSN: 1000-0593

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**Veterinary Sciences**

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**第 1 条**

标题: beta-hydroxybutyrate impairs monocyte function via the ROS-NLR family pyrin domain-containing three inflammasome (NLRP3) pathway in ketotic cows

作者: Dong, ZH (Dong, Zhihao); Sun, XD (Sun, Xudong); Tang, Y (Tang, Yan); Luo, SB (Luo, Shengbin); Jia, HD (Jia, Hongdou); Xu, QS (Xu, Qiushi); Jiang, QM (Jiang, Qianming); Loo, JJ (Loo, Juan J.); Xu, W (Xu, Wei); Xu, C (Xu, Chuang)

来源出版物: FRONTIERS IN VETERINARY SCIENCE 卷: 9 文献号: 925900

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文献类型: Article

作者关键词: ketosis; monocytes; beta-hydroxybutyric acid; oxidative stress; phagocytosis

**KeyWords Plus:** OXIDATIVE STRESS; SUBCLINICAL KETOSIS; DAIRY-COWS; IMMUNE-RESPONSE; PERIPHERAL-BLOOD; NADPH OXIDASE; KETONE-BODIES; FATTY-ACIDS; HYPERKETONEMIA; ACTIVATION

地址: [Dong, Zhihao; Sun, Xudong; Tang, Yan; Luo, Shengbin; Jia, Hongdou; Xu, Qiushi; Xu, Chuang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Heilongjiang Prov Key Lab Prevent & Control Bovine, Daqing, Peoples R China.

[Jiang, Qianming; Loo, Juan J.] Univ Illinois, Dept Anim Sci, Mammalian NutriPhysioGen, Urbana, IL USA.

[Jiang, Qianming; Loo, Juan J.] Univ Illinois, Div Nutr Sci, Urbana, IL USA.

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

电子邮件地址: xuchuang7175@163.com

研究方向: Veterinary Sciences

eISSN: 2297-1769

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# EI 收录情况

(2022. 11. 03–2022. 12. 28)

EI 索引库共收录我校教师发表的 30 篇文献，文献详细题录信息如下。

---

## 1. Optimization of Seed Vigor Near-Infrared Detection by Coupling Mean Impact Value With Successive Projection Algorithm (-)

Yang, Dong-Feng (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Li, Ai-Chuan; Liu, Jin-Ming; Chen, Zheng-Guang; Shi, Chuang; Hu, Jun **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, v 42, n 10, p 3135-3142, October 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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## 2. Effect of magnetic field intensity on the microstructure and abrasion resistance of magnetic electrodeposited Ni - Co - SiC thin films

Dong, Xiaowei (School of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Yin, Bo; Zhu, Chunyan; Wang, Ming; Li, Weikai; Li, Qingda **Source:** *Ceramics International*, v 49, n 1, p 1479-1486, January 1, 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## 3. Kinematics Modeling and Simulation of Paddy Field Leveler Working Device (*Open Access*)

Qi, Zengkun (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing, Heilongjiang; 163319, China); Wang, Xi **Source:** *Advances in Transdisciplinary Engineering*, v 24, p 498-503, September 22, 2022, *Advances in Machinery, Materials Science and Engineering Application - Proceedings of the 8th International Conference on Advances in Machinery, Materials Science and Engineering Application, MMSE 2022*

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

**Database:** Compendex

**Data Provider:** Engineering Village

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## 4. A recognition method of mushroom mycelium varieties based on near-infrared spectroscopy and deep learning model

Guan, Haiou (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Yu, Miao; Ma, Xiaodan; Li, Linyang;

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Yang, Chen; Yang, Jiao **Source:** *Infrared Physics and Technology*, v 127, December 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **5. The Antioxidant Activity and Structural Characteristics of Purple Kidney Bean Protein during Different Digestive Stages of Gastrointestinal ( )**

Jia, Bin (College of Food Science, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Mao, Xiaoyu; Xu, Xinyu; Yang, Hujun; Zhang, Huimin; Zuo, Feng

**Source:** *Journal of Chinese Institute of Food Science and Technology*, v 22, n 9, p 63-73, September 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **6. Effects of Straw Mulching on Soil Temperature and Maize Growth in Northeast China (Open Access)**

Liu, Shaodong (College of Civil Engineering and Water Conservancy, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Yi, Shujuan; Ma, Yongcai

**Source:** *Tehnicki Vjesnik*, v 29, n 6, p 1805-1810, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **7. Phenolic features and anthocyanin profiles in winemaking pomace and fresh berries of grapes with different pedigrees**

Zhu, Lei (College of Food Science and Technology, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Wu, Xin; Hu, Xixi; Li, Xinyue; Lv, Shanshan; Zhan, Chuan; Chen, Yunhua; Wang, Changyuan; Xu, Jingyu

**Source:** *Food Science and Biotechnology*, 2022 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

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### **8. Whole Genome Sequencing and Key Glycosidase Analysis of Paenarthrobacter ilicis CR5301, an Efficient Rebaudioside C-Converting Bacterium (CPaenarthrobacter ilicis CR5301)**

Li, Hongfei (National Coarse Cereals Engineering Research Center, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Sun, Daqing; Cao, Longkui

**Source:** *Shipin Kexue/Food Science*, v 43, n 18, p 166-175, September 25, 2022 **Language:** Chinese



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**Database:** Compendex

**Data Provider:** Engineering Village

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### **9. Effects of drying approaches combined with variable temperature and tempering on the physicochemical quality of rice**

Wang, Hongchao (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing, China); Che, Gang; Wan, Lin; Tang, Hao **Source:** *Drying Technology*, 2022 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

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### **10. Identification and analysis of antioxidant peptides from sorghum (*Sorghum bicolor* L. Moench) on the basis of in vitro simulated gastrointestinal digestion**

Jiang, Peng (College of Food Science, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Liu, Nian; Xiu, Yuyang; Wang, Wenhao; Wang, Changyuan; Zhang, Dongjie; Li, Zhijiang **Source:** *Food and Function*, v 13, n 18, p 9635-9644, August 9, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **11. Preparation and Structural Characterization of Mung Bean RS4•Se (IV) and Kinetics of Enzymatic Inhibition by It (RS4•Se(IV), )**

Zhao, Shuting (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Wang, Weihao; Quan, Zhigang; Wang, Juan; Liu, Dezhi; Wang, Yifei; Wu, Yunjiao; Su, Youtao; Wei, Chunhong; Cao, Longkui **Source:** *Shipin Kexue/Food Science*, v 43, n 20, p 53-62, October 25, 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **12. Sugarcane Yield GA BP Prediction Model Incorporating Field Water and Heat Factors (GA-BP)**

Yu, Zhenzhen (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Zou, Huafen; Yu, Deshui; Li, Hailiang; Sun, Haitian; Wang, Chun **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 53, n 10, p 277-283, October 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **13. Application of an Improved U-Net Neural Network on Fracture**

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## Segmentation from Outcrop Images

Wang, Zhibao (School of Computer and Information Technology, Northeast Petroleum University, Daqing, China); Zhang, Ziming; Bai, Lu; Yang, Yuze; Ma, Qiang **Source:** *International Geoscience and Remote Sensing Symposium (IGARSS)*, v 2022-July, p 3512-3515, 2022, *IGARSS 2022 - 2022 IEEE International Geoscience and Remote Sensing Symposium*

**Database:** Compendex

**Data Provider:** Engineering Village

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## 14. Estimation of the finite fault source model for the 2018 Mw7.1 Acari, Peru earthquake using a hybrid simulation prediction approach

Jiang, Wei (Key Laboratory of Earthquake Engineering and Engineering Vibration, Institute of Engineering Mechanics, China Earthquake Administration, Key Laboratory of Earthquake Disaster Mitigation, Ministry of Emergency Management, Harbin; 150080, China); Li, Zhaoyan **Source:** *Soil Dynamics and Earthquake Engineering*, v 164, January 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## 15. Review on Machine Vision-based Weight Assessment for Livestock and Poultry ( )

Xie, Qiuju (College of Electrical and Information, Northeast Agricultural University, Harbin; 150030, China); Zhou, Hong; Bao, Jun; Li, Qingda **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 53, n 10, p 1-15, October 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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## 16. Near-Infrared Spectroscopy Detection of Pollution Concentration of Agricultural Machinery Lubricating Oil Based on Improved Random Frog Algorithm ( ?)

Han, Jia-Qing (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Zhou, Gui- Xia; Hu, Jun; Cheng, Jie-Hong; Chen, Zheng-Guang; Zhao, Sheng-Xue; Liu, Yi-Ling **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, v 42, n 11, p 3482-3488, November 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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## 17. Soybean Canopy Extraction Method Based on Multispectral Image Processing ( )

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Gao, Shi-Jiao (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Guan, Hai-Ou; Ma, Xiao-Dan; Wang, Yan-Hong **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, v 42, n 11, p 3568-3574, November 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **18. Detection of maize seed germination rate based on improved locally linear embedding**

Liu, Shu (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Chen, Zhengguang; Jiao, Feng **Source:** *Computers and Electronics in Agriculture*, v 204, January 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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### **19. Edge Detection Algorithm of MRI Medical Image Based on Artificial Neural Network (Open Access)**

Yunhong, Shao (Heilongjiang Bayi Agricultural University, College of Science, Daqing; 163319, China); Shilei, Yuan; Xiaojing, Zhou; Jinhua, Ye **Source:** *Procedia Computer Science*, v 208, p 136-144, 2022, *7th International Conference on Intelligent, Interactive Systems and Applications, IISA2022*

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **20. Image Enhancement Processing Based on Fast Chord Intersection (Open Access)**

Yan, Xu (Heilongjiang Bayi Agricultural University, College of Science, Daqing; 163319, China) **Source:** *Procedia Computer Science*, v 208, p 152- 161, 2022, *7th International Conference on Intelligent, Interactive Systems and Applications, IISA2022*

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **21. Effects of Modified Graphene Additives on Dispersion Stability and Wear Resistance of Lubricating Oil (Open Access)**

Wang, Chenchen (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Li, Qingda; Liu, Jiwei; Wang, Hao; Liu, Minghui; Wang, Yifeng **Source:** *Journal of Physics: Conference Series*, v 2348, n 1, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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## **22. Soybean Seedling Root Segmentation Using Improved U-Net Network** (*Open Access*)

Xu, Xiuying (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Qiu, Jinkai; Zhang, Wei; Zhou, Zheng; Kang, Ye **Source:** *Sensors*, v 22, n 22, November 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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## **23. Comprehensive Evaluation on Agricultural Modernization Development of Heilongjiang Province Based on Entropy Method and Generalized Least Squares** (*Open Access*)

Jinhua, Ye (Heilongjiang Bayi Agricultural University, College of Science, Daqing; 163319, China); Yang, Li; Xiaoqiu, Yu; Dapeng, Dong; Xiaojing, Zhou **Source:** *Procedia Computer Science*, v 208, p391-400, 2022, *7th International Conference on Intelligent, Interactive Systems and Applications, IISA2022*

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

**Database:** Compendex

**Data Provider:** Engineering Village

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## **24. A calculation method of phenotypic traits based on three-dimensional reconstruction of tomato canopy**

Zhu, Tianyu (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Da Qing; 163319, China); Ma, Xiaodan; Guan, Haiou; Wu, Xia; Wang, Feiyi; Yang, Chen; Jiang, Qiu **Source:** *Computers and Electronics in Agriculture*, v 204, January 2023

**Database:** Compendex

**Data Provider:** Engineering Village

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## **25. Exploring the hydration promotion and cooking quality improvement of adlay seed by high hydrostatic pressure** (*Open Access*)

Ding, Yangyue (College of Food Science, Northeast Agricultural University, Harbin; 150030, China); Wang, Mingyang; Wang, Jiarong; Diao, Jingjing; Wu, Yue; Cheng, Jianjun; Ban, Qingfeng **Source:** *LWT*, v 171, December 15, 2022 **Open Access type(s):** All Open Access, Gold



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**Database:** Compendex

**Data Provider:** Engineering Village

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## **26. Prediction of Mastitis in Dairy Cows Based on Milk Yield, Rumination Time, and Milk Electrical Conductivity Using Machine Learning Algorithms**

Zhou, XiaoJing (Department of Information and Computing Science, Heilongjiang Bayi Agricultural University, No.5 Xinyang Road, Heilongjiang Province, Daqing; 163319, China); Wang, Hao; Xu, Chuang; Zhao, Zixuan; Xu, Wei; Deng, Zhaoju **Source:** *SSRN*, October 25, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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## **27. Effects of imbalance of mineral elements on peripheral neutrophil metabolism in sheep**

Wang, Di (College of Animal Science and Veterinary Medicine, Heilongjiang Bayi Agricultural University, No. 5 Xinfeng Road, Daqing; 163319, China); Zhou, Qijun; Ji, Ming; Zhou, Xiaoqiao; Wang, Jianfa; Lian, Shuai **Source:** *Metallomics*, v 14, n 7, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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## **28. Numerical Simulation And Experimental Verification Of Stability On Multi-Cavity Spiral Cascade Heat Transfer System (*Open Access*)**

Liu, Haijun (College of Engineering Heilongjiang Bayi Agricultural University, Daqing, China); Guo, Zhanbin; Zhao, Lixin; Wang, Xinyu; Lan, Shan **Source:** *Thermal Science*, v 25, n 5, p 3347-3354, 2021

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

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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## **29. In Vivo and in Vitro Antiviral Activity of Phlorizin Against Bovine Viral Diarrhea Virus**

Zhang, Zecai (College of Animal Science and Veterinary Medicine, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Huang, Jiang; Zhao, Zhicheng; Yuan, Xueying; Li, Chuang; Liu, Siyu; Cui, Yueqi; Liu, Yu; Zhou, Yulong; Zhu, Zhanbo **Source:** *Journal of Agricultural and Food Chemistry*, v 70, n 47, p 14841-14850, November 30, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

**30. Electrotransformation optimization of plasmid pGAPZ#A - CecMd3cs into Pichia pastoris GS115 with response surface methodology**

Zhang, Chenxue (College of Animal Science and Veterinary Medicine, Heilongjiang Bayi Agricultural University, Daqing, China); Du, Jiahua; Tang, Xueyu; Ma, Di; Qin, Long; Zhang, Aizhong; Jiang, Ning **Source:** *Electronic Journal of Biotechnology*, v 61, p 54-60, January 2023

**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（2012.01-2022.12），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 3569，国际一流学科阈值为 3232，学科潜力值为 110.43%，与上期同比，上升了 13.11%；我校 **Agricultural Sciences** 学科阈值为 3057，国际一流学科阈值为 3153，学科潜力值<sup>③</sup>为 96.96%，与上期同比，上升了 7.76%。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 19 个学科中有 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 论文数	学科规范化 的引文影响力(%)	被引 频次	论文被引 百分比
Plant & Animal Science	1	450	104.28	3569	79.78
Agricultural Sciences	2	378	86.40	3057	77.51
Biology & Biochemistry	3	187	77.04	2065	85.56
Chemistry	4	187	60.66	1804	83.42
Microbiology	5	163	64.19	1632	83.44
Molecular Biology & Genetics	6	127	49.50	1453	84.25
Immunology	7	73	61.19	1147	91.78
Clinical Medicine	8	92	83.03	869	82.61
Engineering	9	84	93.35	726	77.38
Environment/Ecology	10	98	72.95	590	57.14
Computer Science	11	53	89.32	563	62.26
Pharmacology & Toxicology	12	52	96.82	533	88.46
Neuroscience & Behavior	13	24	104.39	392	83.33
Materials Science	14	48	33.59	264	68.75
Physics	15	54	45.54	196	62.96
Mathematics	16	28	104.75	115	67.86
Geosciences	17	10	75.05	102	80.00
Multidisciplinary	18	6	23.22	41	66.67
Social Sciences, general	19	4	14.84	8	75.00

表 1 我校各学科阈值情况



研究领域	作者	机构 (发文最低被引频次)	刊物	国家
Agricultural Sciences	747	3153	1991	2953
Biology & Biochemistry	1277	7065	387	1996
Chemistry	2358	8660	2408	3744
Clinical Medicine	3084	4169	3978	27308
Computer Science	757	4876	2772	1236
Economics& Business	601	6281	2242	697
Engineering	1194	3435	4950	3147
Environment/Ecology	1263	4710	3208	6017
Geosciences	1704	6758	3331	2878
Immunology	1210	5679	797	4447
Materials Science	2810	8118	5287	2718
Mathematics	445	5080	1128	659
Microbiology	902	5921	730	2196
Molecular Biology & Genetics	3489	15227	696	3035
Multidisciplinary	588	3276	91	294
Neuroscience & Behavior	1616	6951	3290	1717
Pharmacology & Toxicology	744	3990	7591	1452
Physics	15450	22055	3636	5550
Plant & Animal Science	841	3232	2551	3425
Psychiatry/Psychology	967	4471	2663	813
Social Sciences, general	529	1852	1581	3071
Space Science	8525	45570	1926	1069

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 潜力值(%)	本期学科 潜力值(%)	发展 趋势
Plant & Animal Science	1	3569	3232	97.32	110.43	↑
Agricultural Sciences	2	3057	3153	89.20	96.96	↑
Microbiology	3	1632	5921	25.69	27.56	↑
Biology & Biochemistry	4	2065	7065	27.55	29.23	↑
Chemistry	5	1804	8660	19.22	20.83	↑
Immunology	6	1117	5679	19.62	19.67	↑
Molecular Biology & Genetics	7	1453	15227	9.02	9.54	↑
Clinical Medicine	8	869	4169	18.84	20.84	↑
Pharmacology & Toxicology	9	533	3990	12.13	13.36	↑
Engineering	10	726	3435	18.70	21.14	↑
Environment/Ecology	11	590	4710	10.72	12.53	↑
Neuroscience & Behavior	12	392	6951	5.17	5.64	↑
Computer Science	13	563	4876	10.38	11.55	↑
Materials Science	14	264	8118	3.12	3.25	↑
Physics	15	196	22055	0.83	0.89	↑
Mathematics	16	115	5080	2.02	2.26	↑
Geosciences	17	102	6758	1.39	1.51	↑
Multidisciplinary	18	41	3276	2.03	1.25	↓
Social Sciences, general	19	8	1852	0.34	0.43	↑

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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