

# 收錄引用月報

SCI·EI·ESI INDEX DATABASE

Feb.~ Mar. 2022 No.20

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。其中，将在奇数月通过“ESI 学科分析简报”的形式，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，而且在自然月的单月更新，因此 ESI 学科分析简报只在单月出版。

五、本月报如按月出版信息量不足，则改为按季度出版。

附件 1、SCI 收录情况（2022.01.27-2022.03.23）

附件 2、EI 收录情况（2022.01.27-2022.03.23）

附件 3、ESI 学科分析简报

# SCI 收录情况

(2022. 01. 27-2022. 03. 23)

SCI 索引库共收录我校教师发表的 40 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 40 篇文献详细题录信息。

RESEARCH FIELDS	研究领域	篇数
Agriculture	农业	9
Science & Technology - Other Topics	科技与技术-其他主题	4
Veterinary Sciences	兽医学	4
Biochemistry & Molecular Biology	生物化学与分子生物学	2
Cell Biology	细胞学	2
Environmental Sciences & Ecology	环境科学与生态学	2
Materials Science	材料科学	2
Microbiology	微生物学	2
Nutrition & Dietetics	营养和饮食学	2
Chemistry	化学	1
Electrochemistry	电化学	1
Engineering	工程学	1
Energy & Fuels	能源和燃料	1
Food Science & Technology	食品科学与技术	1
Genetics & Heredity	遗传学与遗传	1
Immunology	免疫学	1
Life Sciences & Biomedicine - Other Topics	生命科学与生物医学-其他主题	1
Optics	光学	1
Plant Sciences	植物科学	1
Spectroscopy	光谱学	1

表 1 我校 20 个研究领域发文篇数及详细题录信息

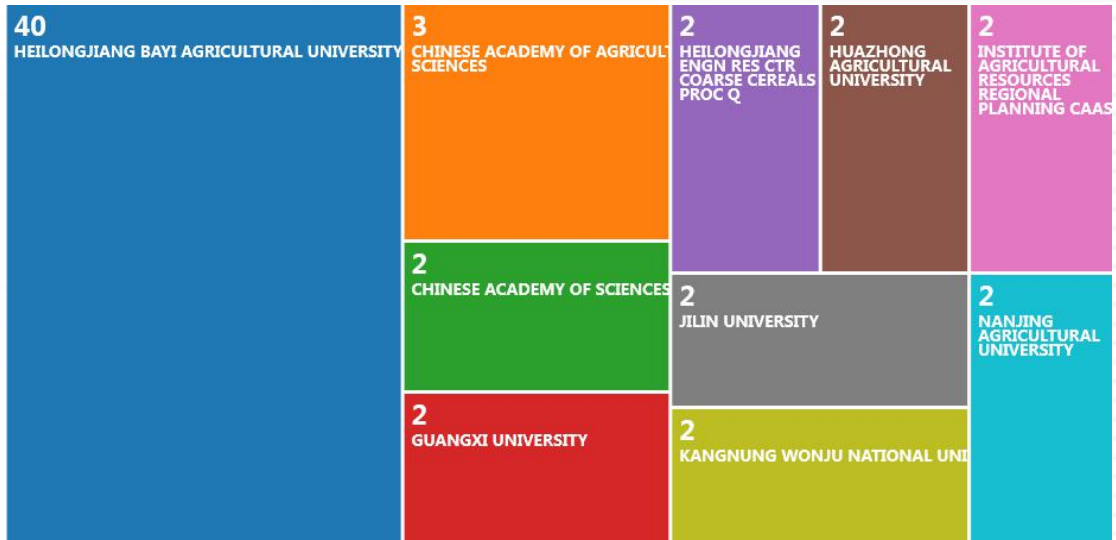


图 1 发文≥2 篇合作研究机构分布图



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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# 目录

<u>农业 (Agriculture)</u> .....	6
<u>科技与技术-其他主题 (Science &amp; Technology - Other Topics)</u> .....	12
<u>兽医学 (Veterinary Sciences)</u> .....	16
<u>生物化学与分子生物学 (Biochemistry &amp; Molecular Biology)</u> .....	19
<u>细胞学 (Cell Biology)</u> .....	20
<u>环境科学与生态学 (Environmental Sciences &amp; Ecology)</u> .....	23
<u>材料科学 (Materials Science)</u> .....	24
<u>微生物学 (Microbiology)</u> .....	25
<u>营养和饮食学 (Nutrition &amp; Dietetics)</u> .....	27
<u>化学 (Chemistry)</u> .....	29
<u>电化学 (Electrochemistry)</u> .....	29
<u>工程学 (Engineering)</u> .....	30
<u>能源和燃料 (Energy &amp; Fuels)</u> .....	31
<u>食品科学与技术 (Food Science &amp; Technology)</u> .....	31
<u>遗传学与遗传 (Genetics &amp; Heredity)</u> .....	32
<u>免疫学 (Immunology)</u> .....	33
<u>生命科学与生物医学-其他主题 (Life Sciences &amp; Biomedicine - Other Topics)</u> .....	34
<u>光学 (Optics)</u> .....	35

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**植物科学 (Plant Sciences) ..... 35**

**光谱学 (Spectroscopy) ..... 36**

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## Agriculture

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### 第 1 条

标题: Determining Nitrogen Accumulation and Nitrogen Use Efficiency of Mung Bean with Organic Nitrogen and N-15-labeled Chemical Fertilizer

作者: Ji, XL (Ji Xianglong); Wang, P (Wang Peng); He, XL (He Xiaolei); Jiang, YZ (Jiang Yuzhou)

来源出版物: COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS

DOI: 10.1080/00103624.2022.2046024 提前访问日期: MAR 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:000768754800001

文献类型: Article; Early Access

作者关键词: inorganic nitrogen; mung bean; N-15; nitrogen use efficiency; Organic nitrogen

**KeyWords Plus:** FIXATION; NODULATION; RESIDUE; ISOTOPE; NITRATE; PEANUT; WHEAT; ACID

地址: [Ji Xianglong; Wang Peng; He Xiaolei; Jiang Yuzhou] Heilongjiang Bayi Agr Univ, Agr Coll, Daqing 163000, Heilongjiang, Peoples R China.

通讯作者地址: Wang, P (通讯作者), Heilongjiang Bayi Agr Univ, Agr Coll, Daqing 163000, Heilongjiang, Peoples R China.

电子邮件地址: wangp.ycs@163.com

研究方向: Agriculture; Plant Sciences; Chemistry

ISSN: 0010-3624

eISSN: 1532-2416

输出日期: 2022-03-23

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### 第 2 条

标题: Analysis of the Structure and Activity of Dipeptidyl Peptidase IV (DPP-IV) Inhibitory Oligopeptides from Sorghum Kafirin

作者: Dai, LY (Dai, Lingyan); Kong, LX (Kong, Lingxin); Cai, X (Cai, Xiao); Jiang, P (Jiang, Peng); Liu, NA (Liu, Nian); Zhang, DJ (Zhang, Dongjie); Li, ZJ (Li, Zhijiang)

来源出版物: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY 卷: 70 期: 6 页: 2010-2017 DOI: 10.1021/acs.jafc.1c04484 出版年: FEB 16 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:000756703000024

文献类型: Article

作者关键词: Sorghum kafirin; DPP-IV inhibitory peptide; in silico methodology; molecular docking; gastrointestinal digestion

**KeyWords Plus:** RECEPTOR AGONISTS; MOLECULAR DOCKING;

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ANTIOXIDANT; PROTEINS

地址: [Dai, Lingyan; Kong, Lingxin] Heilongjiang Bayi Agr Univ, Coll Sci & Biotechnol, Dept Biosci, Daqing 163319, Heilongjiang, Peoples R China.

[Dai, Lingyan; Cai, Xiao; Jiang, Peng; Liu, Nian; Zhang, Dongjie; Li, Zhijiang] Heilongjiang Bayi Agr Univ, Coll Food, Dept Food & Engr, Daqing 163319, Heilongjiang, Peoples R China.

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通讯作者地址: Zhang, DJ; Li, ZJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food, Dept Food & Engr, Daqing 163319, Heilongjiang, Peoples R China.

Li, ZJ (通讯作者), Heilongjiang Engr Res Ctr Coarse Cereals Proc & Q, Daqing 163319, Peoples R China.

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

ISSN: 0021-8561

eISSN: 1520-5118

输出日期: 2022-03-23

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### 第 3 条

标题: Ground-Based Thermal Imaging for Assessing Crop Water Status in Grapevines over a Growing Season

作者: Zhou, Z (Zhou, Zheng); Diverres, G (Diverres, Geraldine); Kang, CC (Kang, Chenchen); Thapa, S (Thapa, Sushma); Karkee, M (Karkee, Manoj); Zhang, Q (Zhang, Qin); Keller, M (Keller, Markus)

来源出版物: AGRONOMY-BASEL 卷: 12 期: 2 文献号: 322

DOI: 10.3390/agronomy12020322 出版年: FEB 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:000763044000001

文献类型: Article

作者关键词: precision viticulture; CWSI; canopy temperature; leaf water potential

**KeyWords Plus:** INFRARED THERMOMETRY; STRESS; GROWTH

地址: [Zhou, Zheng] Heilongjiang Bayi Agr Univ, Coll Engr, Daqing 163319, Peoples R China.

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[Kang, Chenchen; Thapa, Sushma; Karkee, Manoj; Zhang, Qin] Washington State Univ, Ctr Precis & Automated Agr Syst, Dept Biol Syst Engr, Prosser, WA 99350 USA.

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研究方向: Agriculture; Plant Sciences

eISSN: 2073-4395

输出日期: 2022-03-23

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#### 第 4 条

标题: Metabolite Comparison between Serum and Follicular Fluid of Dairy Cows with Inactive Ovaries Postpartum

作者: Wang, ZJ (Wang, Zhijie); Song, YX (Song, Yuxi); Sun, SH (Sun, Shuhan); Zhao, C (Zhao, Chang); Fu, SX (Fu, Shixin); Xia, C (Xia, Cheng); Bai, YL (Bai, Yunlong)

来源出版物: ANIMALS 卷: 12 期: 3 文献号: 285 DOI: 10.3390/ani12030285

出版年: FEB 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:000760567300001

文献类型: Article

作者关键词: dairy cows; inactive ovaries; serum; follicular fluid; metabolites

**KeyWords Plus:** DEVELOPMENTAL COMPETENCE; ENERGY-BALANCE; LINOLEIC-ACID; AMINO-ACID; OOCYTE; METABOLOMICS; FERTILITY; OVULATION; PROFILES; PERFORMANCE

地址: [Wang, Zhijie; Song, Yuxi; Sun, Shuhan; Fu, Shixin; Xia, Cheng; Bai, Yunlong] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

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通讯作者地址: Xia, C; Bai, YL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

Xia, C (通讯作者), Beidahuang Modern Agr Ind Technol, Heilongjiang Prov Cultivating Collaborat Innovat, Heilongjiang Prov Key Lab Prevent & Control Bovin, Daqing 163319, Peoples R China.

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研究方向: Agriculture; Veterinary Sciences; Zoology

ISSN: 2076-2615

输出日期: 2022-03-23

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#### 第 5 条

标题: Calcineurin B-like protein 5 (SiCBL5) in *Setaria italica* enhances salt tolerance

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by regulating Na<sup>+</sup> homeostasis

作者: Yan, JW (Yan, Jingwei); Yang, L (Yang, Lan); Liu, Y (Liu, Ya); Zhao, YD (Zhao, Yingdi); Han, T (Han, Tong); Miao, XF (Miao, Xingfen); Zhang, AY (Zhang, Aying)

来源出版物: CROP JOURNAL 卷: 10 期: 1 页: 234-242

DOI: 10.1016/j.cj.2021.06.006 出版年: FEB 2022

**Web of Science** 核心合集中的 "被引频次": 1

被引频次合计: 1

入藏号: WOS:000751585100005

文献类型: Article

作者关键词: *Setaria italica*; SiCBL5; Salt tolerance; Na<sup>+</sup> homeostasis

**KeyWords Plus:** CALCIUM SENSORS CBL2; STRESS TOLERANCE; GENE-EXPRESSION; ION HOMEOSTASIS; ARABIDOPSIS; INTERACTS; RESPONSES; KINASE; SOS2; DROUGHT

地址: [Yan, Jingwei; Yang, Lan; Liu, Ya; Zhao, Yingdi; Han, Tong; Zhang, Aying]

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研究方向: Agriculture; Plant Sciences

ISSN: 2095-5421

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输出日期: 2022-03-23

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## 第 6 条

标题: Effect of water conditions and nitrogen application on maize growth, carbon accumulation and metabolism of maize plant in subtropical regions

作者: Chi, YX (Chi, Yu Xin); Gao, F (Gao, Fei); Muhammad, I (Muhammad, Ihsan); Huang, JH (Huang, Jing Hua); Zhou, XB (Zhou, Xun Bo)

来源出版物: ARCHIVES OF AGRONOMY AND SOIL SCIENCE

DOI: 10.1080/03650340.2022.2026931 提前访问日期: JAN 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:000746371100001

文献类型: Article; Early Access

作者关键词: Agronomic traits; biomass; irrigation regimes; metabolism; maize; nitrogen use efficiency

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**KeyWords Plus:** PHYSICAL-PROPERTIES; FARMYARD MANURE; USE EFFICIENCY; GRAIN-YIELD; IRRIGATION; CHINA; PRODUCTIVITY; TILLAGE; WHEAT; DYNAMICS

地址: [Chi, Yu Xin; Gao, Fei; Muhammad, Ihsan; Huang, Jing Hua; Zhou, Xun Bo] Heilongjiang Bayi Agr Univ, Key Lab Crop Germplasm Improvement & Cultivat Col, Educ Dept, Daqing, Peoples R China.

[Chi, Yu Xin] Guangxi Univ, Guangxi Coll & Univ, Key Lab Crop Cultivat & Tillage, Agr Coll, Nanning 530004, Peoples R China.

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研究方向: Agriculture

ISSN: 0365-0340

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输出日期: 2022-03-23

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## 第 7 条

标题: Conservation tillage regulates the assembly, network structure and ecological function of the soil bacterial community in black soils

作者: Liu, ZX (Liu, Zhuxiu); Gu, HD (Gu, Haidong); Liang, AZ (Liang, Aizhen); Li, LJ (Li, Lujun); Yao, Q (Yao, Qin); Xu, YX (Xu, Yanxia); Liu, JJ (Liu, Junjie); Jin, J (Jin, Jian); Liu, XB (Liu, Xiaobing); Wang, GH (Wang, Guanghua)

来源出版物: PLANT AND SOIL 卷: 472 期: 1-2 页: 207-223

DOI: 10.1007/s11104-021-05219-x 提前访问日期: JAN 2022 出版年: MAR 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:000744854300002

文献类型: Article

作者关键词: Tillage practices; Nitrogen fixation; Carbon degradation; Bacterial networks; Assembly processes

**KeyWords Plus:** MICROBIAL BIOMASS; NITROGEN-FIXATION; ORGANIC-MATTER; CROP-ROTATION; RHIZOSPHERE; SYSTEMS; IMPACT; NITRIFICATION; AGRICULTURE; MANAGEMENT

地址: [Liu, Zhuxiu; Gu, Haidong; Liang, Aizhen; Li, Lujun; Liu, Junjie; Jin, Jian; Liu, Xiaobing; Wang, Guanghua] Chinese Acad Sci, Northeast Inst Geog & Agroecol, Key Lab Mollisols Agroecol, Harbin 150081, Peoples R China.

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[Xu, Yanxia] Heilongjiang Acad Agr Sci, Branch Anim Husb & Vet, Qiqihar 161005, Peoples R China.

通讯作者地址: Liu, JJ (通讯作者), Chinese Acad Sci, Northeast Inst Geog & Agroecol, Key Lab Mollisols Agroecol, Harbin 150081, Peoples R China.

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研究方向: Agriculture; Plant Sciences

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## 第 8 条

标题: Intracellular Ca<sup>2+</sup> signaling and ORAI calcium release-activated calcium modulator 1 are associated with hepatic lipidoses in dairy cattle

作者: Li, M (Li, Ming); Yang, W (Yang, Wei); Wen, JA (Wen, Jianan); Loor, JJ (Loor, Juan J.); Aboragah, A (Aboragah, Ahmad); Wang, JJ (Wang, Jingjing); Wang, S (Wang, Shuang); Li, MY (Li, Mingyang); Yu, LY (Yu, Liyun); Hou, XL (Hou, Xilin); Xu, C (Xu, Chuang); Zhang, BB (Zhang, Bingbing)

来源出版物: JOURNAL OF ANIMAL SCIENCE 卷: 99 期: 7 文献号: skab184

DOI: 10.1093/jas/skab184 出版年: JUL 1 2021

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:000758360800016

文献类型: Article

作者关键词: calf hepatocytes; endoplasmic reticulum stress; fatty acid synthesis; ORAI1

**KeyWords Plus:** ENDOPLASMIC-RETICULUM STRESS;  
FATTY-ACID-COMPOSITION; CALF HEPATOCYTES; GENE NETWORKS; LIVER;  
INSULIN; COWS; METABOLISM; PREVENTION; KETOSIS

地址: [Li, Ming; Yang, Wei; Wang, Shuang; Xu, Chuang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

[Wen, Jianan; Wang, Jingjing; Li, Mingyang; Yu, Liyun; Hou, Xilin; Zhang, Bingbing] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

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

电子邮件地址: zhangbingbing613@gmail.com

研究方向: Agriculture

ISSN: 0021-8812

eISSN: 1525-3163

输出日期: 2022-03-23

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## 第 9 条

标题: Effect of microbial and chemical additives on the fermentation and aerobic stability of alfalfa silage ensiled at 2 dry matters and subjected to air stress during storage

作者: Li, YB (Li, Yanbing); da Silva, EB (da Silva, Erica B.); Novinski, CO (Novinski,

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Charles O.); Kung, LM (Kung, Limin)

来源出版物: JOURNAL OF ANIMAL SCIENCE 卷: 99 期: 7 文献号: skab174

DOI: 10.1093/jas/skab174 出版年: JUL 1 2021

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:000758360800029

文献类型: Article

作者关键词: alfalfa silage; air stress; aerobic stability; inoculant

**KeyWords Plus:** WEAK-ACID PRESERVATIVES; LACTOBACILLUS-PLANTARUM; POTASSIUM SORBATE; SODIUM BENZOATE; NUTRITIVE-VALUE; LACTIC-ACID; CORN; TEMPERATURE; BUCHNERI; BACTERIA

地址: [Li, Yanbing] Heilongjiang Bayi Agr Univ, Daqing 163319, Heilongjiang, Peoples R China.

[da Silva, Erica B.; Novinski, Charles O.; Kung, Limin] Univ Delaware, Dept Anim & Food Sci, Newark, DE 19716 USA.

通讯作者地址: Kung, LM (通讯作者), Univ Delaware, Dept Anim & Food Sci, Newark, DE 19716 USA.

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研究方向: Agriculture

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### Science & Technology - Other Topics

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#### 第 1 条

标题: Significant loss of soil inorganic carbon at the continental scale

作者: Song, XD (Song, Xiao-Dong); Yang, F (Yang, Fei); Wu, HY (Wu, Hua-Yong); Zhang, J (Zhang, Jing); Li, DC (Li, De-Cheng); Liu, F (Liu, Feng); Zhao, YG (Zhao, Yu-Guo); Yang, JL (Yang, Jin-Ling); Ju, B (Ju, Bing); Cai, CF (Cai, Chong-Fa); Huang, BA (Huang, Biao); Long, HY (Long, Huai-Yu); Lu, Y (Lu, Ying); Sui, YY (Sui, Yue-Yu); Wang, QB (Wang, Qiu-Bing); Wu, KN (Wu, Ke-Ning); Zhang, FR (Zhang, Feng-Rong); Zhang, MK (Zhang, Ming-Kui); Shi, Z (Shi, Zhou); Ma, WZ (Ma, Wan-Zhu); Xin, G (Xin, Gang); Qi, ZP (Qi, Zhi-Ping); Chang, QR (Chang, Qing-Rui); Ci, E (Ci, En); Yuan, DG (Yuan, Da-Gang); Zhang, YZ (Zhang, Yang-Zhu); Bai, JP (Bai, Jun-Ping); Chen, JY (Chen, Jia-Ying); Chen, J (Chen, Jie); Chen, YJ (Chen, Yin-Jun); Dong, YZ (Dong, Yun-Zhong); Han, CL (Han, Chun-Lan); Li, L (Li, Ling); Liu, LM (Liu, Li-Ming); Pan, JJ (Pan, Jian-Jun); Song, FP (Song, Fu-Peng); Sun, FJ (Sun, Fu-Jun); Wang, DF (Wang, Deng-Feng); Wang, TW (Wang, Tian-Wei); Wei, XH (Wei, Xiang-Hua); Wu, HQ (Wu, Hong-Qi); Zhao, X (Zhao, Xia); Zhou, Q (Zhou, Qing); Zhang, GL (Zhang, Gan-Lin)

来源出版物: NATIONAL SCIENCE REVIEW 卷: 9 期: 2 文献号: nwab120

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**DOI:** 10.1093/nsr/nwab120 出版年: FEB 3 2022

**Web of Science** 核心合集中的 "被引频次": 1

被引频次合计: 1

入藏号: WOS:000753113800005

文献类型: Article

作者关键词: China; soil inorganic carbon stocks; global change; carbonate; soil acidification

**KeyWords Plus:** ORGANIC-CARBON; CHINA; STORAGE; SEQUESTRATION;  
ACIDIFICATION; RESTORATION; DEPOSITION; CLIMATE

地址: [Song, Xiao-Dong; Yang, Fei; Wu, Hua-Yong; Zhang, Jing; Li, De-Cheng; Liu, Feng; Zhao, Yu-Guo; Yang, Jin-Ling; Ju, Bing; Huang, Biao; Zhang, Gan-Lin] Chinese Acad Sci, State Key Lab Soil & Sustainable Agr, Inst Soil Sci, Nanjing 210008, Peoples R China.

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研究方向: Science & Technology - Other Topics

ISSN: 2095-5138

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输出日期: 2022-03-23

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## 第 2 条

标题: Interaction between Nitrogen, Phosphorus, and Invasive Alien Plants

作者: Zhang, YL (Zhang, Youli); Leng, ZR (Leng, Zhanrui); Wu, YM (Wu, Yueming); Jia, H (Jia, Hui); Yan, CL (Yan, Chongling); Wang, XH (Wang, Xinhong); Ren, GQ (Ren, Guangqian); Wu, GR (Wu, Guirong); Li, J (Li, Jian)

来源出版物: SUSTAINABILITY 卷: 14 期: 2 文献号: 746

DOI: 10.3390/su14020746 出版年: JAN 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:000747833200001

文献类型: Article

作者关键词: plant invasion; eutrophication; biogeochemical cycle; nitrogen; phosphorus

KeyWords Plus: N-P RATIOS; COMPETITIVE DOMINANCE;

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SOLIDAGO-CANADENSIS; RESOURCE AVAILABILITY; NUTRIENT ENRICHMENT; SOIL NUTRIENTS; GROWTH; COMMUNITIES; DEPOSITION; PHOTOSYNTHESIS

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

eISSN: 2071-1050

输出日期: 2022-03-23

---

### 第 3 条

标题: Transcriptome analysis reveals the molecular mechanism of yield increases in maize under stable soil water supply

作者: Zhang, JL (Zhang, Jili); Wang, P (Wang, Peng); Ji, JF (Ji, Jinfeng); Long, HY (Long, Huaiyu); Wu, X (Wu, Xia)

来源出版物: PLOS ONE 卷: 16 期: 9 文献号: e0257756

DOI: 10.1371/journal.pone.0257756 出版年: SEP 24 2021

Web of Science 核心合集中的 "被引频次": 1

被引频次合计: 1

入藏号: WOS:000754657900041

文献类型: Article

**KeyWords Plus:** DROUGHT TOLERANCE; EFFICIENCY; STRESS; RICE

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研究方向: Science & Technology - Other Topics



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**ISSN:** 1932-6203

输出日期: 2022-03-23

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#### 第 4 条

**标题:** Effects of irrigation and nitrogen on chlorophyll content, dry matter and nitrogen accumulation in sugar beet (*Beta vulgaris* L.)

**作者:** Wang, N (Wang, Ning); Fu, FZ (Fu, Fengzhen); Wang, HR (Wang, Hongrong); Wang, P (Wang, Peng); He, SP (He, Shuping); Shao, HY (Shao, Hongying); Ni, Z (Ni, Zhen); Zhang, XM (Zhang, Xingmei)

**来源出版物:** SCIENTIFIC REPORTS 卷: 11 期: 1 文献号: 16651

**DOI:** 10.1038/s41598-021-95792-z 出版年: AUG 17 2021

**Web of Science** 核心合集中的 "被引频次": 2

被引频次合计: 2

入藏号: WOS:000686690900087

文献类型: Article

**KeyWords Plus:** WATER PRODUCTIVITY; N FERTILIZATION; YIELD; QUALITY; DROUGHT; SUSTAINABILITY; EFFICIENCY; MELON

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

**ISSN:** 2045-2322

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### Veterinary Sciences

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#### 第 1 条

**标题:** Left displacement of the third gastric compartment in an alpaca: the first case report in China

**作者:** Song, YX (Song, Yuxi); Wang, Z (Wang, Zheng); Li, R (Li, Ran); Hao, DD (Hao, Dandan); Wang, ZJ (Wang, Zhijie); Xia, C (Xia, Cheng); Bai, YL (Bai, Yunlong)

**来源出版物:** BMC VETERINARY RESEARCH 卷: 18 期: 1 文献号: 85

**DOI:** 10.1186/s12917-022-03181-z 出版年: MAR 4 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:000764839100001

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文献类型: Article

作者关键词: Alpaca; Abdominal distension; LDC3; Surgery

**KeyWords Plus:** ABOMASAL DISPLACEMENT; DAIRY-COWS; BOVINE; ULCERS

地址: [Song, Yuxi; Wang, Zheng; Li, Ran; Hao, Dandan; Wang, Zhijie; Xia, Cheng; Bai, Yunlong] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing, Peoples R China.

通讯作者地址: Xia, C; Bai, YL (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing, Peoples R China.

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研究方向: Veterinary Sciences

**eISSN:** 1746-6148

输出日期: 2022-03-23

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## 第 2 条

标题: Tylosin Inhibits *Streptococcus suis* Biofilm Formation by Interacting With the O-acetylserine (thiol)-lyase B CysM

作者: Zhou, YH (Zhou, Yonghui); Yu, F (Yu, Fei); Chen, M (Chen, Mo); Zhang, YF (Zhang, Yuefeng); Qu, QW (Qu, Qianwei); Wei, YR (Wei, Yanru); Xie, CM (Xie, Chunmei); Wu, T (Wu, Tong); Liu, YY (Liu, Yanyan); Zhang, ZY (Zhang, Zhiyun); Chen, XY (Chen, Xueying); Dong, CL (Dong, Chunliu); Che, RX (Che, Ruixiang); Li, YH (Li, Yanhua)

来源出版物: FRONTIERS IN VETERINARY SCIENCE 卷: 8 文献号: 829899

**DOI:** 10.3389/fvets.2021.829899 出版年: JAN 28 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:000760431200001

文献类型: Article

作者关键词: *Streptococcus suis*; biofilms; tylosin; inhibition; O-acetylserine (thiol)-lyase B (CysM)

**KeyWords Plus:** SULFHYDRYLASE; INFECTION; VIRULENCE; RESISTANCE

地址: [Zhou, Yonghui; Yu, Fei; Chen, Mo; Zhang, Yuefeng; Qu, Qianwei; Wei, Yanru; Xie, Chunmei; Wu, Tong; Liu, Yanyan; Zhang, Zhiyun; Chen, Xueying; Dong, Chunliu; Li, Yanhua] Northeast Agr Univ, Heilongjiang Key Lab Anim Dis Control & Pharmaceu, Coll Vet Med, Harbin, Peoples R China.

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研究方向: Veterinary Sciences

eISSN: 2297-1769

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### 第 3 条

标题: Green Tea Polyphenols Alleviate Hydrogen Peroxide-Induced Oxidative Stress, Inflammation, and Apoptosis in Bovine Mammary Epithelial Cells by Activating ERK1/2-NFE2L2-HMOX1 Pathways

作者: Ma, YF (Ma, Yanfen); Ma, XH (Ma, Xuehu); An, YH (An, Yanhao); Sun, YS (Sun, Yishuo); Dou, WL (Dou, Wenli); Li, MY (Li, Muyang); Bao, H (Bao, Hua); Zhang, CH (Zhang, Chunhua)

来源出版物: FRONTIERS IN VETERINARY SCIENCE 卷: 8 文献号: 804241

DOI: 10.3389/fvets.2021.804241 出版年: JAN 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:000752634300001

文献类型: Article

作者关键词: oxidative stress; inflammation; apoptosis; green tea polyphenols; bovine mammary epithelial cells; ERK1; 2; HMOX1 pathways

**KeyWords Plus:** DAIRY-COWS; INVOLVEMENT; EXPRESSION; CASPASES; DISEASES; DAMAGE; BCL-2; GENE

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研究方向: Veterinary Sciences

eISSN: 2297-1769

输出日期: 2022-03-23

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### 第 4 条

标题: Effect of Natural Chinese Herbal Supplements (TCMF4) on Lactation Performance and Serum Biomarkers in Peripartal Dairy Cows

作者: Cui, YZ (Cui, Yizhe); Shan, ZR (Shan, Zhuorui); Hou, LT (Hou, Lintong); Wang, QJ (Wang, Qiuju); Loo, JJ (Loo, Juan J.); Xu, C (Xu, Chuang)

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来源出版物: FRONTIERS IN VETERINARY SCIENCE 卷: 8 文献号: 801418

DOI: 10.3389/fvets.2021.801418 出版年: JAN 10 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:000757358400001

文献类型: Article

作者关键词: traditional Chinese herbal formula; additive; lactation performance; peripartal; cow

**KeyWords Plus:** LIVER; PLASMA; BLOOD; TRANSITION; PERIOD; QI

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研究方向: Veterinary Sciences

eISSN: 2297-1769

输出日期: 2022-03-23

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### Biochemistry & Molecular Biology

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#### 第 1 条

标题: Distance correlation application to gene co-expression network analysis

作者: Hou, J (Hou, Jie); Ye, XF (Ye, Xiufen); Feng, WX (Feng, Weixing); Zhang, QS (Zhang, Qiaosheng); Han, YT (Han, Yatong); Liu, YS (Liu, Yusong); Li, Y (Li, Yu); Wei, YF (Wei, Yufen)

来源出版物: BMC BIOINFORMATICS 卷: 23 期: 1 文献号: 81

DOI: 10.1186/s12859-022-04609-x 出版年: FEB 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:000759558200001

文献类型: Article

作者关键词: Gene expression; Distance correlation; WGCNA; Enrichment analysis

**KeyWords Plus:** REGULATORY NETWORK; MUTUAL INFORMATION; CERVICAL-CANCER; DEPENDENCIES; ASSOCIATION

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研究方向: Biochemistry & Molecular Biology; Biotechnology & Applied Microbiology; Mathematical & Computational Biology

**ISSN:** 1471-2105

输出日期: 2022-03-23

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## 第 2 条

标题: Determination of Organophosphorus Pesticides Using Solid-Phase Extraction Followed by Gas Chromatography-Mass Spectrometry

作者: Sun, P (Sun, Peng); Zheng, SS (Zheng, Shusheng); Yan, R (Yan, Rui); Lian, YF (Lian, Yongfu)

来源出版物: JOURNAL OF CHROMATOGRAPHIC SCIENCE 卷: 60 期: 1

页: 1-6 DOI: 10.1093/chromsci/bmab033 提前访问日期: APR 2021

出版年: JAN 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:000747657200001

文献类型: Article

**KeyWords Plus:** LIQUID-LIQUID MICROEXTRACTION; MOLECULARLY IMPRINTED POLYMERS; MICROWAVE-ASSISTED EXTRACTION; GRAPHENE; SOLVENT; WATER; HPLC

地址: [Sun, Peng; Zheng, Shusheng; Yan, Rui] Heilongjiang Bayi Agr Univ, Ctr Management Lab Equipment, 5 Xinfeng Rd, Daqing City 163319, Heilongjiang, Peoples R China.

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研究方向: Biochemistry & Molecular Biology; Chemistry

**ISSN:** 0021-9665

**eISSN:** 1945-239X

输出日期: 2022-03-23

第 1 条

标题: TBK1-METTL3 axis facilitates antiviral immunity

作者: Chen, JX (Chen, Jingxuan); Wei, XM (Wei, Xuemei); Wang, X (Wang, Xiao); Liu, T (Liu, Tong); Zhao, YC (Zhao, Yingchi); Chen, LY (Chen, Luoying); Luo, YJ (Luo, Yujie); Du, HQ (Du, Hongqiang); Li, YF (Li, Yunfei); Liu, TT (Liu, Tongtong); Cao, LL (Cao, Lili); Zhou, Z (Zhou, Zhe); Zhang, ZM (Zhang, Zeming); Liang, L (Liang, Ling); Li, L (Li, Lu); Yan, XH (Yan, Xuhui); Zhang, XH (Zhang, Xuehui); Deng, XL (Deng, Xuliang); Yang, G (Yang, Guang); Yin, P (Yin, Ping); Hao, JL (Hao, Jianlei); Yin, ZN (Yin, Zhinan); You, FP (You, Fuping)

来源出版物: CELL REPORTS 卷: 38 期: 7 文献号: 110373

DOI: 10.1016/j.celrep.2022.110373 出版年: FEB 15 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000759253300009

文献类型: Article

**KeyWords Plus:** MESSENGER-RNA METHYLATION; NUCLEAR-RNA; MICROSCALE THERMOPHORESIS; M(6)A MODIFICATION; GENE-EXPRESSION; VIRUS-INFECTION; TRANSLATION; METTL3; N-6-METHYLADENOSINE; N6-METHYLADENOSINE

地址: [Chen, Jingxuan; Wei, Xuemei; Wang, Xiao; Zhao, Yingchi; Chen, Luoying; Luo, Yujie; Du, Hongqiang; Li, Yunfei; Liu, Tongtong; Cao, Lili; Zhang, Zeming; You, Fuping] Peking Univ, Hlth Sci Ctr, Inst Syst Biomed, Dept Immunol, Sch Basic Med Sci, Beijing Key Lab Tu, Beijing 100191, Peoples R China.

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研究方向: Cell Biology

ISSN: 2211-1247

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## 第 2 条

标题: Protein disulfide isomerases (PDIs) negatively regulate ebolavirus structural glycoprotein expression in the endoplasmic reticulum (ER) via the autophagy-lysosomal pathway

作者: Wang, B (Wang, Bin); Zhang, J (Zhang, Jing); Liu, X (Liu, Xin); Chai, QQ (Chai, Qingqing); Lu, XR (Lu, Xiaoran); Yao, XY (Yao, Xiaoyu); Yang, ZC (Yang, Zhichang); Sun, LL (Sun, Liangliang); Johnson, SF (Johnson, Silas F.); Schwartz, RC (Schwartz, Richard C.); Zheng, YH (Zheng, Yong-Hui)

来源出版物: AUTOPHAGY DOI: 10.1080/15548627.2022.2031381

提前访问日期: FEB 2022

**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:000752285600001

文献类型: Article; Early Access

作者关键词: Autophagy; ebola; ERAD; ERp57; ER-phagy; EVD; filoviruses; glycoproteins; lysosomes; reticulophagy

**KeyWords Plus:** VIRUS GLYCOPROTEIN; DOWN-REGULATION; GP

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研究方向: Cell Biology

ISSN: 1554-8627

eISSN: 1554-8635

输出日期: 2022-03-23

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### Environmental Sciences & Ecology

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#### 第 1 条

标题: Affecting analysis of the rheological characteristic and reservoir damage of CO<sub>2</sub> fracturing fluid in low permeability shale reservoir

作者: Li, Q (Li, Qiang); Wang, FL (Wang, Fuling); Forson, K (Forson, Kobina); Zhang, JY (Zhang, Jinyan); Zhang, CL (Zhang, Chenglin); Chen, J (Chen, Juan); Xu, N (Xu, Ning); Wang, YL (Wang, Yanling)

来源出版物: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

DOI: 10.1007/s11356-021-18169-9 提前访问日期: JAN 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:000745809900018

文献类型: Article; Early Access

作者关键词: Carbon utilization; CO<sub>2</sub> fracturing; Rheology property; Backflow property; Greenhouse effect

**KeyWords Plus:** LIQUID CO<sub>2</sub>; CARBON-DIOXIDE; BEHAVIOR; VISCOSITY; WATER

地址: [Li, Qiang; Zhang, Jinyan; Zhang, Chenglin; Chen, Juan] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 113001, Peoples R China.

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研究方向: Environmental Sciences & Ecology



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## 第 2 条

标题: EVALUATION AND ANALYSIS OF ENVIRONMENTAL PROTECTION INVESTMENT EFFICIENCY IN CHINA BASED ON DATA ENVELOPMENT ANALYSIS MODEL

作者: Bian, JL (Bian, Ji-Lan); Shan, Y (Shan, Yao); Zhao, GY (Zhao, Gui-Yan)

来源出版物: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY

卷: 22 期: 6 页: 2701-2709 出版年: 2021

**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:000754649200044

文献类型: Article

作者关键词: environmental protection investment; DEA model; input-output efficiency

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研究方向: Environmental Sciences & Ecology

ISSN: 1311-5065

输出日期: 2022-03-23

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## Materials Science

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## 第 1 条

标题: Electrodeposited Ni/TiN-SiC Nanocomposites on the Dumbbell: Reducing Sport Injuries

作者: Bai, HJ (Bai, Haijun); Li, Q (Li, Qiang)

来源出版物: COATINGS 卷: 12 期: 2 文献号: 177

DOI: 10.3390/coatings12020177 出版年: FEB 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:000763436000001

文献类型: Article

作者关键词: Ni; TiN-SiC nanocomposite; dumbbell; pulse electrodeposition; wear resistance; microstructure

**KeyWords Plus:** COMPOSITE COATINGS; CORROSION BEHAVIOR; NI;

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FABRICATION; PARAMETERS

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通讯作者地址: Bai, HJ (通讯作者), Heilongjiang Bayi Agr Univ, Dept Phys Educ & Res, Daqing 163319, Peoples R China.

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研究方向: Materials Science; Physics

eISSN: 2079-6412

输出日期: 2022-03-23

---

## 第 2 条

标题: Process Simulation and Abrasion Behavior of Jet Electrodeposited Ni-TiN Nanocoatings

作者: Yang, ZG (Yang, Zhongguo); Yi, SJ (Yi, Shujuan); Cao, LK (Cao, Longkui); Tang, SH (Tang, Songhao); Li, Q (Li, Qiang)

来源出版物: COATINGS 卷: 12 期: 1 文献号: 86

DOI: 10.3390/coatings12010086 出版年: JAN 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:000758651400001

文献类型: Article

作者关键词: process simulation; Ni-TiN; microstructure; nozzle diameter; wear resistance

**KeyWords Plus:** SIC COMPOSITE COATINGS; MECHANICAL-PROPERTIES; MICROSTRUCTURE; CORROSION; RESISTANCE

地址: [Yang, Zhongguo; Cao, Longkui] Heilongjiang Bayi Agr Univ, Coll Civil Engrn & Water Conservancy, Daqing 163319, Peoples R China.

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研究方向: Materials Science; Physics

eISSN: 2079-6412

输出日期: 2022-03-23

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## Microbiology

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## 第 1 条

标题: The Role of Ranged Horses in Eco-Epidemiology of Rickettsia raoultii Infection in China

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作者: Chang, QC (Chang, Qiao-Cheng); Hu, Y (Hu, Yang); Wu, TT (Wu, Ting-Ting); Ma, XX (Ma, Xiao-Xiao); Jiang, BG (Jiang, Bao-Gui); Jia, N (Jia, Na); Wang, AQ (Wang, An-Qi); Jiang, JF (Jiang, Jia-Fu)

来源出版物: FRONTIERS IN MICROBIOLOGY 卷: 12 文献号: 795500

DOI: 10.3389/fmicb.2021.795500 出版年: JAN 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:000750037900001

文献类型: Article

作者关键词: horse; infection; Rickettsia raoultii; tick-borne pathogens; China

KeyWords Plus: TICKS

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研究方向: Microbiology

eISSN: 1664-302X

输出日期: 2022-03-23

---

## 第 2 条

标题: Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential

作者: Kong, FZ (Kong, Fanzhi); Wang, QH (Wang, Qihong); Kenney, SP (Kenney, Scott P.); Jung, KN (Jung, Kwonil); Vlasova, AN (Vlasova, Anastasia N.); Saif, LJ (Saif, Linda J.)

来源出版物: PATHOGENS 卷: 11 期: 1 文献号: 79

DOI: 10.3390/pathogens11010079 出版年: JAN 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:000758791300001

文献类型: Article

作者关键词: porcine deltacoronaviruses; origin; evolution; cross-species transmission; zoonosis

**KeyWords Plus:** INTESTINAL EPITHELIAL-CELLS; LENGTH GENOME SEQUENCE; GENETIC-CHARACTERIZATION; AVIAN CORONAVIRUSES; PIGS; PATHOGENICITY; STRAIN; EPIDEMIOLOGY; INFECTION; THAILAND

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研究方向: Microbiology

eISSN: 2076-0817

输出日期: 2022-03-23

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## Nutrition & Dietetics

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### 第 1 条

标题: The Effects of GABA-Rich Adzuki Beans on Glycolipid Metabolism, as Well as Intestinal Flora, in Type 2 Diabetic Mice

作者: Zhang, AW (Zhang, Aiwu); Jiang, XJ (Jiang, Xiujie); Ge, Y (Ge, Yunfei); Xu, QP (Xu, Qingpeng); Li, ZJ (Li, Zhijiang); Tang, HC (Tang, Huacheng); Cao, DM (Cao, Dongmei); Zhang, DJ (Zhang, Dongjie)

来源出版物: FRONTIERS IN NUTRITION 卷: 9 文献号: 849529

DOI: 10.3389/fnut.2022.849529 出版年: FEB 14 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:000761701600001

文献类型: Article

作者关键词: type 2 diabetes; glycolipid metabolism; gut microbiota; GABA; sprouted adzuki beans

**KeyWords Plus:** GLUCOSE; OBESITY

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地址: [Zhang, Aiwu; Jiang, Xiujie; Xu, Qingpeng; Li, Zhijiang; Cao, Dongmei; Zhang, Dongjie] 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: 2022-03-23

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## 第 2 条

标题: Effects of High-Temperature, High-Pressure, and Ultrasonic Treatment on the Physicochemical Properties and Structure of Soluble Dietary Fibers of Millet Bran

作者: Wei, CH (Wei, Chunhong); Ge, Y (Ge, Yunfei); Liu, DZ (Liu, Dezhi); Zhao, ST (Zhao, Shuting); Wei, MZ (Wei, Mingzhi); Jiliu, J (Jiliu, Junchen); Hu, X (Hu, Xin); Quan, ZG (Quan, Zhigang); Wu, YJ (Wu, Yunjiao); Su, YT (Su, Youtao); Wang, YF (Wang, Yifei); Cao, LK (Cao, Longkui)

来源出版物: FRONTIERS IN NUTRITION 卷: 8 文献号: 820715

DOI: 10.3389/fnut.2021.820715 出版年: JAN 18 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:000749432900001

文献类型: Article

作者关键词: millet bran; physical modification; soluble dietary fiber; physicochemical properties; structure

**KeyWords Plus:** POLYSACCHARIDES; ANTIOXIDANT; PEEL

地址: [Wei, Chunhong; Liu, Dezhi; Zhao, Shuting; Wei, Mingzhi; Jiliu, Junchen; Hu, Xin; Quan, Zhigang; Wu, Yunjiao; Su, Youtao; Wang, Yifei; Cao, Longkui]

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研究方向: Nutrition & Dietetics

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### Chemistry

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#### 第 1 条

标题: Water-soluble carboxymethyl chitosan (WSCC)-modified single-walled carbon nanotubes (SWCNTs) provide efficient adsorption of Pb(ii) from water

作者: Gao, JL (Gao, Jinling); Song, MZ (Song, Mingzhe); Li, TT (Li, Tongtong); Zhao, YY (Zhao, Yuyao); Wang, AX (Wang, Anxu)

来源出版物: RSC ADVANCES 卷: 12 期: 11 页: 6821-6830

DOI: 10.1039/d2ra00066k 出版年: FEB 22 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:000762382200001

文献类型: Article

**KeyWords Plus:** ACTIVATED CARBON; HEAVY-METALS; NANOPARTICLES PREPARATION; CHROMIUM VI; REMOVAL; IONS; ADSORBENT; SORPTION; NANOCOMPOSITE; EQUILIBRIUM

地址: [Gao, Jinling; Song, Mingzhe; Li, Tongtong; Zhao, Yuyao; Wang, Anxu] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Peoples R China.

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研究方向: Chemistry

eISSN: 2046-2069

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### Electrochemistry

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#### 第 1 条

标题: Study on Characteristics and Microstructure of Ni-AlN Thin Coatings Prepared via Different Electrodeposition Techniques

作者: Yang, ZG (Yang, Zhongguo); Yi, SJ (Yi, Shujuan); Wang, Y (Wang, Yun); Zhao, SX (Zhao, Shengxue); Shi, W (Shi, Wang)

来源出版物: INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE

卷: 17 期: 2 文献号: 220226 DOI: 10.20964/2022.02.34 出版年: FEB 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:000753296500018

文献类型: Article

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作者关键词: Electrodeposition; microstructure; Ni-AlN thin coating; corrosion

**KeyWords Plus:** COMPOSITE COATINGS; WEAR BEHAVIOR; NI/AL<sub>2</sub>O<sub>3</sub>

地址: [Yang, Zhongguo; Wang, Yun] Heilongjiang Bayi Agr Univ, Coll Civil Engr & Water Conservancy, Daqing 163319, Peoples R China.

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研究方向: Electrochemistry

**ISSN:** 1452-3981

输出日期: 2022-03-23

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## Engineering

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### 第 1 条

标题: Research on the Optimized Management of Agricultural Machinery Allocation Path Based on Teaching and Learning Optimization Algorithm

作者: Liu, Y (Liu, Ye); Shi, L (Shi, Luan); Gao, Y (Gao, Yang); Kou, CY (Kou, Chunyu); Yang, SG (Yang, Shuguo); Liu, L (Liu, Li)

来源出版物: TEHNICKI VJESNIK-TECHNICAL GAZETTE 卷: 29 期: 2

页: 456-463 DOI: 10.17559/TV-20211025142723 出版年: FEB 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:000759852300014

文献类型: Article

作者关键词: agricultural machinery scheduling and allocating; allocation path; teaching and learning optimization algorithm

**KeyWords Plus:** PARAMETER OPTIMIZATION

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研究方向: Engineering

ISSN: 1330-3651

eISSN: 1848-6339

输出日期: 2022-03-23

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### Energy & Fuels

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#### 第 1 条

标题: Effect of microaeration combined with ferric chloride pretreatment on anaerobic digestion of corn stalk

作者: Wang, ZQ (Wang, Zhiqiang); Liu, JM (Liu, Jinming); Tan, F (Tan, Feng)

来源出版物: ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS DOI: 10.1080/15567036.2022.2039330

提前访问日期: FEB 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:000753753000001

文献类型: Article; Early Access

作者关键词: Anaerobic digestion; pretreatment; methane production; microbial community; corn stalk

**KeyWords Plus:** WASTE ACTIVATED-SLUDGE; METHANE PRODUCTION; MICROBIAL COMMUNITIES; RICE STRAW; MICROAEROBIC PRETREATMENT; BIOGAS PRODUCTION; OPTIMIZATION; ENHANCEMENT; PERFORMANCE; BIOMASS

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研究方向: Energy & Fuels; Engineering; Environmental Sciences & Ecology

ISSN: 1556-7036

eISSN: 1556-7230

输出日期: 2022-03-23

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### Food Science & Technology

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#### 第 1 条

标题: Exploring the effect of microwave treatment on phenolic flavonoids, antioxidant



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capacity, and phenolic in vitro bioaccessibility of sorghum

作者: Li, R (Li, Ren); Wang, Q (Wang, Qi); Peng, H (Peng, Hui); Zhao, GL (Zhao, Guoliang); Zhang, DJ (Zhang, Dongjie); Li, ZJ (Li, Zhijiang)

来源出版物: INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY

DOI: 10.1111/ijfs.15624 提前访问日期: FEB 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:000754326700001

文献类型: Article; Early Access

作者关键词: Bioaccessibility; microwave treatment; nutritive quality; sorghum food

**KeyWords Plus:** HEAT-TREATMENT; DIETARY FIBER; POLYPHENOLS; EXTRACTS; RELEASE; MILLETS; BICOLOR; RICE

地址: [Li, Ren; Wang, Qi; Peng, Hui; Zhao, Guoliang; Zhang, Dongjie; Li, Zhijiang] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

[Li, Ren; Wang, Qi; Peng, Hui; Zhao, Guoliang; Zhang, Dongjie; Li, Zhijiang] Heilongjiang Engr Res Ctr Coarse Cereals Proc & Q, Daqing 163319, Peoples R China.

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

通讯作者地址: Zhang, DJ; Li, ZJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

Zhang, DJ; Li, ZJ (通讯作者), Heilongjiang Engr Res Ctr Coarse Cereals Proc & Q, Daqing 163319, Peoples R China.

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

电子邮件地址: byndadj@126.com; lizhijiang@126.com

研究方向: Food Science & Technology

ISSN: 0950-5423

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输出日期: 2022-03-23

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## Genetics & Heredity

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### 第 1 条

标题: Complete mitochondrial genome of *Dermanyssus gallinae* (Arthropoda: Dermanyssidae) isolate from China

作者: Ma, XX (Ma, Xiao-Xiao); Kang, YC (Kang, Yu-Chen); Li, HD (Li, Hu-Dan); Chang, QC (Chang, Qiao-Cheng); Xue, SJ (Xue, Shu-jiang)

来源出版物: MITOCHONDRIAL DNA PART B-RESOURCES 卷: 7 期: 1  
页: 292-293 DOI: 10.1080/23802359.2021.1923418 出版年: JAN 2 2022

**Web of Science** 核心合集中的 "被引频次": 0

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入藏号: WOS:000748095600001

文献类型: Article

作者关键词: Dermanyssus gallinae; mitochondrial genome; phylogenetic analysis

**KeyWords Plus:** POULTRY RED MITE

地址: [Ma, Xiao-Xiao; Kang, Yu-Chen; Li, Hu-Dan; Chang, Qiao-Cheng] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

[Ma, Xiao-Xiao] Jilin Univ, Coll Anim Sci & Vet Med, Jilin, Jilin, Peoples R China.

[Chang, Qiao-Cheng] Shantou Univ, Sch Publ Hlth, Shantou, Guangdong, Peoples R China.

[Xue, Shu-jiang] Yanbian Univ, Agr Coll, Yanji 133002, Jilin, Peoples R China.

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

Xue, SJ (通讯作者), Yanbian Univ, Agr Coll, Yanji 133002, Jilin, Peoples R China.

电子邮件地址: changqiaocheng2001@163.com; sjxue@ybu.edu.cn

研究方向: Genetics & Heredity

eISSN: 2380-2359

输出日期: 2022-03-23

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## Immunology

---

### 第 1 条

标题: Phloretin is protective in a murine salmonella enterica serovar typhimurium infection model

作者: Zhang, ZC (Zhang, Zecai); Liu, SY (Liu, Siyu); Huang, J (Huang, Jiang); Cui, YQ (Cui, Yueqi); Liu, Y (Liu, Yu); Zhou, YL (Zhou, Yulong); Zhu, ZB (Zhu, Zhanbo)

来源出版物: MICROBIAL PATHOGENESIS 卷: 161 文献号: 105298

DOI: 10.1016/j.micpath.2021.105298 提前访问日期: NOV 2021 子辑: B

出版年: DEC 2021

**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:000744248800008

文献类型: Article

作者关键词: Salmonella enterica serover typhimurium; Phloretin; Inflammation; Oxidative stress; Intestinal barrier

**KeyWords Plus:** OXIDATIVE STRESS; EPITHELIAL-CELLS; RESISTANCE; INFLAMMATION; INVOLVEMENT; EMERGENCE; DEATH; MICE

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

[Zhang, Zecai; Liu, Siyu; Huang, Jiang; Cui, Yueqi; Liu, Yu; Zhou, Yulong; Zhu, Zhanbo] Heilongjiang Prov Technol Innovat Ctr Bovine Dis, Daqing 163319, Peoples R China.

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[Zhang, Zecai; Liu, Yu; Zhou, Yulong; Zhu, Zhanbo] Heilongjiang Prov Key Lab Prevent & Control Bovin, Daqing 163319, Peoples R China.

[Zhang, Zecai; Liu, Yu; Zhou, Yulong; Zhu, Zhanbo] Heilongjiang Prov Cultivating Collaborat Innovat, Daqing 163319, Peoples R China.

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

电子邮件地址: zhanbozhu@byau.edu.cn

研究方向: Immunology; Microbiology

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eISSN: 1096-1208

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### Life Sciences & Biomedicine - Other Topics

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#### 第 1 条

标题: The molecular characteristics of soybean ARR-B transcription factors

作者: Li, H (Li, He); Chen, RN (Chen, Runan); Chen, ZC (Chen, Zhongcheng); Lin, JX (Lin, Jiaxin); Jin, XJ (Jin, Xijun); Ren, CY (Ren, Chunyuan); Chen, QS (Chen, Qiusen); Chen, FQ (Chen, Fengqiong); Yu, GB (Yu, Gaobo); Zhang, YX (Zhang, Yuxian)

来源出版物: BIOCELL 卷: 46 期: 6 页: 1575-1592

DOI: 10.32604/biocell.2022.018762 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:000753558800005

文献类型: Article

作者关键词: Soybean; Type-B authentic response regulator (B-ARRs); Abiotic stress

**KeyWords Plus:** REGULATOR GENE FAMILY; ARABIDOPSIS RESPONSE REGULATOR; CYTOKININ SIGNAL-TRANSDUCTION; GENOME-WIDE IDENTIFICATION; 2-COMPONENT SYSTEMS; EXPRESSION ANALYSES; DNA-BINDING; STRESS; ROLES; DUPLICATION

地址: [Li, He; Chen, Runan; Chen, Zhongcheng; Lin, Jiaxin; Jin, Xijun; Ren, Chunyuan; Chen, Qiusen; Chen, Fengqiong; Yu, Gaobo; Zhang, Yuxian] Heilongjiang Bayi Agr Univ, Daqing 163319, Peoples R China.

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

通讯作者地址: Yu, GB; Zhang, YX (通讯作者), Heilongjiang Bayi Agr Univ, Daqing 163319, Peoples R China.

Zhang, YX (通讯作者), Natl Coarse Cereals Engn Technol Res Ctr, Daqing 163319, Peoples R China.

电子邮件地址: yugaobo81@163.com; zyx\_lxy@126.com

研究方向: Life Sciences & Biomedicine - Other Topics

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### Optics

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#### 第 1 条

标题: Rapid identification of the variety of maize seeds based on near-infrared spectroscopy coupled with locally linear embedding

作者: Liu, S (Liu, Shu); Chen, ZG (Chen, Zhengguang); Jiao, F (Jiao, Feng)

来源出版物: APPLIED OPTICS 卷: 61 期: 7 页: 1704-1710

DOI: 10.1364/AO.449499 出版年: MAR 1 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:000762602500027

文献类型: Article

KeyWords Plus: DIMENSIONALITY REDUCTION; SCATTER-CORRECTION; NIR; SPECTRA

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

[Jiao, Feng] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

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

电子邮件地址: ruzee@byau.edu.cn

研究方向: Optics

ISSN: 1559-128X

eISSN: 2155-3165

输出日期: 2022-03-23

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### Plant Sciences

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#### 第 1 条

标题: Genome-wide identification of the SWEET gene family in Phaseolus vulgaris L. and their patterns of expression under abiotic stress

作者: Du, YL (Du, Yanli); Li, WJ (Li, Weijia); Geng, J (Geng, Jing); Li, SQ (Li, Siqi); Zhang, WJ (Zhang, Wenjing); Liu, XX (Liu, Xianxian); Hu, MH (Hu, Minghui); Zhang, ZN (Zhang, Zhaoning); Fan, YR (Fan, Yaru); Yuan, XK (Yuan, Xiankai); Du, JD (Du, Jidao); Zhao, Q (Zhao, Qiang)

来源出版物: JOURNAL OF PLANT INTERACTIONS 卷: 17 期: 1 页: 390-403

DOI: 10.1080/17429145.2022.2044079 出版年: DEC 31 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:000761622900001

文献类型: Article

作者关键词: SWEET gene family; common bean; growth and development; abiotic stress

**KeyWords Plus:** SUCROSE TRANSPORTERS; ARABIDOPSIS; ROOTS; TOLERANCE; NUTRITION; EVOLUTION

地址: [Du, Yanli; Li, Weijia; Geng, Jing; Li, Siqi; Zhang, Wenjing; Liu, Xianxian; Hu, Minghui; Zhang, Zhaoning; Fan, Yaru; Yuan, Xiankai; Du, Jidao; Zhao, Qiang] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Heilongjiang, Peoples R China. [Du, Yanli; Du, Jidao; Zhao, Qiang] Natl Coarse Cereals Engr Res Ctr, Daqing 163319, Heilongjiang, Peoples R China.

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

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

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

研究方向: Plant Sciences; Environmental Sciences & Ecology

**ISSN:** 1742-9145

**eISSN:** 1742-9153

输出日期: 2022-03-23

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## Spectroscopy

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### 第 1 条

标题: Rapid detection method of *Pleurotus eryngii* mycelium based on near infrared spectral characteristics

作者: Yang, C (Yang, Chen); Ma, XD (Ma, Xiaodan); Guan, HO (Guan, Haiou); Fan, BW (Fan, Bowen)

来源出版物: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY 卷: 271 文献号: 120919

**DOI:** 10.1016/j.saa.2022.120919 出版年: APR 15 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:000751753400009

文献类型: Article

作者关键词: *Pleurotus eryngii*; Mycelium; Near infrared spectroscopy; Feature extraction; Detection model

**KeyWords Plus:** AGARICUS-BISPORUS; MOISTURE-CONTENT

地址: [Yang, Chen; Ma, Xiaodan; Guan, Haiou] Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engr, Da Qing 163319, Peoples R China. [Fan, Bowen] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Da Qing 163319, Peoples R China.

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通讯作者地址: Guan, HO (通讯作者), Heilongjiang Bayi Agr Univ, Coll Informat & Elect Engr, Da Qing 163319, Peoples R China.

电子邮件地址: bynd\_yc@163.com; bynd\_mxd@163.com; gho@cau.edu.cn; fbw13845992107@163.com

研究方向: Spectroscopy

**ISSN:** 1386-1425

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# EI 收录情况

(2022. 01. 27-2022. 03. 23)

EI 索引库共收录我校教师发表的 31 篇文献，文献详细题录信息如下。

---

## 1. Rapid detection method of *Pleurotus eryngii* mycelium based on near infrared spectral characteristics

Yang, Chen (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Da Qing; 163319, China); Ma, Xiaodan; Guan, Haiou; Fan, Bowen **Source:** *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, v 271, April 15, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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## 2. Wireless powered hybrid backscatter-active communications with hardware impairments

Fu, Shuang (Institute of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing, China); Jiang, Peng; Ding, Chenyang **Source:** *Physical Communication*, v 52, June 2022

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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## 3. Ionic liquid-based cloud point extraction five organophosphorus pesticides in coarse cereals

Zhang, Liyuan (College of Food Science, Heilongjiang Bayi Agricultural University, 5 Xinfeng Road, Daqing; 163319, China); Yu, Runzhong; Zhou, Meng; Wang, Changyuan; Zhang, Dongjie; Ren, Wanxia; Shao, Yi **Source:** *Food Chemistry*, v 379, June 15, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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## 4. Mechanism by which 10-Hydroxy-2-decenoic Acid Induces Cell Apoptosis and Cycle Arrest and Inhibits Migration in Hepatocellular Carcinoma HepG2 Cells (10-, )

Zang, Yanqing (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Ju, Xueying; Zhai, Yuqing; Yao, Di; Zhu, Lei; Wang, Changyuan **Source:** *Shipin Kexue/Food Science*, v 42, n 23, p182-195, December 15, 2021 **Language:** Chinese

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**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### **5. Optimization of the inner flow channel of conical wind field anti-drift spray device and anti-drift characteristics ()**

Liu, Changxi (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Hu, Jun; Li, Yufei; Zhao, Shengxue; Zhang, Wei; Li, Qingda

**Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 37, n 22, p 11-20, November 15, 2021 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **6. Potential effects of mung bean protein and a mung bean protein-polyphenol complex on oxidative stress levels and intestinal microflora in aging mice**

Zhang, Shu (College of Food, Heilongjiang Bayi Agricultural University, Xinfeng Lu 5, Daqing; 163319, China); Ma, Yan-Tao; Feng, Yu-Chao; Wang, Chang-Yuan; Zhang, Dong-Jie **Source:** *Food and Function*, v 13, n 1, p 186-197, January 7, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **7. Thermal scale effect analysis of enhanced Reddy's laminated composite based on newmodified couple stress theory (Reddy)**

Si, Junling (College of Engineering, Heilongjiang Bayi Agriculture University, Daqing; 163319, China); Zhang, Ying; Yin, Dawei **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 39, n 1, p 424-430, January 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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### **8. Weight of energy consumption parameters of rural residences in severe cold area ([OpenAccess](#))**

Jiang, Wei (School of Architecture and Civil Engineering, Northeast Petroleum University, Fazhan Lu Street, Daqing; 163318, China); Liu, Bo; Li, Qing; Li, Dong; Ma, Lingyong **Source:** *Case Studies in Thermal Engineering*, v 26, August 2021

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### 9. Conjugation of the glutelin hydrolysates-glucosamine by transglutaminase and functional properties and antioxidant activity of the products

Liu, Xiao-lan (Heilongjiang Provincial Key Laboratory of Corn Processing, College of Food and Bioengineering, Qiqihar University, Qiqihar; 161006, China); Wang, Jun-tong; Liu, Yue; Cui, Ning; Wang, Dong-yu; Zheng, Xi-qun **Source:** *Food Chemistry*, v 380, June 30, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### 10. DESIGN OF DEEP-FERTILIZATION MECHANISM WITH DEFORMED GEARS AND PERFORMANCE TESTS (*Open Access*)

Jinlong, Feng (College of Engineering, Heilongjiang Bayi Agricultural University, Heilongjiang Daqing; 163319, China); Shujuan, Yi; Qichao, Li **Source:** *INMATEH - Agricultural Engineering*, v 65, n 3, p 321-332, 2021

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

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### 11. Recognition of unstructured field road scene based on semantic segmentation model ()

Meng, Qingkuan (College of Automation and Electrical Engineering, Tianjin University of Technology and Education, Tianjin; 300222, China); Yang, Xiaoxia; Zhang, Man; Gan, Haiou **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 37, n 22, p 152-160, November 15, 2021

**Language:** Chinese **Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### 12. Fire resistance evaluation and minimum reinforcement ratio for hybrid fibre-reinforced RPC beams under fire exposure

Ren, Pengfei (Key Lab of Structures Dynamic Behavior and Control of the Ministry of Education, Harbin Institute of Technology, Harbin; 150090, China); Hou, Xiaomeng; Cui, Zhongqian; Xie, Hengyan; Abid, Muhammad **Source:** *Journal of Building Engineering*, v 44, December 2021

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### 13. Effect of microaeration combined with ferric chloride pre treatment on anaerobic digestion of corn stalk

Wang, Zhiqiang (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing, China); Liu, Jinming; Tan, Feng **Source:** *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 2022 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### 14. Rapid identification of the variety of maize seeds based on near-infrared spectroscopy coupled with locally linear embedding

Liu, Shu (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Chen, Zhengguang; Jiao, Feng **Source:** *Applied Optics*, v 61, n 7, p 1704-1710, March 1, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### 15. Computation Offloading Strategy for IoT Using Improved Particle Swarm Algorithm in Edge Computing (*Open Access*)

Li, Aichuan (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Li, Lin; Yi, Shujuan **Source:** *Wireless Communications and Mobile Computing*, v 2022, 2022

**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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### 16. Sports Action Recognition Based on Particle Swarm Optimization Neural Networks (*Open Access*)

Zhang, Rui (Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China) **Source:** *Wireless Communications and Mobile Computing*, v 2022, 2022

**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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### 17. Research on the Characteristics and Development Trend of Internet Sports News

Gong, Xun (Heilongjiang Bayi Agricultural University, Daqing; 163319, China) **Source:** *2021 International Wireless Communications and Mobile Computing, IWCMC 2021*, p 1778-1782, 2021, *2021 International Wireless Communications and Mobile Computing, IWCMC 2021*

**Database:** Compendex

**Data Provider:** Engineering Village

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### **18. Construction of "interactive" English Translation Teaching Model Based on Data-Driven Learning (Open Access)**

Huang, Yabin (Humanities and Social Sciences College, Heilongjiang Bayi Agricultural University, Daqing; 163319, China) **Source:** *Wireless Communications and Mobile Computing*, v 2022, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **19. Throughput Fairness for Wireless Powered Cognitive Hybrid Active-Passive Communications (Open Access)**

Fu, Shuang (Institute of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing, China); Ding, Chenyang; Jiang, Peng **Source:** *Wireless Communications and Mobile Computing*, v 2022, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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---

### **20. Audio and Visual Exaggerated Expressive Speech Generation of English Language Learning Based on Automatic Context Algorithm**

Huang, Jie (Nanchang JiaoTong Institute, Jiangxi, China); Gong, Xun **Source:** *2021 International Wireless Communications and Mobile Computing, IWCMC 2021*, p 1774-1777, 2021, *2021 International Wireless Communications and Mobile Computing, IWCMC 2021*

**Database:** Compendex

**Data Provider:** Engineering Village

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### **21. Moldy Rice Detection Method Based on Near Infrared Spectroscopy Image Processing Technology ()**

Wen, Feng-Rui (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163000, China); Guan, Hai-Ou; Ma, Xiao-Dan; Zuo, Feng; Qian, Li-Li **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/ Spectroscopy and Spectral Analysis*, v 42, n 2, p 428-433, February 2022 **Language:** Chinese

**Database:** Compendex

**Data Provider:** Engineering Village

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---

### **22. Analysis of the Structure and Activity of Dipeptidyl Peptidase IV (DPP-IV) Inhibitory Oligopeptides from Sorghum Kafirin**

Dai, Lingyan (Department of Bioscience, College of Science and Biotechnology, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Kong, Lingxin; Cai, Xiao; Jiang, Peng; Liu, Nian; Zhang, Dongjie; Li, Zhijiang **Source:** *Journal of Agricultural and Food Chemistry*, v 70, n 6, p 2010-2017, February 16, 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **23. Analysis of Trade and Investment Cooperation between Fujian Province and Japan**

Wang, Wei (Heilongjiang Bayi Agricultural University, Daqing, Heilongjiang; 163319, China); Zhao, Guiyan **Source:** *Forest Chemicals Review*, v 2021, November-December, p 283-290, November 1, 2021

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### **24. Energy Economy and Energy Structure Optimization Countermeasures Based on Big Data Mining (Open Access)**

Zhang, Fangcheng (School of Marxism, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163316, China); Lin, Hong **Source:** *Wireless Communications and Mobile Computing*, v 2022, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

---

### **25. Rapid determination of ammonia nitrogen concentration in biogas slurry based on NIR transmission spectroscopy with characteristic wavelength selection**

Wang, Zhiqiang (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Wang, Xuefeng; Zhong, Guangping; Liu, Jinming; Sun, Yong; Zhang, Cai **Source:** *Infrared Physics and Technology*, v 122, May 2022

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

---

### **26. Research on the Optimized Management of Agricultural Machinery Allocation Path Based on Teaching and Learning Optimization Algorithm (Open Access)**

Liu, Ye (Heilongjiang Bayi Agricultural University, Xinyang Road, Longfeng, Heilongjiang, Daqing; 163319, China); Shi, Luan; Gao, Yang; Kou, Chunyu; Yang, Shuguo; Liu, Li **Source:** *Tehnicki Vjesnik*, v 29, n 2, p 456-463, 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

---

### **27. Exploring the effect of microwave treatment on phenolic flavonoids, antioxidant capacity, and phenolic in vitro bioaccessibility of sorghum**

Li, Ren (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Wang, Qi; Peng, Hui; Zhao, Guoliang; Zhang, Dongjie; Li, Zhijiang **Source:** *International Journal of Food Science and Technology*, 2022 Article in Press

**Database:** Compendex

**Data Provider:** Engineering Village

Compilation and indexing terms, Copyright 2022 Elsevier Inc.

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### **28. Improved Reduced-Order Fault Detection Filter Design for Polytopic Uncertain Discrete-Time Markovian Jump Systems with Time-Varying Delays (Open Access)**

Rong, Lihong (College of Automation, Harbin Engineering University, Harbin; 150001, China); Peng, Xiuyan; Liu, Liangliang; Zhang, Biao **Source:** *Complexity*, v 2018, April 23, 2018

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **29. Seismology-based hybrid ground motion prediction models of PGA in Sichuan, China**

Jiang, Wei (College of Civil Engineering and Water Conservancy, Heilongjiang Bayi Agricultural University Daqing, 163319, China); Tao, Xiabin; Tao, Zhengru **Source:** *Soil Dynamics and Earthquake Engineering*, v 156, May 2022

**Database:** Compendex

**Data Provider:** Engineering Village

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### **30. Distance correlation application to gene co-expression network analysis (Open Access)**

Hou, Jie (College of Intelligent Systems Science and Engineering, Harbin Engineering University, Nantong Street, Harbin, China); Ye, Xiufen; Feng, Weixing; Zhang, Qiaosheng; Han, Yatang; Liu, Yusong; Li, Yu; Wei, Yufen **Source:** *BMC Bioinformatics*, v 23, n 1, December 2022

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

**Database:** Compendex

**Data Provider:** Engineering Village

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### **31. Significant loss of soil inorganic carbon at the continental scale (Open Access)**

Song, Xiao-Dong (State Key Laboratory of Soil and Sustainable Agriculture, Institute of Soil Science, Chinese Academy of Sciences, Nanjing; 210008, China); Yang, Fei; Wu, Hua-Yong; Zhang, Jing; Li, De-Cheng; Liu, Feng; Zhao, Yu-Guo; Yang, Jin-Ling; Ju, Bing; Cai, Chong-Fa; Huang, Biao; Long, Huai-Yu; Lu, Ying; Sui, Yue-Yu; Wang, Qiu-Bing; Wu, Ke-Ning; Zhang, Feng-Rong; Zhang, Ming-Kui; Shi, Zhou; Ma, Wan-Zhu; Xin, Gang; Qi, Zhi-Ping; Chang, Qing-Rui; Ci, En; Yuan, Da-Gang; Zhang, Yang-Zhu; Bai, Jun-Ping; Chen, Jia-Ying; Chen, Jie; Chen, Yin-Jun; Dong, Yun-Zhong; Han, Chun-Lan; Li, Ling; Liu, Li-Ming; Pan, Jian-Jun; Song, Fu-Peng; Sun, Fu-Jun; Wang, Deng-Feng; Wang, Tian-Wei; Wei, Xiang-Hua; Wu, Hong-Qi; Zhao, Xia; Zhou, Qing; Zhang, Gan-Lin **Source:** *National Science Review*, v 9, n 2, February 1, 2022

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**Database:** Compendex

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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（2012.01-2022.03），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 2527，国际一流学科阈值为 3224，学科潜力值为 **78.38%**，与上期同比，上升了 **1.59%**；我校 **Agricultural Sciences** 学科阈值为 2183，国际一流学科阈值为 3019，学科潜力值<sup>③</sup>为 **72.31%**，与上期同比，上升了 **2.49%**。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 10 个学科处于上升趋势，有 1 个学科处于不变趋势，有 8 个学科处于下降趋势，其中 **Agricultural Sciences** 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	374	84.73	2527	78.07
Agricultural Sciences	2	304	90.57%	2183	75.99
Biology & Biochemistry	3	163	71.98%	1577	81.60
Chemistry	4	160	61.93%	1423	84.38
Microbiology	5	136	55.45%	1290	83.82
Molecular Biology & Genetics	6	113	44.77%	1180	84.96
Immunology	7	69	61.58%	1000	86.96
Clinical Medicine	8	74	80.32%	661	79.73
Engineering	9	65	93.25%	468	73.85
Pharmacology & Toxicology	10	45	102.49%	394	86.67
Computer Science	11	35	81.98%	366	60.00
Environment/Ecology	12	73	43.86%	364	43.84
Neuroscience & Behavior	13	17	119.54%	317	94.12
Materials Science	14	38	29.55%	222	65.79
Physics	15	48	30.34%	152	60.42
Mathematics	16	23	98.91%	84	78.26
Geosciences	17	9	62.62%	76	66.67
Multidisciplinary	18	5	42.63%	57	80.00
Social Sciences, general	19	3	8.78%	3	66.67

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	678	3019	1755	2633
Biology & Biochemistry	1230	6986	329	1787
Chemistry	2336	8841	2086	3578
Clinical Medicine	2921	4109	3553	30132
Computer Science	662	4721	2225	995
Economics& Business	559	5717	2019	600
Engineering	1038	3233	4403	2572
Environment/Ecology	1189	4695	2705	5288
Geosciences	1623	6775	2995	2633
Immunology	1177	5668	582	4615
Materials Science	2552	7944	4274	2405
Mathematics	426	5120	1022	619
Microbiology	869	5873	589	2243
Molecular Biology & Genetics	3450	15205	573	2962
Multidisciplinary	549	3122	77	249
Neuroscience & Behavior	1589	7080	2585	1634
Pharmacology & Toxicology	710	3934	6736	1383
Physics	17082	23299	3273	6094
Plant & Animal Science	815	3224	2453	3408
Psychiatry/Psychology	946	4410	2483	761
Social Sciences, general	507	1799	1427	2736
Space Science	8445	46240	1647	1010

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	2527	3224	76.79	78.38	↑
Agricultural Sciences	2	2183	3019	69.82	72.31	↑
Microbiology	3	1290	5873	27.32	21.96	↓
Biology & Biochemistry	4	1577	6986	24.92	22.57	↓
Chemistry	5	1423	8841	15.47	16.10	↑
Immunology	6	1000	5668	18.94	17.64	↓
Molecular Biology & Genetics	7	1180	15205	8.03	7.76	↓
Clinical Medicine	8	661	4109	16.32	16.09	↓
Pharmacology & Toxicology	9	394	3934	11.13	10.02	↓
Engineering	10	468	3233	15.09	14.48	↓
Environment/Ecology	11	364	4695	7.38	7.75	↑
Neuroscience & Behavior	12	317	7080	4.42	4.48	↑
Computer Science	13	366	4721	7.78	7.75	↓
Materials Science	14	222	7944	2.71	2.79	↑
Physics	15	152	23299	0.63	0.65	↑
Mathematics	16	84	5120	1.56	1.64	↑
Geosciences	17	76	6775	1.07	1.12	↑
Multidisciplinary	18	57	3122	1.80	1.83	↑
Social Sciences, general	19	3	1799	0.17	0.17	→

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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