

# 收錄引用月報

SCI·EI·ESI INDEX DATABASE

Dec. ~ Jan. 2019 No.6

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（2019. 11. 23-2020. 01. 18）

附件 2、EI 收录情况（2019. 11. 23-2020. 01. 18）

附件 3、ESI 学科分析简报

# SCI 收录情况

(2019. 11. 23. 13-2020. 01. 18)

SCI 索引库共收录我校教师发表的 46 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 46 篇文献详细题录信息。

RESEARCH FIELDS	研究领域	篇数
Agriculture	农业	6
Chemistry	化学	6
Veterinary Sciences	兽医科学	4
Parasitology	寄生虫学	4
Computer Science	计算机科学	3
Pharmacology & Pharmacy	药理学与药剂学	2
Environmental Sciences & Ecology	环境科学与生态学	2
Food Science & Technology	食品科学和技术	2
Research & Experimental Medicine	研究与试验医学	2
Biochemistry & Molecular Biology	生物化学与分子生物学	1
Biotechnology & Applied Microbiology	生物工程学和应用微生物学	1
Cell Biology	细胞生物学	1
Education & Educational Research	教育和教学研究	1
Engineering	工程	1
Genetics & Heredity	遗传学和遗传性	1
Energy & Fuels	能源和燃料	1
Immunology	免疫学	1
Instruments & Instrumentation	设备和仪器	1
Neurosciences & Neurology	神经科学与神经学	1
Oncology	肿瘤学	1
Plant Sciences	植物学	1
Science & Technology - Other Topics	科技-其他主题	1
Spectroscopy	光谱学	1
Thermodynamics	热动力学	1

表 1 我校 24 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: Metabonomics analysis of Zi goose follicular granulosa cells using ENO1 gene expression interference

作者: Ji, H (Ji, Hong); Guo, WJ (Guo, Wenjin); Niu, CY (Niu, Chunyang); Li, Y (Li, Yue); Lian, S (Lian, Shuai); Zhan, XL (Zhan, Xuelong); Guo, JR (Guo, Jingru); Zhen, L (Zhen, Li); Yang, HM (Yang, Huanmin); Li, SZ (Li, Shize); Wang, JF (Wang, Jianfa)

来源出版物: JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION DOI: 10.1111/jpn.13254 提前访问日期: DEC 2019

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:000501719600001

文献类型: Article; Early Access

作者关键词: ENO1; follicular granulosa cells; metabolomics; Zi goose

**KeyWords Plus:** AMINO-ACID; BILE-ACIDS; MOLECULAR CHARACTERIZATION; OVARIAN-FUNCTION; VITAMIN-D; GROWTH; STEROIDOGENESIS; GUIDELINES; FOLLICLES; APOPTOSIS

地址: [Ji, Hong; Niu, Chunyang; Li, Yue; Lian, Shuai; Zhan, Xuelong; Guo, Jingru; Zhen, Li; Yang, Huanmin; Li, Shize; Wang, Jianfa] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

[Guo, Wenjin] Jilin Univ, Coll Vet Med, Changchun, Jilin, Peoples R China.

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

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研究方向: Agriculture; Veterinary Sciences

ISSN: 0931-2439

eISSN: 1439-0396

输出日期: 2020-01-18

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### 第 2 条

标题: Assessing availability of amino acids from various feedstuffs in dairy cattle using a stable isotope-based approach

作者: Huang, X (Huang, X.); Estes, KA (Estes, K. A.); Yoder, PS (Yoder, P. S.); Wang, C (Wang, C.); Jiang, N (Jiang, N.); Pilonero, T (Pilonero, T.); Hanigan, MD (Hanigan, M. D.)

来源出版物: JOURNAL OF DAIRY SCIENCE 卷: 102 期: 12 页: 10983-10996

DOI: 10.3168/jds.2019-16697 出版年: DEC 2019

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:000496786100026

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文献类型: Article

作者关键词: amino acid; availability; isotope; dairy cattle

**KeyWords Plus:** MILK PROTEIN-SYNTHESIS; INTESTINAL DIGESTIBILITY; RUMINAL DEGRADABILITY; SOYBEAN-MEAL; CRUDE PROTEIN; DISTILLERS GRAINS; IN-VIVO; RUMEN; DEGRADATION; NITROGEN

地址: [Huang, X.; Estes, K. A.; Yoder, P. S.; Pilonero, T.; Hanigan, M. D.] Virginia Tech, Dept Dairy Sci, Blacksburg, VA 24061 USA.

[Wang, C.] Zhejiang A&F Univ, Coll Anim Sci & Technol, Hangzhou 311300, Zhejiang, 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: 2020-01-18

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### 第 3 条

标题: The regulatory effect of genistein on P450 aromatase and follicle-stimulating hormone receptor in mouse experimental model of menopausal metabolic syndrome

作者: Chu, XL (Chu, Xiao-Li); Zhang, T (Zhang, Tao); Kong, FX (Kong, Fan-Xiu); Xiao, YY (Xiao, Yu-Yang); Chi, XX (Chi, Xiao-Xing)

来源出版物: JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION

**DOI:** 10.1111/jpn.13237 提前访问日期: NOV 2019

**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:000496182000001

文献类型: Article; Early Access

作者关键词: follicle-stimulating hormone receptor; Genistein; menopausal metabolic syndrome model; mice; P450 aromatase

**KeyWords Plus:** ANTIESTROGENIC ACTIVITY; GRANULOSA-CELLS; EXPRESSION; ISOFLAVONES

地址: [Chu, Xiao-Li; Kong, Fan-Xiu; Xiao, Yu-Yang; Chi, Xiao-Xing] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing, Peoples R China.

[Zhang, Tao] Harbin Med Univ Daqing, Coll Med Lab Sci & Technol, Daqing, Peoples R China.

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研究方向: Agriculture; Veterinary Sciences  
**ISSN:** 0931-2439  
**eISSN:** 1439-0396  
输出日期: 2020-01-18

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#### 第 4 条

**标题:** Critical thresholds of Ion Concentration in Plasma for Hypocalcemia prediction in dairy cows using receiver operating characteristic (ROC) analysis

**作者:** Xiao, XH (Xiao, Xinhuan); Xu, CC (Xu, Chuchu); Shu, S (Shu, Shi); Xia, C (Xia, Cheng); Wang, G (Wang, Gang); Bai, YL (Bai, Yunlong); Wu, L (Wu, Ling); Zheng, JS (Zheng, Jiasan)

**来源出版物:** INDIAN JOURNAL OF ANIMAL RESEARCH 卷: 53 期: 11  
页: 1526-1529 **DOI:** 10.18805/ijar.v0iOF.8476 出版年: NOV 2019

**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:000498873800024

文献类型: Article

作者关键词: Cow; Hypocalcemia; Early warning; ROC analysis

**KeyWords Plus:** SUBCLINICAL HYPOCALCEMIA; MILK FEVER; DISEASE; ASSOCIATION; PARAMETERS; CALCIUM

地址: [Xiao, Xinhuan; Xu, Chuchu; Shu, Shi; Xia, Cheng; Wang, Gang; Bai, Yunlong; Wu, Ling; Zheng, Jiasan] Heilongjiang Bayi Agr Univ, Dept Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

通讯作者地址: Xia, C (通讯作者), Northeast Agr Univ, Synerget Innovat Ctr Food Safety & Nutr, Harbin 150030, Heilongjiang, Peoples R China.

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研究方向: Agriculture

**ISSN:** 0367-6722

输出日期: 2020-01-18

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#### 第 5 条

**标题:** Comparison of Reconstituted, Acidified Reconstituted Milk or Acidified Fresh Milk on Growth Performance, Diarrhea Rate, and Hematological Parameters in Preweaning Dairy Calves

**作者:** Li, LY (Li, Lingyan); Qu, JC (Qu, Jiachen); Xin, XY (Xin, Xiaoyue); Yin, SX (Yin, Shuxin); Qu, YL (Qu, Yongli)

**来源出版物:** ANIMALS 卷: 9 期: 10 **DOI:** 10.3390/ani9100778 出版年: OCT 2019

**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:000496757200075

文献类型: Article

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作者关键词: reconstituted milk; acidified reconstituted milk; acidified fresh milk; growth performance; diarrhea rate; hematological parameters; calves

**KeyWords Plus:** BEHAVIORAL-CHARACTERISTICS; NUTRIENT DIGESTIBILITY; AD-LIBITUM; REPLACER; HEALTH; NUTRITION; STRESS; PH

地址: [Li, Lingyan; Xin, Xiaoyue; Yin, Shuxin; Qu, Yongli] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Efficient Utilizat Feed Resources & Nutr, Daqing 163319, Peoples R China.

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研究方向: Agriculture; Veterinary Sciences

**ISSN:** 2076-2615

输出日期: 2020-01-18

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## 第 6 条

标题: Effect of thidiazuron on morphological and flowering characteristics of *Dendrobium* 'Sunya Sunshine' potted plants

作者: Zhang, DX (Zhang, Dongxue); Liao, Y (Liao, Yi); Lu, SJ (Lu, Shunjiao); Li, CH (Li, Chonghui); Shen, Z (Shen, Zhen); Yang, GS (Yang, Guangsui); Yin, JM (Yin, Junmei)

来源出版物: NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE

卷: 47 期: 3 页: 170-181 DOI: 10.1080/01140671.2019.1576744 出版年: JUL 3 2019

**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:000497446600003

文献类型: Article

作者关键词: Orchid; dendrobium; TDZ; floral bud formation; early flowering

**KeyWords Plus:** PETIOLE EXPLANTS; INDUCTION; ORCHID; MULTIPLICATION; REGENERATION; CYTOKININ; CULTURE; GROWTH

地址: [Zhang, Dongxue; Liao, Yi; Lu, Shunjiao; Li, Chonghui; Shen, Zhen; Yang, Guangsui; Yin, Junmei] CATAS, Trop Crops Genet Resources Inst, Danzhou City, Hainan, Peoples R China.

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[Liao, Yi; Lu, Shunjiao; Li, Chonghui; Shen, Zhen; Yang, Guangsui; Yin, Junmei] Minist Agr, Key Lab Crop Gene Resources & Germplasm Enhanceme, Danzhou City, Hainan, Peoples R China.

[Liao, Yi; Lu, Shunjiao; Li, Chonghui; Shen, Zhen; Yang, Guangsui; Yin, Junmei] Engr Technol Res Ctr Trop Ornamental Plant Germpl, Danzhou City, Hainan, Peoples R

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研究方向: Agriculture

ISSN: 0114-0671

eISSN: 1175-8783

输出日期: 2020-01-18

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## Chemistry

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### 第 1 条

标题: Yield and Physicochemical Properties of Soluble Dietary Fiber Extracted from Untreated and Steam Explosion-Treated Black Soybean Hull

作者: Shen, M (Shen, Meng); Ge, YF (Ge, Yunfei); Kang, ZY (Kang, Ziyue); Quan, ZG (Quan, Zhigang); Wang, J (Wang, Juan); Xiao, JL (Xiao, Jinling); Wang, WH (Wang, Weihao); Cao, LK (Cao, Longkui)

来源出版物: JOURNAL OF CHEMISTRY 卷: 2019

文献号: 9736479 DOI: 10.1155/2019/9736479 出版年: DEC 12 2019

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:000504260300001

文献类型: Article

**KeyWords Plus:** SEED COATS; PRETREATMENT; HYDROLYSIS; METABOLISM; ULTRASOUND

地址: [Shen, Meng; Ge, Yunfei; Kang, Ziyue; Quan, Zhigang; Wang, Juan; Xiao, Jinling; Cao, Longkui] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R China.

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

Cao, LK (通讯作者), Heilongjiang Bayi Agr Univ, Natl Coarse Cereals Engn Res Ctr, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Chemistry

ISSN: 2090-9063

eISSN: 2090-9071

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输出日期: 2020-01-18

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## 第 2 条

标题: Application of Genetic Simulated Annealing Algorithm in Detection of Corn Straw Cellulose

作者: Xie, H (Xie Huan); Chen, ZG (Chen Zheng-Guang)

来源出版物: CHINESE JOURNAL OF ANALYTICAL CHEMISTRY 卷: 47  
期: 12 页: 1987-1994 DOI: 10.19756/j.issn.0253.3820.191131 出版年: DEC 2019

**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:000503018000018

文献类型: Article

作者关键词: Near-infrared Spectroscopy; Corn Straw; Cellulose; Synergy interval partial least square; Genetic simulated annealing algorithm

**KeyWords Plus:** NEAR-INFRARED SPECTROSCOPY; PARTIAL LEAST-SQUARES; REFLECTANCE SPECTROSCOPY; NIR SPECTROSCOPY; STOVER; QUALITY; HEMICELLULOSE; CALIBRATION; WAVELENGTH; PREDICTION

地址: [Xie Huan; Chen Zheng-Guang] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daging 163319, Peoples R China.

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

电子邮件地址: ruzee@sina.com

研究方向: Chemistry

ISSN: 0253-3820

eISSN: 1872-2040

输出日期: 2020-01-18

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## 第 3 条

标题: Extraction and separation of acetanilide herbicides in beans based on metal-organic framework MIL-101 (Zn) as sorbent

作者: Zhang, CX (Zhang, Chenxi); Zhang, LY (Zhang, Liyuan); Yu, RZ (Yu, Runzhong)

来源出版物: FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT 卷: 36 期: 11  
页: 1677-1687 DOI: 10.1080/19440049.2019.1657966 出版年: NOV 2 2019

**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:000498192400003

文献类型: Article

作者关键词: Extraction; metal-organic framework; acetanilide herbicides; beans; MIL-101 (Zn)

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**KeyWords Plus:** SOLID-PHASE EXTRACTION; CHROMATOGRAPHY;  
ADSORPTION; SITES; POLAR; OIL

地址: [Zhang, Chenxi; Zhang, Liyuan] Heilongjiang Bayi Agr Univ, Coll Food Sci, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

[Yu, Runzhong] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

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

Yu, RZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

电子邮件地址: zly1981\_2005@163.com; yrz0459@163.com

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

**ISSN:** 1944-0049

**eISSN:** 1944-0057

输出日期: 2020-01-18

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#### 第 4 条

标题: Extraction of acetanilide herbicides in naked oat (*Avena nuda* L.) by using ionic-liquid-based matrix solid-phase dispersion-foam flotation solid-phase extraction

作者: Zhang, LY (Zhang, Liyuan); Mai, ZC (Mai, Zhenchuan); Wang, CY (Wang, Changyuan); Yu, RZ (Yu, Runzhong); Zhang, DJ (Zhang, Dongjie)

来源出版物: JOURNAL OF SEPARATION SCIENCE 卷: 42 期: 22

页: 3459-3469 DOI: 10.1002/jssc.201900541 出版年: NOV 2019

**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:000497882500008

文献类型: Article

作者关键词: acetanilide herbicides; foam flotation; ionic liquids; matrix solid-phase dispersion; naked oat

**KeyWords Plus:** TRIAZINE HERBICIDES; METABOLITES; ACETOCHLOR;  
SEPARATION; BUTACHLOR

地址: [Zhang, Liyuan; Wang, Changyuan; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

[Yu, Runzhong] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

[Mai, Zhenchuan] Daqing Oilfield Co, Tech Supervis Ctr, Daqing, Peoples R China.

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

Yu, RZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

电子邮件地址: yrz0459@163.com; byndzdj@126.com

研究方向: Chemistry

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**ISSN:** 1615-9306

**eISSN:** 1615-9314

输出日期: 2020-01-18

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### 第 5 条

**标题:** Fabrication and characterization of a novel corn straw/modified ammonium lignosulfonate bio-composite strengthened by polyethylenimine pretreatment

**作者:** Li, SD (Li, Sidan); Yuan, Y (Yuan, Yuan); Wang, JM (Wang, Jinman); Guo, MH (Guo, Minghui)

**来源出版物:** RSC ADVANCES 卷: 9 期: 60 页: 34754-34760

**DOI:** 10.1039/c9ra06237h 出版年: OCT 30 2019

**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:000498844000008

文献类型: Article

**KeyWords Plus:** DIMENSIONAL STABILITY IMPROVEMENT; KRAFT LIGNIN; WHEAT-STRAW; FIBER; PARTICLEBOARD; STALK; ADHESIVES; PERFORMANCE; PYROLYSIS; BINDER

**地址:** [Li, Sidan; Wang, Jinman; Guo, Minghui] Northeast Forestry Univ, Mat Sci & Engn Coll, Key Lab Biobased Mat Sci & Technol, Minist Educ, Harbin 150040, Heilongjiang, Peoples R China.

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**通讯作者地址:** Guo, MH (通讯作者), Northeast Forestry Univ, Mat Sci & Engn Coll, Key Lab Biobased Mat Sci & Technol, Minist Educ, Harbin 150040, Heilongjiang, Peoples R China.

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**研究方向:** Chemistry

**eISSN:** 2046-2069

输出日期: 2020-01-18

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### 第 6 条

**标题:** Extraction of acetanilide herbicides in naked oat (*Avena nuda* L.) by using ionic-liquid-based matrix solid-phase dispersion-foam flotation solid-phase extraction

**作者:** Zhang, LY (Zhang, Liyuan); Ma, ZC (Ma, Zhenchuan); Wang, CY (Wang, Changyuan); Yu, RZ (Yu, Runzhong); Zhang, DJ (Zhang, Dongjie)

**来源出版物:** JOURNAL OF SEPARATION SCIENCE

**DOI:** 10.1002/jssc.201900541 提前访问日期: SEP 2019

**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:000488151800001

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文献类型: Article; Early Access

作者关键词: acetanilide herbicides; foam flotation; ionic liquids; matrix solid-phase dispersion; naked oat

**KeyWords Plus:** TRIAZINE HERBICIDES; METABOLITES; ACETOCHLOR; SEPARATION; BUTACHLOR

地址: [Zhang, Liyuan; Wang, Changyuan; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

[Yu, Runzhong] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

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Yu, RZ; Zhang, DJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Elect & Informat, 5 Xinfeng Rd, Daqing 163319, Peoples R China.

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研究方向: Chemistry

ISSN: 1615-9306

eISSN: 1615-9314

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## Veterinary Sciences

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### 第 1 条

标题: Comprehensive analysis of synonymous codon usage patterns in orf3 gene of porcine epidemic diarrhea virus in China

作者: Xu, X (Xu, Xin); Li, PF (Li, Pengfei); Zhang, YT (Zhang, Yating); Wang, XH (Wang, Xianhe); Xu, JX (Xu, Jiabin); Wu, XN (Wu, Xuening); Shen, YJ (Shen, Yujiang); Guo, DX (Guo, Dexuan); Li, YC (Li, Yuchang); Yao, LL (Yao, Lili); Li, LY (Li, Liyang); Song, BF (Song, Baifen); Ma, JZ (Ma, Jinzhu); Liu, XY (Liu, Xinyang); Xu, SY (Xu, Shuyan); Zhang, H (Zhang, Hua); Wu, ZJ (Wu, Zhijun); Cao, HW (Cao, Hongwei)

来源出版物: RESEARCH IN VETERINARY SCIENCE 卷: 127 页: 42-46

DOI: 10.1016/j.rvsc.2019.09.012 出版年: DEC 2019

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:000503909600006

文献类型: Article

作者关键词: Porcine epidemic diarrhea virus; orf3 gene; Codon usage bias; Mutational bias; Natural selection

**KeyWords Plus:** PROTEIN; BIAS

地址: [Xu, Xin; Zhang, Yating; Wang, Xianhe; Xu, Jiabin; Wu, Xuening; Shen, Yujiang; Guo, Dexuan; Li, Yuchang; Yao, Lili; Li, Liyang; Song, Baifen; Ma, Jinzhu; Liu, Xinyang; Zhang, Hua; Wu, Zhijun; Cao, Hongwei] Heilongjiang BaYi Agr Univ, Coll

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[Xu, Xin; Zhang, Yating; Wang, Xianhe; Xu, Jiaxin; Wu, Xuening; Shen, Yujiang; Guo, Dexuan; Li, Yuchang; Yao, Lili; Li, Liyang; Song, Baifen; Ma, Jinzhu; Liu, Xinyang; Zhang, Hua; Wu, Zhijun; Cao, Hongwei] HeiLongJiang BaYi Agr Univ, Biotechnol Ctr, Daqing 163319, Peoples R China.

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研究方向: Veterinary Sciences

ISSN: 0034-5288

eISSN: 1532-2661

输出日期: 2020-01-18

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## 第 2 条

标题: Effects of ketosis in dairy cows on blood biochemical parameters, milk yield and composition, and digestive capacity

作者: Yang, W (Yang, Wei); Zhang, BB (Zhang, Bingbing); Xu, C (Xu, Chuang); Zhang, HY (Zhang, Hongyou); Xia, C (Xia, Cheng)

来源出版物: JOURNAL OF VETERINARY RESEARCH 卷: 63 期: 4

页: 555-560 DOI: 10.2478/jvetres-2019-0059 出版年: DEC 2019

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:000503982100014

文献类型: Review

作者关键词: dairy cow; ketosis; milk yield; digestive capacity; dry matter intake

**KeyWords Plus:** GAMMA-GLUTAMYL-TRANSFERASE; NEUTRAL DETERGENT FIBER; SUBCLINICAL KETOSIS; BETA-HYDROXYBUTYRATE; REPRODUCTIVE-PERFORMANCE; EARLY LACTATION; FATTY-ACIDS; DISEASES; HEALTH; DIGESTIBILITY

地址: [Yang, Wei; Xu, Chuang; Zhang, Hongyou; Xia, Cheng] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

[Zhang, Bingbing] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Peoples R China.

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



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研究方向: Veterinary Sciences

ISSN: 2450-7393

eISSN: 2450-8608

输出日期: 2020-01-18

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### 第 3 条

标题: Effects of exogenous Fibroblast Growth Factor-21 on characteristic parameters related to energy metabolism in dairy cows

作者: Chen, YY (Chen, Yuanyuan); Wu, Q (Wu, Qian); Gao, Y (Gao, Ying); Zhang, HT (Zhang, Hongtao); Dong, ZH (Dong, Zhihao); Li, RR (Li, Ruirui); Xu, C (Xu, Chuang)

来源出版物: MEDYCYNA WETERYNARYJNA-VETERINARY MEDICINE-SCIENCE AND PRACTICE 卷: 75 期: 12 页: 738-743 DOI: 10.21521/mw.6343 出版年: DEC 2019

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:000503037900008

文献类型: Article

作者关键词: exogenous FGF-21; negative energy balance; serum metabolites

KeyWords Plus: EXPRESSION; FGF-21

地址: [Chen, Yuanyuan; Wu, Qian; Gao, Ying; Zhang, Hongtao; Dong, Zhihao; Li, Ruirui; Xu, Chuang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

通讯作者地址: Xu, C (通讯作者), Heilongjiang Bayi Agr Univ, Coll Aal Sci & Vet Med, Clin Vet Med, Daqing 163319, Peoples R China.

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研究方向: Veterinary Sciences

ISSN: 0025-8628

输出日期: 2020-01-18

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### 第 4 条

标题: The Relationship between Insulin Resistance and Type II Ketosis in Dairy Cows

作者: Zhang, CY (Zhang Cuiyu); Zhao, C (Zhao Chang); Zhang, J (Zhang Jiang); Xia, C (Xia Cheng); Zhang, HY (Zhang Hong You)

来源出版物: ACTA SCIENTIAE VETERINARIAE 卷: 47

文献号: 1694 DOI: 10.22456/1679-9216.93425 出版年: NOV 3 2019

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:000495883500001

文献类型: Article

作者关键词: hyperglycemia; insulin resistance; liver function; oxidative stress; type II ketosis

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**KeyWords Plus:** SUBCLINICAL KETOSIS; EARLY-LACTATION; TRANSITION PERIOD; ENERGY-BALANCE; LIVER; ASSOCIATION; ADIPONECTIN; SENSITIVITY; ETIOLOGY; CATTLE

地址: [Zhang Cuiyu; Zhao Chang; Zhang Jiang; Xia Cheng; Zhang Hong You] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

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

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研究方向: Veterinary Sciences

ISSN: 1678-0345

eISSN: 1679-9216

输出日期: 2020-01-18

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### Parasitology

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#### 第 1 条

标题: Seroprevalence of *Toxoplasma gondii* in horses: A global systematic review and meta-analysis

作者: Li, X (Li Xi); Ni, HB (Ni Hong-Bo); Ren, WX (Ren Wei-Xin); Jiang, J (Jiang Jing); Gong, QL (Gong Qing-Long); Zhang, XX (Zhang Xiao-Xuan)

来源出版物: ACTA TROPICA 卷: 201

文献号: UNSP 105222 DOI: 10.1016/j.actatropica.2019.105222 出版年: JAN 2020

**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:000500186700028

文献类型: Review

作者关键词: Toxoplasmosis; Seroprevalence; Horse; Zoonosis; Meta-analysis

**KeyWords Plus:** SARCOCYSTIS-NEURONA; NEOSPORA-CANINUM; DOMESTIC HORSES; RISK-FACTORS; PREVALENCE; ANTIBODIES; INFECTION; STATE; SEROEPIDEMIOLOGY; XINJIANG

地址: [Li Xi; Ni Hong-Bo; Zhang Xiao-Xuan] Qingdao Agr Univ, Coll Vet Med, Qingdao 266109, Shandong, Peoples R China.

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研究方向: Parasitology; Tropical Medicine

ISSN: 0001-706X

eISSN: 1873-6254

输出日期: 2020-01-18

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## 第 2 条

标题: Transcriptomic analysis of reproductive damage in the epididymis of male Kunming mice induced by chronic infection of *Toxoplasma gondii* PRU strain

作者: Zheng, YX (Zheng, Yu-Xiang); Zhang, XX (Zhang, Xiu-Xiang); Hernandez, JA (Hernandez, Jorge A.); Mahmmod, YS (Mahmmod, Yasser S.); Huang, WY (Huang, Wan-Yi); Li, GF (Li, Gui-Feng); Wang, YP (Wang, Ya-Pei); Zhou, X (Zhou, Xue); Li, XM (Li, Xiu-Ming); Yuan, ZG (Yuan, Zi-Guo)

来源出版物: PARASITES & VECTORS 卷: 12 期: 1

文献号: 529 DOI: 10.1186/s13071-019-3783-2 出版年: NOV 8 2019

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:000495584500002

文献类型: Article

作者关键词: *Toxoplasma gondii*; Chronic infection; Reproductive impairment; DEGs; RNA-seq

**KeyWords Plus:** ACROSOME REACTION; MOTILITY; BINDING; SEMEN

地址: [Zheng, Yu-Xiang; Huang, Wan-Yi; Li, Gui-Feng; Wang, Ya-Pei; Zhou, Xue; Yuan, Zi-Guo] South China Agr Univ, Coll Vet Med, Guangzhou 510642, Guangdong, Peoples R China.

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Li, XM (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: Parasitology; Tropical Medicine

ISSN: 1756-3305

输出日期: 2020-01-18

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### 第 3 条

标题: Immune Responses Induced by pVAX/TgERK7 against *Toxoplasma gondii* Infection in BALB/c Mice

作者: Guo, HT (Guo, Hai-Ting); Li, ZY (Li, Zhong-Yuan); Wang, JL (Wang, Jin-Lei); Geng, ZY (Geng, Zhao-Yu); Zhu, XQ (Zhu, Xing-Quan)

来源出版物: IRANIAN JOURNAL OF PARASITOLOGY 卷: 14 期: 4 页: 552-562

出版年: OCT-DEC 2019

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:000504456200006

文献类型: Article

作者关键词: *Toxoplasma gondii*; Toxoplasmosis; ERK7; DNA vaccine; Immune response

**KeyWords Plus:** ACTIVATED PROTEIN-KINASE; IFN-GAMMA; PROTECTIVE IMMUNITY; DNA IMMUNIZATION; TNF-ALPHA; PARASITE; IDENTIFICATION; PROLIFERATION; CHEMOKINES; RESISTANCE

地址: [Guo, Hai-Ting; Li, Zhong-Yuan] Guilin Med Coll, Guangxi Key Lab Brain & Cognit Neurosci, Guilin, Peoples R China.

[Guo, Hai-Ting] Heilongjiang Bayi Agr Univ, Coll Biol Sci & Technol, Daqing, Peoples R China.

[Li, Zhong-Yuan; Wang, Jin-Lei; Zhu, Xing-Quan] Chinese Acad Agr Sci, Lanzhou Vet Res Inst, State Key Lab Vet Etiol Biol, Key Lab Vet Parasitol Gansu Prov, Lanzhou, Gansu, Peoples R China.

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研究方向: Parasitology

ISSN: 1735-7020

eISSN: 2008-238X

输出日期: 2020-01-18

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### 第 4 条

标题: Meta-analysis of *Toxoplasma gondii* in pigs intended for human consumption in

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Mainland China

作者: Zhang, XX (Zhang, Xiao-Xuan); Ren, WX (Ren, Wei-Xin); Tan, QD (Tan, Qi-Dong); Hou, GY (Hou, Guangyu); Fei, YC (Fei, Yu-Chao); Zhao, LJ (Zhao, Li-Juan); Zhao, Q (Zhao, Quan); Sun, DB (Sun, Dongbo)

来源出版物: ACTA TROPICA 卷: 198

文献号: UNSP 105081 DOI: 10.1016/j.actatropica.2019.105081 出版年: OCT 2019

**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:000500184600008

文献类型: Article

作者关键词: Toxoplasma gondii; Pig; Prevalence; Odds ratio; China

**KeyWords Plus:** RISK-FACTORS; TIBETAN PIGS; INFECTION; SEROPREVALENCE; PROVINCE; PREVALENCE; EASTERN; PORK

地址: [Zhang, Xiao-Xuan; Ren, Wei-Xin; Fei, Yu-Chao; Sun, Dongbo] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Parasitology; Tropical Medicine

**ISSN:** 0001-706X

**eISSN:** 1873-6254

输出日期: 2020-01-18

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## Computer Science

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### 第 1 条

标题: Market fluctuation and agricultural insurance forecasting model based on machine learning algorithm of parameter optimization

作者: Wei, C (Wei, Cheng); Dan, L (Dan, Li)

来源出版物: JOURNAL OF INTELLIGENT & FUZZY

SYSTEMS 卷: 37 期: 5 页: 6217-6228 DOI: 10.3233/JIFS-179204 出版年: 2019

**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:000498834900044

文献类型: Article

作者关键词: Parameter optimization; machine learning; agricultural insurance; forecast model

**KeyWords Plus:** PREDICTING STOCK

地址: [Wei, Cheng; Dan, Li] Northeast Agr Univ, Sch Econ & Management, Harbin, Heilongjiang, Peoples R China.

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研究方向: Computer Science

**ISSN:** 1064-1246

**eISSN:** 1875-8967

输出日期: 2020-01-18

---

## 第 2 条

标题: Spectrum sensing defending against PUE attack based on fractal dimension

作者: Fu, SA (Fu, Shuang); Zhang, GY (Zhang, Guoyin); Li Y (Li Yang)

来源出版物: CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 卷: 22 期: 2 页: S2667-S2675

**DOI:** 10.1007/s10586-017-1427-x 出版年: MAR 2019

**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:000492605300013

文献类型: Article

作者关键词: Spectrum sensing; Primary user emulation attack; Fractal dimension; Modulation identification

地址: [Fu, Shuang; Zhang, Guoyin] Harbin Engn Univ, Coll Comp Sci & Technol, Harbin 150001, Heilongjiang, Peoples R China.

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研究方向: Computer Science

**ISSN:** 1386-7857

**eISSN:** 1573-7543

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输出日期: 2020-01-18

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### 第 3 条

标题: Cross-layer parallel cooperative spectrum sensing for heterogeneous channels based on iterative KM algorithm

作者: Fu, S (Fu, Shuang); Zhang, GY (Zhang, Guoyin); Shang, TY (Shang, Tingyi)

来源出版物: CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS 卷: 22 期: 2 页: S2629-S2637

DOI: 10.1007/s10586-017-1372-8 出版年: MAR 2019

**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:000492605300009

文献类型: Article

作者关键词: Cognitive radio; Spectrum sensing; KM algorithm; Sensing duration

**KeyWords Plus:** COGNITIVE RADIO NETWORKS

地址: [Fu, Shuang; Shang, Tingyi] Heilongjiang Bayi Agr Univ, Inst Elect & Informat, Daqing 163319, Peoples R China.

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研究方向: Computer Science

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## Pharmacology & Pharmacy

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### 第 1 条

标题: Synthesis and evaluation of 4-(1,3,4-oxadiazol-2-yl)-benzenesulfonamides as potent carbonic anhydrase inhibitors

作者: Yang, CF (Yang, Chaofu); Feng, Y (Feng, Yan); Yang, X (Yang, Xu); Sun, MX (Sun, Mingxia); Li, ZW (Li, Zhenwang); Liu, X (Liu, Xuan); Lu, L (Lu, Liang); Sun, XY (Sun, Xianyu); Zhang, JW (Zhang, Jiwen); He, XH (He, Xinhua)

来源出版物: BIOORGANIC & MEDICINAL CHEMISTRY LETTERS 卷: 30 期: 2

文献号: 126874 DOI: 10.1016/j.bmcl.2019.126874 出版年: JAN 15 2020

**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:000504873300046

文献类型: Article

作者关键词: Benzenesulfonamide derivatives; hCA inhibitors; Cytotoxicity; Anti-hypoxia; Docking simulations

**KeyWords Plus:** BIOLOGICAL EVALUATION; DERIVATIVES; IX

地址: [Yang, Chaofu; Sun, Mingxia; Zhang, Jiwen] Northwest A&F Univ, Shaanxi Key Lab Nat Prod & Chem Biol, Coll Chem & Pharm, Yangling 712100, Shaanxi, Peoples R China.

[Yang, Chaofu; Yang, Xu; Liu, Xuan; Lu, Liang; He, Xinhua] Beijing Inst Pharmacol & Toxicol, State Key Lab Toxicol & Med Countermeasures, 27 Taiping Rd, Beijing 100850, Peoples R China.

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研究方向: Pharmacology & Pharmacy; Chemistry

**ISSN:** 0960-894X

**eISSN:** 1464-3405

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## 第 2 条

标题: Chinese Herbal Formula (CHF03) Attenuates Non-Alcoholic Fatty Liver Disease (NAFLD) Through Inhibiting Lipogenesis and Anti-Oxidation Mechanisms

作者: Cui, YZ (Cui, Yizhe); Chang, RX (Chang, Renxu); Zhang, T (Zhang, Tao); Zhou, XC (Zhou, Xiaocui); Wang, QJ (Wang, Qiuju); Gao, HY (Gao, Haiyun); Hou, LT (Hou, Lintong); Loo, JJ (Loo, Juan J.); Xu, C (Xu, Chuang)

来源出版物: FRONTIERS IN PHARMACOLOGY 卷: 10

文献号: 1190 DOI: 10.3389/fphar.2019.01190 出版年: OCT 15 2019

**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:000497537100001

文献类型: Article

作者关键词: nonalcoholic fatty liver disease; herbal formula; hepatocytes; NF-kappa B; high-fat diet

**KeyWords Plus:** FACTOR-KAPPA-B; HEPATIC STEATOSIS; INFLAMMATION; STEATOHEPATITIS; MEDIATORS; INJURY

地址: [Cui, Yizhe; Chang, Renxu; Wang, Qiuju; Gao, Haiyun; Hou, Lintong; Xu, Chuang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing, Peoples R



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研究方向: Pharmacology & Pharmacy

ISSN: 1663-9812

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### Environmental Sciences & Ecology

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#### 第 1 条

标题: EFFECT OF VARIOUS LEVELS OF BIOCHAR INCORPORATION ON SOYBEAN YIELDS, PHYSICAL QUALITY AND NITRIFYING BACTERIA OF BLACK SOIL IN NORTHEAST CHINA

作者: Jin, L (Jin, L.); Wei, D (Wei, D.); Yin, D (Yin, D.); Zhou, B (Zhou, B.); Li, Y (Li, Y.); Wang, W (Wang, W.); Zhang, J (Zhang, J.); Yu, S (Yu, S.); Jiang, Y (Jiang, Y.); Li, Y (Li, Y.); Cai, S (Cai, S.)

来源出版物: APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH

卷: 17 期: 6 页: 15375-15391 DOI: 10.15666/aeer/1706\_1537515391 出版年: 2019

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:000505251300186

文献类型: Article

作者关键词: maize-derived biochar; application levels; physical properties; field experiment; black soil

**KeyWords Plus:** HYDRAULIC-PROPERTIES; ORGANIC-CARBON; PARTICLE-SIZE; AGGREGATE STABILITY; WATER-RETENTION; PLANT-GROWTH; MAIZE YIELD; PADDY SOIL; AMENDMENT; EMISSIONS

地址: [Jin, L.; Wei, D.] Beijing Acad Agr & Forestry Sci, Plant Nutr & Resources Inst, Beijing 100097, Peoples R China.

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研究方向: Environmental Sciences & Ecology

**ISSN:** 1589-1623

**eISSN:** 1785-0037

输出日期: 2020-01-18

---

## 第 2 条

标题: UNICONAZOLE APPLICATION ALLEVIATES WATERLOGGING STRESS DURING REPRODUCTIVE PHASES OF GLYCINE MAX: FROM GROWTH, PHOTOSYNTHESIS AND OSMOTIC ADJUSTMENT

作者: Qu, SM (Qu, Shanmin); Lin, JX (Lin, Jixiang); Zheng, DF (Zheng, Dianfeng)

来源出版物: FRESENIUS ENVIRONMENTAL BULLETIN 卷: 28 期: 12A

页: 10174-10180 出版年: 2019

**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:000501936600065

文献类型: Article

作者关键词: Uniconazole; Waterlogging stress; Soybean; Photosynthesis; Osmotic adjustment

**KeyWords Plus:** FLOODING TOLERANCE

地址: [Qu, Shanmin; Zheng, Dianfeng] Heilongjiang Bayi Agr Univ, Agron Coll, Daqing 163319, Peoples R China.

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研究方向: Environmental Sciences & Ecology

**ISSN:** 1018-4619

**eISSN:** 1610-2304

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输出日期: 2020-01-18

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**Food Science & Technology**

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**第 1 条**

标题: Gene expression profile indicates involvement of uniconazole in *Coix lachryma-jobi* L. seedlings at low temperature

作者: Huang, YL (Huang, Yulan); Yue, CJ (Yue, Caijun); Xiang, JL (Xiang, Junliang); Han, YQ (Han, Yiqiang); Wang, JW (Wang, Jingwei); Wang, LY (Wang, Liyan); Sun, LF (Sun, Lifang)

来源出版物: FOOD SCIENCE & NUTRITION DOI: 10.1002/fsn3.1338

提前访问日期: DEC 2019

**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:000502667000001

文献类型: Article; Early Access

作者关键词: coix seedlings; growth and physiological parameters; low temperature; transcriptome; uniconazole (UNZ)

**KeyWords Plus:** HYDROGEN-PEROXIDE; GROWTH; RESPONSES; REVEALS; EXTRACT; STRESS

地址: [Huang, Yulan; Yue, Caijun; Xiang, Junliang; Han, Yiqiang; Wang, Jingwei; Wang, Liyan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing, Peoples R China.

[Sun, Lifang] Heilongjiang Bayi Agr Univ, Coll Agron, Daqing, Peoples R China.

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研究方向: Food Science & Technology

**ISSN:** 2048-7177

输出日期: 2020-01-18

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**第 2 条**

标题: Geographical Origin Traceability of Rice: A Study on the Effect of Processing Precision on Index Elements

作者: Qian, LL (Qian, Lili); Zuo, F (Zuo, Feng); Zhang, CD (Zhang, Caidong); Zhang, DJ (Zhang, Dongjie)

来源出版物: FOOD SCIENCE AND TECHNOLOGY RESEARCH

卷: 25 期: 5 页: 619-624 DOI: 10.3136/fstr.25.619 出版年: SEP 2019

**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:000498322600001

文献类型: Review

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作者关键词: mineral elements; geographical traceability; rice; processing precision; ICP-MS

地址: [Qian, Lili; Zuo, Feng; Zhang, Caidong; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

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

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研究方向: Food Science & Technology

ISSN: 1344-6606

eISSN: 1881-3984

输出日期: 2020-01-18

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### Research & Experimental Medicine

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#### 第 1 条

标题: Deletion of Peroxiredoxin II Inhibits the Growth of Mouse Primary Mesenchymal Stem Cells Through Induction of the G(0)/G(1) Cell-cycle Arrest and Activation of AKT/GSK3 beta/beta-Catenin Signaling

作者: Han, YH (Han, Ying-Hao); Jin, MH (Jin, Mei-Hua); Jin, YH (Jin, Ying-Hua); Yu, NN (Yu, Nan-Nan); Liu, J (Liu, Jun); Zhang, YQ (Zhang, Yong-Qing); Cui, YD (Cui, Yu-Dong); Wang, AG (Wang, Ai-Guo); Lee, DS (Lee, Dong-Seok); Kim, SU (Kim, Sun-UK); Kim, JS (Kim, Ji-Su); Kwon, T (Kwon, Taeho); Sun, HN (Sun, Hu-Nan)

来源出版物: IN VIVO 卷: 34 期: 1 页: 133-141

DOI: 10.21873/invivo.11754 出版年: JAN-FEB 2020

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:000504753200016

文献类型: Article

作者关键词: Peroxiredoxin II; cell cycle; mesenchymal stem cells; glycogen synthase kinase 3 beta/beta-catenin signaling

**KeyWords Plus:** SYNTHASE KINASE 3; REACTIVE OXYGEN; IN-VITRO; CATENIN; DIFFERENTIATION; KNOCKDOWN; EXPANSION

地址: [Han, Ying-Hao; Jin, Mei-Hua; Yu, Nan-Nan; Liu, Jun; Zhang, Yong-Qing; Cui, Yu-Dong; Sun, Hu-Nan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

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通讯作者地址: Han, YH; Sun, HN (通讯作者), Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Research & Experimental Medicine

**ISSN:** 0258-851X

**eISSN:** 1791-7549

输出日期: 2020-01-18

---

## 第 2 条

标题: Non-thermal Plasma-activated Medium Induces Apoptosis of Aspc1 Cells Through the ROS-dependent Autophagy Pathway

作者: Zhen, X (Zhen, Xing); Sun, HN (Sun, Hu-Nan); Liu, R (Liu, Ren); Choi, HS (Choi, Hack Sun); Lee, DS (Lee, Dong-Sun)

来源出版物: IN VIVO 卷: 34 期: 1 页: 143-153 DOI: 10.21873/invivo.11755

出版年: JAN-FEB 2020

**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:000504753200017

文献类型: Article

作者关键词: Non-thermal plasma; apoptosis; pancreatic cancer; reactive oxygen species; autophagy

**KeyWords Plus:** SURVIVAL

地址: [Zhen, Xing; Liu, Ren; Lee, Dong-Sun] Jeju Natl Univ, Interdisciplinary Grad Program Adv Convergence Te, Jeju, South Korea.

[Sun, Hu-Nan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Dept Dis Model Anim Res Ctr, Daqing, Peoples R China.

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研究方向: Research & Experimental Medicine

**ISSN:** 0258-851X

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输出日期: 2020-01-18

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**Biochemistry & Molecular Biology**

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**第 1 条**

**标题:** Evaluation of biochemical and antioxidant dynamics during the co-fermentation of dehusked barley with *Rhizopus oryzae* and *Lactobacillus plantarum*

**作者:** Wang, K (Wang, Kun); Niu, MM (Niu, Mengmeng); Song, DW (Song, Dawei); Liu, Y (Liu, Yang); Wu, Y (Wu, Yue); Zhao, J (Zhao, Jing); Li, SZ (Li, Shize); Lu, BX (Lu, Baoxin)

**来源出版物:** JOURNAL OF FOOD BIOCHEMISTRY

**文献号:** e13106 **DOI:** 10.1111/jfbc.13106 **提前访问日期:** DEC 2019

**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:000500752400001

**文献类型:** Article; Early Access

**作者关键词:** antioxidant activity; barley; biochemical dynamics; solid-state fermentation

**KeyWords Plus:** LACTIC-ACID BACTERIA; PHENOLIC CONTENT; RICE BRAN; OLIGOSPORUS; INHIBITION; ENRICHMENT; PEPTIDES; GROWTH; DAMAGE; GRAIN

**地址:** [Wang, Kun; Niu, Mengmeng; Song, Dawei; Liu, Yang; Wu, Yue; Zhao, Jing; Lu, Baoxin] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Heilongjiang, Peoples R China.

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

**ISSN:** 0145-8884

**eISSN:** 1745-4514

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**Biotechnology & Applied Microbiology**

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**第 1 条**

**标题:** A new understanding: Gene expression, cell characteristic and antioxidant

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enzymes of *Zygosaccharomyces rouxii* under the D-fructose regulation

作者: Liu, H (Liu, Hong); Dai, LY (Dai, Lingyan); Wang, FY (Wang, Fanyu); Li, X (Li, Xin); Liu, W (Liu, Wei); Pan, BL (Pan, Bailing); Wang, CT (Wang, Chengtao); Zhang, DJ (Zhang, Dongjie); Deng, JZ (Deng, Jingzhi); Li, ZJ (Li, Zhijiang)

来源出版物: ENZYME AND MICROBIAL TECHNOLOGY 卷: 132

文献号: 109409 DOI: 10.1016/j.enzmictec.2019.109409 出版年: JAN 2020

**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:000504531500012

文献类型: Article

作者关键词: *Zygosaccharomyces rouxii*; D-fructose regulation; Transcriptome analysis; Antioxidant enzymes; Resistance mechanism

**KeyWords Plus:** SACCHAROMYCES-CEREVISIAE; STRESS; YEAST; TOLERANCE; MECHANISM; SUGAR

地址: [Liu, Hong; Wang, Fanyu; Li, Xin; Liu, Wei; Pan, Bailing; Zhang, Dongjie; Deng, Jingzhi; Li, Zhijiang] Heilongjiang Bayi Agr Univ, Coll Food, Dept Food & Engr, Daqing 163319, Heilongjiang, Peoples R China.

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Dai, LY (通讯作者), Heilongjiang Bayi Agr Univ, Coll Sci & Biotechnol, Dept Biosci, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Biotechnology & Applied Microbiology

ISSN: 0141-0229

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---

### Cell Biology

#### 第 1 条

标题: NF kappa B/Orai1 Facilitates Endoplasmic Reticulum Stress by Oxidative Stress in the Pathogenesis of Non-alcoholic Fatty Liver Disease

作者: Zhang, BB (Zhang, Bingbing); Li, M (Li, Ming); Zou, Y (Zou, Ying); Guo, H (Guo, Han); Zhang, BD (Zhang, Bingdong); Xia, C (Xia, Cheng); Zhang, HY (Zhang, Hongyou); Yang, W (Yang, Wei); Xu, C (Xu, Chuang)

来源出版物: FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY 卷: 7

文献号: UNSP 202 DOI: 10.3389/fcell.2019.00202 出版年: OCT 2 2019

**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:000497377800001

文献类型: Article

作者关键词: NAFLD; oxidative stress; ER stress; Orai1; NEFA

**KeyWords Plus:** ACIDS; ORAI1; EXPRESSION; MARKER

地址: [Zhang, Bingbing] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Xinyang, Peoples R China.

[Li, Ming; Zou, Ying; Guo, Han; Xia, Cheng; Zhang, Hongyou; Yang, Wei; Xu, Chuang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Technol, Xinyang, Peoples R China.

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研究方向: Cell Biology; Developmental Biology

**ISSN:** 2296-634X

输出日期: 2020-01-18

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### Education & Educational Research

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#### 第 1 条

标题: Energy consumption assessment of athlete physical training based on Bayesian model of normal distribution model

作者: Liu, DB (Liu, Dongbing)

来源出版物: INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION

文献号: UNSP 0020720919884238 **DOI:** 10.1177/0020720919884238

提前访问日期: NOV 2019

**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:000495267900001

文献类型: Article; Early Access

作者关键词: Normal distribution; Bayesian; athletes; physical training; energy consumption assessment

**KeyWords Plus:** SOCCER; METER

地址: [Liu, Dongbing] Heilongjiang Bayi Agr Univ, Mil Sports Minist, Daqing, Peoples R China.

通讯作者地址: Liu, DB (通讯作者), Heilongjiang Bayi Agr Univ, Mil Sports Minist, Daqing, Peoples R China.

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研究方向: Education & Educational Research; Engineering

**ISSN:** 0020-7209

**eISSN:** 2050-4578



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输出日期: 2020-01-18

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## Engineering

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### 第 1 条

标题: A robust unscented Kalman filter and its application in estimating dynamic positioning ship motion states

作者: Peng, XY (Peng, Xiuyan); Zhang, B (Zhang, Biao); Rong, LH (Rong, Lihong)

来源出版物: JOURNAL OF MARINE SCIENCE AND TECHNOLOGY

卷: 24 期: 4 页: 1265-1279 DOI: 10.1007/s00773-019-00624-5 出版年: DEC 2019

**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:000497530800021

文献类型: Article

作者关键词: State estimation; Ship motion states; Outlier; Faulty sensors; Modified unscented Kalman filter

**KeyWords Plus:** MODEL

地址: [Peng, Xiuyan; Zhang, Biao; Rong, Lihong] Harbin Engn Univ, Coll Automat, Harbin 150001, Heilongjiang, Peoples R China.

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研究方向: Engineering

ISSN: 0948-4280

eISSN: 1437-8213

输出日期: 2020-01-18

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## Genetics & Heredity

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### 第 1 条

标题: Phylodynamic analysis of two amino acid substitutions in the hemagglutinin protein of canine distemper virus strains detected in fur-bearing animals in China

作者: Tao, RS (Tao, Rongshan); Ba, HX (Ba, Hengxing); Chen, J (Chen, Jie); Liu, MJ (Liu, Mengjia); Pan, HJ (Pan, Hongjun); Li, X (Li, Xue); Wang, QK (Wang, Quankai); Zhao, JJ (Zhao, Jianjun)

来源出版物: VIRUS GENES DOI: 10.1007/s11262-019-01720-9

提前访问日期: DEC 2019

**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:000501188300001

文献类型: Article; Early Access

作者关键词: Canine distemper virus; H protein; Sub-genotype; Bayesian phylogenetics; Selection pressure

**KeyWords Plus:** SWISS-PDBVIEWER; MODEL; EMERGENCE; GENE

地址: [Tao, Rongshan; Pan, Hongjun; Li, Xue; Wang, Quankai] Jilin Agr Univ, Coll Anim Sci & Technol, Changchun 130118, Jilin, Peoples R China.

[Ba, Hengxing; Chen, Jie; Liu, Mengjia; Pan, Hongjun; Li, Xue] Chinese Acad Agr Sci, Inst Special Anim & Plant Sci, Changchun 130112, Jilin, Peoples R China.

[Liu, Mengjia] Northwest A&F Univ, Coll Vet Med, Yangling 712100, Shaanxi, Peoples R China.

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

通讯作者地址: Wang, QK (通讯作者), Jilin Agr Univ, Coll Anim Sci & Technol, Changchun 130118, Jilin, Peoples R China.

Zhao, JJ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

电子邮件地址: quankaiwang1@163.com; zhaojianjun1211@163.com

研究方向: Genetics & Heredity; Virology

**ISSN:** 0920-8569

**eISSN:** 1572-994X

输出日期: 2020-01-18

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## Energy & Fuels

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### 第 1 条

标题: Exploring the impact of government subsidy and R&D investment on financial competitiveness of China's new energy listed companies: An empirical study

作者: Zhu, ZH (Zhu, Zhihong); Zhu, ZW (Zhu, Zhiwei); Xu, P (Xu, Ping); Xue, DW (Xue, Dawei)

来源出版物: ENERGY REPORTS 卷: 5 页: 919-925

**DOI:** 10.1016/j.egy.2019.07.013 出版年: NOV 2019

**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:000503724100085

文献类型: Article

作者关键词: China's new energy listed company; Government subsidies; R&D investment; Financial competitiveness

**KeyWords Plus:** DETERMINANTS; PERFORMANCE

地址: [Zhu, Zhihong; Xue, Dawei] Northeast Petr Univ, Sch Econ & Management, Daqing 163318, Peoples R China.

[Zhu, Zhihong; Zhu, Zhiwei] Univ Louisiana Lafayette, Dept Management, Lafayette,

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LA 70504 USA.

[Xu, Ping] Heilongjiang Bayi Agr Univ, Party Comm Off, Daqing 163318, Peoples R China.

通讯作者地址: Xu, P (通讯作者), Heilongjiang Bayi Agr Univ, Party Comm Off, Daqing 163318, Peoples R China.

电子邮件地址: 13904863739@126.com

研究方向: Energy & Fuels

ISSN: 2352-4847

输出日期: 2020-01-18

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## Immunology

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### 第 1 条

标题: Evaluation of the immunogenicity of an omp A and staphylococcal target of RNAIII activating fusion protein displayed on the surface of Escherichia coli

作者: Song, BF (Song, Baifen); Zhang, JX (Zhang, Jianxin); Ma, JZ (Ma, Jinzhu); Feng, ZY (Feng, Zhenyue); Yu, LQ (Yu, Liquan); Yu, YZ (Yu, Yongzhong); Cui, YD (Cui, Yudong)

来源出版物: MICROBIAL PATHOGENESIS 卷: 136

文献号: UNSP 103676 DOI: 10.1016/j.micpath.2019.103676 出版年: NOV 2019

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:000498333600034

文献类型: Article

作者关键词: Cow mastitis; Escherichia coli surface display; Immuno-protection; Staphylococcus. aureus; TRAP protein

**KeyWords Plus:** AUREUS; CELLS; TRAP; INTRAPERITONEAL; INTERNALIZATION; IMMOBILIZATION; STREPTOCOCCUS; MACROPHAGES; CELLULOSE; VACCINE

地址: [Song, Baifen; Zhang, Jianxin; Ma, Jinzhu; Feng, Zhenyue; Yu, Liquan; Yu, Yongzhong; Cui, Yudong] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

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

电子邮件地址: 1658261305@qq.com

研究方向: Immunology; Microbiology

ISSN: 0882-4010

输出日期: 2020-01-18

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## Instruments & Instrumentation

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### 第 1 条

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标题: Dispersion of Metallic Arc-discharged Single-walled Carbon Nanotubes by Two Polysilane Derivatives

作者: Gao, JL (Gao, Jinling); Lian, YF (Lian, Yongfu); Wen, C (Wen, Chao); Bi, HM (Bi, Hongmei)

来源出版物: SENSORS AND MATERIALS 卷: 31 期: 12

特刊: SI 页: 4093-4101 DOI: 10.18494/SAM.2019.2446 出版年: 2019

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:000503010900004

文献类型: Article; Proceedings Paper

会议名称: 8th International Conference on BioSensors, BioElectronics, BioMedical Devices, BioMEMS/NEMS, and Applications (Bio4Apps)

会议日期: DEC 18-21, 2019

会议地点: Harbin Inst Technol, Kagoshima, JAPAN

会议主办方: Harbin Inst Technol

作者关键词: polysilane derivatives; selective dispersion; metallic single-walled carbon nanotubes; optical absorption spectrum; Raman spectroscopy

地址: [Gao, Jinling; Wen, Chao; Bi, Hongmei] Heilongjiang Bayi Agr Univ, Coll Sci, Daqing 163319, Peoples R China.

[Lian, Yongfu] Heilongjiang Univ, Sch Chem & Mat Sci, Key Lab Funct Inorgan Mat Chem, Minist Educ, Harbin 150081, Heilongjiang, Peoples R China.

[Bi, Hongmei] Guangdong Univ Petrochem Technol, Coll Biol & Food Engr, Maoming 525000, Peoples R China.

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

Bi, HM (通讯作者), Guangdong Univ Petrochem Technol, Coll Biol & Food Engr, Maoming 525000, Peoples R China.

电子邮件地址: hongmei\_bi@126.com

研究方向: Instruments & Instrumentation; Materials Science

ISSN: 0914-4935

输出日期: 2020-01-18

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## Neurosciences & Neurology

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### 第 1 条

标题: Neuroinflammation induced by secretion of acetylated HMGB1 from activated microglia in hippocampi of mice following chronic cold exposure

作者: Xu, B (Xu, Bin); Lang, LM (Lang, Li-min); Lian, S (Lian, Shuai); Guo, JR (Guo, Jing-Ru); Wang, JF (Wang, Jian-Fa); Liu, JX (Liu, Juxiong); Yang, HM (Yang, Huan-Min); Li, SZ (Li, Shi-Ze)

来源出版物: BRAIN RESEARCH 卷: 1726

文献号: 146495 DOI: 10.1016/j.brainres.2019.146495 出版年: JAN 1 2020

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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:000503327300013

文献类型: Article

作者关键词: Cold stress; HMGB1 acetylation; Hippocampus; Neuroinflammation

**KeyWords Plus:** OXIDATIVE STRESS; KAPPA-B; PLASTICITY

地址: [Xu, Bin; Lang, Li-min; Lian, Shuai; Guo, Jing-Ru; Wang, Jian-Fa; Yang, Huan-Min; Li, Shi-Ze] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

[Liu, Juxiong] Jilin Univ, Coll Anim Sci & Vet Med, Changchun 130062, Jilin, Peoples R China.

通讯作者地址: Yang, HM; Li, SZ (通讯作者), Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Daqing 163319, Peoples R China.

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

研究方向: Neurosciences & Neurology

**ISSN:** 0006-8993

**eISSN:** 1872-6240

输出日期: 2020-01-18

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## Oncology

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### 第 1 条

标题: Shikonin-induced Apoptosis of Colon Cancer Cells Is Reduced by Peroxiredoxin V Expression

作者: Chandimali, N (Chandimali, Nisansala); Sun, HN (Sun, Hu-Nan); Kong, LZ (Kong, Ling-Zu); Zhen, X (Zhen, Xing); Liu, R (Liu, Ren); Kwon, T (Kwon, Taeho); Lee, DS (Lee, Dong-Sun)

来源出版物: ANTICANCER RESEARCH 卷: 39 期: 11 页: 6115-6123

**DOI:** 10.21873/anticancer.13819 出版年: NOV 2019

**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:000496129100031

文献类型: Article

作者关键词: Peroxiredoxin V; colon cancer; mTOR; ROS; Shikonin

**KeyWords Plus:** ROS OVERPRODUCTION; IN-VITRO; NECROPTOSIS; DERIVATIVES; PATHWAY

地址: [Chandimali, Nisansala; Kong, Ling-Zu; Zhen, Xing; Liu, Ren; Lee, Dong-Sun] Jeju Natl Univ, Interdisciplinary Grad Program Adv Convergence Te, Jeju 63243, South Korea.

[Sun, Hu-Nan] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Dept Dis Model Anim Res Ctr, Daqing, Peoples R China.

[Kwon, Taeho] KRIBB, Primate Resources Ctr, Jeongeup, South Korea.

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[Lee, Dong-Sun] Jeju Natl Univ, Subtrop Trop Organism Gene Bank, Jeju, South Korea.

[Lee, Dong-Sun] Jeju Natl Univ, Pract Translat Res Ctr, Jeju, South Korea.

通讯作者地址: Lee, DS (通讯作者), Jeju Natl Univ, Interdisciplinary Grad Program Adv Convergence Te, Jeju 63243, South Korea.

电子邮件地址: dongsunlee@jejunu.ac.kr

研究方向: Oncology

ISSN: 0250-7005

eISSN: 1791-7530

输出日期: 2020-01-18

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### Plant Sciences

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#### 第 1 条

标题: Gene Interactions Regulating Sex Determination in Cucurbits

作者: Li, DD (Li, Dandan); Sheng, YY (Sheng, Yunyan); Niu, HH (Niu, Huanhuan); Li, Z (Li, Zheng)

来源出版物: FRONTIERS IN PLANT SCIENCE 卷: 10

文献号: 1231 DOI: 10.3389/fpls.2019.01231 出版年: OCT 10 2019

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:000497660200001

文献类型: Review

作者关键词: Cucurbitaceae; sex determination; ethylene; gene interaction; transcriptional regulation

**KeyWords Plus:** CUCUMIS-SATIVUS L; ETHYLENE BIOSYNTHESIS; 1-AMINOCYCLOPROPANE-1-CARBOXYLATE SYNTHASE; FLOWER DEVELOPMENT; UNISEXUAL FLOWERS; PERFECT FLOWERS; SILVER-NITRATE; M-LOCUS; EXPRESSION; REVEALS

地址: [Li, Dandan; Sheng, Yunyan] Heilongjiang Bayi Agr Univ, Coll Hort & Landscape Architecture, Daqing, Peoples R China.

[Niu, Huanhuan; Li, Zheng] Northwest A&F Univ, Coll Hort, Yangling, Shaanxi, Peoples R China.

通讯作者地址: Li, Z (通讯作者), Northwest A&F Univ, Coll Hort, Yangling, Shaanxi, Peoples R China.

电子邮件地址: lizheng82@nwsuaf.edu.cn

研究方向: Plant Sciences

ISSN: 1664-462X

输出日期: 2020-01-18

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### Science & Technology - Other Topics

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## 第 1 条

标题: Warming and elevated CO<sub>2</sub> alter the transcriptomic response of maize (*Zea mays* L.) at the silking stage

作者: Huang, YL (Huang, Yulan); Fang, R (Fang, Rui); Li, YS (Li, Yansheng); Liu, XB (Liu, Xiaobing); Wang, GH (Wang, Guanghua); Yin, KD (Yin, Kuide); Jin, J (Jin, Jian); Herbert, SJ (Herbert, Stephen J.)

来源出版物: SCIENTIFIC REPORTS 卷: 9

文献号: 17948 DOI: 10.1038/s41598-019-54325-5 出版年: NOV 29 2019

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:000499879800001

文献类型: Article

**KeyWords Plus:** ATMOSPHERIC CARBON-DIOXIDE; TEMPERATURE; PHOTOSYNTHESIS; GROWTH; NITROGEN; CLIMATE; YIELD; CONTINUUM; IMPACTS; QUALITY

地址: [Huang, Yulan; Yin, Kuide] Heilongjiang Bayi Agr Univ, Coll Life Sci & Technol, Daqing 163319, Peoples R China.

[Fang, Rui; Li, Yansheng; Liu, Xiaobing; Wang, Guanghua; Jin, Jian] Chinese Acad Sci, Northeast Inst Geog & Agroecol, Key Lab Mollisols Agroecol, Harbin 150081, Heilongjiang, Peoples R China.

[Jin, Jian] La Trobe Univ, Ctr AgriBiosci, Melbourne Campus, Bundoora, Vic 3086, Australia.

[Herbert, Stephen J.] Univ Massachusetts, Stockbridge Sch Agr, Amherst, MA 01003 USA.

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

Jin, J (通讯作者), Chinese Acad Sci, Northeast Inst Geog & Agroecol, Key Lab Mollisols Agroecol, Harbin 150081, Heilongjiang, Peoples R China.

Jin, J (通讯作者), La Trobe Univ, Ctr AgriBiosci, Melbourne Campus, Bundoora, Vic 3086, Australia.

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研究方向: Science & Technology - Other Topics

ISSN: 2045-2322

输出日期: 2020-01-18

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## Spectroscopy

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## 第 1 条

标题: Rapid Discrimination of Japonica Rice Seeds Based on Near Infrared Spectroscopy

作者: Xie, H (Xie Huan); Chen, ZG (Chen Zheng-guang); Zhang, QH (Zhang Qing-hua)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 39 期: 10

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页: 3267-3272 DOI: 10.3964/j.issn.1000-0593(2019)10-3267-06 出版年: OCT 2019

**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:000496898700047

文献类型: Article

作者关键词: Near-infrared spectroscopy; Japonica rice seeds; Wavelet transform; BP neural network; Varieties discrimination

地址: [Xie Huan; Chen Zheng-guang] Heilongjiang Bayi Agr Univ, Coll Elect & Informat, Daqing 163319, Peoples R China.

[Zhang Qing-hua] Daqing Technician Coll, Dept Comp Engr, Daqing 163254, Peoples R China.

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

电子邮件地址: byxh1010@sina.cm; ruzee@sina.com

研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2020-01-18

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### Thermodynamics

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#### 第 1 条

标题: Rotary ultrasonic machining of SiCp/Al composites: An experimental study on cutting force and machinability

作者: Wang, M (Wang, Ming); Zheng, W (Zheng, Wei); Zhou, M (Zhou, Ming); Zhang, Q (Zhang, Qun)

来源出版物: ADVANCES IN MECHANICAL ENGINEERING 卷: 11 期: 12

文献号: 1687814019898329 DOI: 10.1177/1687814019898329 出版年: DEC 2019

**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:000504692100001

文献类型: Article

作者关键词: SiCp; Al composites; rotary ultrasonic machining; cutting force; machinability; face machining; flank machining

**KeyWords Plus:** VIBRATION; REMOVAL; MATRIX; MODEL

地址: [Wang, Ming] Heilongjiang Bayi Agr Univ, Sch Engr, Daqing 163319, Peoples R China.

[Wang, Ming; Zhou, Ming] Harbin Inst Technol, Sch Mech & Elect Engr, Harbin, Heilongjiang, Peoples R China.

[Zheng, Wei; Zhang, Qun] Beijing Inst Astronaut Syst Engr, Beijing 100076, Peoples R China.

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



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Zheng, W (通讯作者), Beijing Inst Astronaut Syst Engr, Beijing 100076, Peoples R  
China.

电子邮件地址: hwangming1977@126.com; zhengwhit@gmail.com

研究方向: Thermodynamics; Engineering

**ISSN:** 1687-8132

**eISSN:** 1687-8140

输出日期: 2020-01-18

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# EI 收录情况

(2019. 11. 23–2020. 01. 18)

EI 索引库共收录我校教师发表的 25 篇文献，文献详细题录信息如下。

---

## 1. Therapeutic Potential of Trp-Rich Engineered Amphiphiles by Single Hydrophobic Amino Acid End-Tagging

Song, Jing (Institute of Animal Nutrition, Northeast Agricultural University, Harbin; Heilongjiang; 150030, China); Wang, Jiajun; Zhan, Na; Sun, Taotao; Yu, Weikang; Zhang, Licong; Shan, Anshan; Zhang, Aizhong **Source:** *ACS Applied Materials and Interfaces*, 2019 Article in Press

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

---

## 2. Effect of Natural Fermentation on Molecular Structure and Retrogradation Properties of Sorghum Starch ( )

Ge, Yunfei (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Kang, Ziyue; Shen, Meng; Wang, Juan; Quan, Zhigang; Xiao, Jinling; Wang, Weihao; Cao, Longkui **Source:** *Shipin Kexue/Food Science*, v 40, n 18, p 35-40, September 25, 2019 **Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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## 3. Geographical origin traceability of rice: A study on the effect of processing precision on index elements

Qian, Lili (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Zuo, Feng; Zhang, Caidong; Zhang, Dongjie **Source:** *Food Science and Technology Research*, v 25, n 5, p 619-624, 2019 **Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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## 4. Process optimization and physicochemical properties of fish oil microcapsules prepared by jet cavitation ( )

Jiang, Lianzhou (College of Food Science, Northeast Agricultural University, Harbin; 150030, China); Wang, Zhaoyun; Wang, Zhongjiang; Zhang, Xinxin; Guo, Zengwang; Zuo, Feng; Liu, Jun **Source:** *Nongye Gongcheng Xuebao/ Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 15, p 312-320, August 1, 2019 **Language:** Chinese

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**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **5. Effect of Extrusion Stabilization of Wheat Bran and Embryo on the Properties of Whole Wheat Noodles ()**

Liu, Yanxiang (College of Engineering, Northeast Agricultural University, Harbin; 150030, China); Wang, Liping; Tan, Bin; Gao, Kun; Qiao, Congcong; Tian, Xiaohong; Sun, Yong; Zheng, Xianzhe; Liu, Ming; Wu, Nana; Zhai, Xiaotong; Liu, Jinming **Source:** *Shipin Kexue/Food Science*, v 40, n 19, p 156-163, October 15, 2019 **Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

---

### **6. Fabrication and characterization of a novel corn straw/modified ammonium lignosulfonate bio-composite strengthened by polyethylenimine pretreatment([Open Access](#))**

Li, Sidan (Key Lab of Bio-based Material Science and Technology, Ministry of Education, Material Science and Engineering College, Northeast Forestry University, Harbin; 150040, China); Yuan, Yuan; Wang, Jinman; Guo, Minghui **Source:** *RSC Advances*, v 9, n 60, p 34754-34760, 2019

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **7. Effect of feed concentration on continuous stirred anaerobic fermentation characteristics with mixed corn straw and cow manures ()**

Feng, Jing (Key Laboratory of Energy Resource Utilization from Agriculture Residue, Chinese Academy of Agricultural Engineering, Beijing; 100125, China); Zhao, Lanlan; Zhao, Lixin; Yao, Zonglu; Yu, Jiadong; Luo, Juan; Chen, Jiankun **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 14, p 221-227, July 15, 2019 **Language:** Chinese

Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **8. Effects of strip-collected chopping and mechanical deep-buried return of straw on physical properties of soil ()**

Wang, Qiuju (Institute of Soil Fertilizer and Environment Resources, Heilongjiang Academy of Agricultural Sciences, Harbin; 150086, China); Liu, Feng; Jiao, Feng; Chang, Benchao; Jiang, Hui; Gong, Xiujie **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 17, p 43-49, September 1, 2019 **Language:** Chinese

---

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

---

### **9. Isolation and characterization of zinc-binding peptides from mung bean protein hydrolysates**

Fu, Tianxin (College of Food, Heilongjiang Bayi Agricultural University, Xinfeng Lu 5, Daqing; 163319, China); Zhang, Shu; Sheng, Yanan; Feng, Yuchao; Jiang, Yingjun; Zhang, Yiwei; Yu, Miao; Wang, Changyuan **Source:** *European Food Research and Technology*, 2019 Article in Press

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **10. Impact of different mechanical soil preparation methods on physical and chemical properties of soil in low-lying paddy fields and rice yield ( )**

Wang, Qiuju (Institute of Soil Fertilizer and Environment Resources, Heilongjiang Academy of Agricultural Sciences, Harbin; 150086, China); Jiao, Feng; Han, Donglai; Sui, Yugang; Yang, Xingyu; Wang, Xuedong; Ding, Dehui;

Hao, Mingjun; Liu, Feng **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 18, p 70-77, September 15, 2019 **Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **11. Upgrading biomass pyrolysis gas from corn stalk by charcoal catalytic reforming ( )**

Wang, Jingru (Chinese Academy of Agricultural Engineering, Key Laboratory of Energy Resource Utilization from Agriculture Residue, Ministry of Agriculture and Rural Affairs, Beijing; 100125, China); Yao, Zonglu; Cong, Hongbin; Zhao, Lixin; Ma, Teng; Huo, Lili; Yuan, Yanwen **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 16, p 258-264, August 15, 2019 **Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **12. Effect of straw returning and nitrogen fertilizer regulation on nitrogen and rice yield in albic soil with different fertilities ( )**

Wang, Qiuju (Institute of Soil Fertilizer and Environment Resources, Heilongjiang Academy of Agricultural Sciences, Harbin; 150086, China); Liu, Feng; Chi, Fengqin; Jiao, Feng; Zhang,

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Chunfeng; Jiang, Hui; Li, Pengfei; Zhu, Baoguo **Source:** *Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering*, v 35, n 14, p 105-111, July 15, 2019 **Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **13. Effects of Processing Methods on Structure and Functional Properties of Mung Bean Protein ()**

Zhang, Shu (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Wang, Changyuan; Sheng, Yanan; Feng, Yuchao; Fu, Tianxin; Li, Xue

**Source:** *Shipin Kexue/Food Science*, v 40, n 19, p 113-119, October 15, 2019

**Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

---

### **14. Rapid Discrimination of Japonica Rice Seeds Based on Near Infrared Spectroscopy ()**

Xie, Huan (College of Electrical and Information, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Chen, Zheng-Guang; Zhang, Qing-Hua **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, v 39, n 10, p 3267-3272, October 1, 2019

**Language:** Chinese

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **15. Energy consumption assessment of athlete physical training based on Bayesian model of normal distribution model**

Liu, Dongbing (Military Sports Ministry, Heilongjiang Bayi Agricultural University, Daqing, China)

**Source:** *International Journal of Electrical Engineering Education*, 2019 Article in Press

**Database:** Compendex

Compilation and indexing terms, Copyright 2019 Elsevier Inc.

**Data Provider:** Engineering Village

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### **16. Cytisine exerts anti-tumour effects on lung cancer cells by modulating reactive oxygen species-mediated signalling pathways** **(Open Access)**

Xu, Wan-Ting (Department of Biochemistry and Molecular Biology, College of Life Science and Technology, Heilongjiang Bayi Agricultural University, Daqing, China); Li, Tian-Zhu; Li, Shu-Mei; Wang, Cheng; Wang, Hao; Luo, Ying-Hua; Piao, Xian-Ji; Wang, Jia-Ru; Zhang, Yu; Zhang, Tong; Xue, Hui; Cao, Long-Kui; Jin, Cheng-Hao **Source:**

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*Artificial Cells, Nanomedicine and Biotechnology*, v 48, n 1, p 84-95, January 1, 2020

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### **17. Isolation and characterization of Burkholderia cenocepacia CR318, a phosphate solubilizing bacterium promoting corn growth**

You, Man (London Research and Development Centre, Agriculture & Agri-Food Canada, 1391 Sandford Street, London; ON; N5V 4T3, Canada); Fang, Shumei; MacDonald, Jacqueline; Xu, Jianping; Yuan, Ze-Chun **Source:** *Microbiological Research*, v 233, March 2020

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### **18. Dimensional stability improvement of corn stalk biocomposites using two-part lignin-derived binder optimized with response surface methodology**

Yuan, Yuan (Heilongjiang Provincial Key Laboratory of Environmental Microbiology and Recycling of Argo-Waste in Cold Region, College of Life Science and Technology, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Li, Sidan; Jiao, Feng; Shen, Guinan; Yan, Lei; Wang, Weidong **Source:** *BioResources*, v 14, n 3, p 5923-5942, August 1, 2019

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### **19. Integration of micro-fractionation, high-performance liquid chromatography-ultraviolet detector-charged aerosol detector-mass spectrometry analysis and cellular dynamic mass redistribution assay to accelerate alkaloid drug discovery**

Wang, Rong (Key Lab of Separation Science for Analytical Chemistry, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian; 116023, China); Liu, Yanfang; Zhou, Han; Chen, Yue; Wang, Jixia; Zhang, Xiuli; Yu, Ruitao; Liang, Xinmiao **Source:** *Journal of Chromatography A*, 2019 Article in Press

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### **20. Rapid Determination of C/N Ratio for Anaerobic Fermentation Feedstocks Using Near Infrared Spectroscopy Based on GSA (GSANIRS)**

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Liu, Jinming (College of Engineering, Northeast Agricultural University, Harbin; 150030, China); Cheng, Qiushuang; Zhen, Feng; Xu, Yonghua; Li, Wenzhe; Sun, Yong **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 50, n 11, p 323-330, November 25, 2019 **Language:** Chinese

**Database:** Compendex

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## **21. Dispersion of metallic arc-discharged single-walled carbon nanotubes by two polysilane derivatives (Open Access)**

Gao, Jinling (College of Science, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Lian, Yongfu; Wen, Chao; Bi, Hongmei **Source:** *Sensors and Materials*, v 31, n 12, p 4093-4101, 2019

**Database:** Compendex

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## **22. Design and Experiment on Autonomous Transferring and Quick Measuring Equipment of Moisture Content of Coarse Cereals ()**

Che, Gang (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China); Chen, Zhengfa; Wang, Xin; Tang, Hongyu; Wan, Lin **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 50, n 11, p 357-366, November 25, 2019 **Language:** Chinese

**Database:** Compendex

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## **23. Evaluation of biochemical and antioxidant dynamics during the co-fermentation of dehusked barley with *Rhizopus oryzae* and *Lactobacillus plantarum***

Wang, Kun (College of Food Science, Heilongjiang Bayi Agricultural University, Daqing, China); Niu, Mengmeng; Song, Dawei; Liu, Yang; Wu, Yue; Zhao, Jing; Li, Shize; Lu, Baoxin **Source:** *Journal of Food Biochemistry*, 2019 Article in Press

**Database:** Compendex

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## **24. Market fluctuation and agricultural insurance forecasting model based on machine learning algorithm of parameter optimization**

Wei, Cheng (School of Economics and Management, Northeast Agricultural University, Harbin, Heilongjiang province, China); Dan, Li **Source:** *Journal of Intelligent and Fuzzy Systems*, v 37, n 5, p 6217-6228, 2019

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## **25. Design and Test of Rice Hill-drop Seed Metering Device Embedded with Rotating Air Cavity ()**

Wan, Lin (College of Engineering, Heilongjiang Bayi Agricultural University, Daqing; 163319, China);

Wang, Hongchao; Che, Gang **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society for Agricultural Machinery*, v 50, n 11, p 74-84, November 25, 2019 **Language:** Chinese

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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（2009.01-2020.01），获取了各个学科的论文篇数、总被引频次、篇均被引频次等数据，经阈值分析，给出我校各学科在国际一流学科领域的发展态势。

登陆 InCites 平台，获取了我校各学科的阈值和 22 个国际一流学科的阈值情况<sup>②</sup>，具体详见表 1、表 2。通过比较分析，我校 **Plant & Animal Science** 学科阈值为 1155、国际一流学科阈值为 3012，学科潜力值<sup>③</sup>为 **38.35%**，与上期同比，上升了 **2.37%**；我校 **Agricultural Sciences** 学科阈值为 849，国际一流学科阈值为 2431，学科潜力值为 **34.92%**，与上期同比，上升了 **1.46%**。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 16 个学科处于上升趋势，有 1 个学科处于不变趋势，有 2 个学科处于下降趋势，其中 **Plant & Animal Science** 上升幅度最大。

<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	255	0.88	1155	74.90
Microbiology	2	106	0.51	997	86.79
Biology & Biochemistry	3	98	0.74	912	82.65
Agricultural Sciences	4	177	0.80	849	61.02
Immunology	5	55	0.74	763	87.27
Molecular Biology & Genetics	6	96	0.44	697	81.25
Chemistry	7	106	0.61	662	71.70
Clinical Medicine	8	40	0.90	301	77.50
Pharmacology & Toxicology	9	33	1.00	214	84.85
Engineering	10	33	0.70	176	69.70
Neuroscience & Behavior	11	15	1.67	152	73.33
Environment/Ecology	12	26	0.86	132	69.23
Computer Science	13	15	0.91	118	80.00
Materials Science	14	22	0.30	111	68.18
Physics	15	37	0.26	66	54.05
Mathematics	16	17	0.69	40	64.71
Multidisciplinary	17	3	0.29	22	66.67
Geosciences	18	6	0.73	19	83.33
Social Sciences, general	19	3	0.17	2	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	507	2431	1330	1404
Biology & Biochemistry	1025	6747	315	1151
Chemistry	2087	8442	1497	2149
Clinical Medicine	2341	3329	2894	15086
Computer Science	445	3837	1549	461
Economics& Business	441	4683	1363	293
Engineering	713	2738	2973	1726
Environment/Ecology	898	4437	2137	3033
Geosciences	1341	6680	2310	1560
Immunology	1004	5327	431	2654
Materials Science	1908	6742	3144	1489
Mathematics	360	4726	847	510
Microbiology	747	5729	329	1539
Molecular Biology & Genetics	2707	14716	365	2464
Multidisciplinary	530	2764	32	233
Neuroscience & Behavior	1372	6904	1566	776
Pharmacology & Toxicology	593	3637	5039	1072
Physics	13265	21021	1985	2751
Plant & Animal Science	691	3012	1991	2272
Psychiatry/Psychology	821	4296	1739	443
Social Sciences, general	421	1570	1031	1644
Space Science	6117	40428	1656	919

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	1155	3012	35.98	38.35	↑
Microbiology	2	997	5729	16.90	17.4	↑
Biology & Biochemistry	3	912	6747	12.84	13.52	↑
Agricultural Sciences	4	849	2431	33.46	34.92	↑
Immunology	5	763	5327	13.97	14.32	↑
Molecular Biology & Genetics	6	697	14716	4.52	4.74	↑
Chemistry	7	662	8442	7.45	7.84	↑
Clinical Medicine	8	301	3329	10.07	9.04	↓
Pharmacology & Toxicology	9	214	3637	5.47	5.88	↑
Engineering	10	176	2738	6.27	6.43	↑
Neuroscience & Behavior	11	152	6904	1.95	2.20	↑
Environment/Ecology	12	132	4437	2.72	2.97	↑
Computer Science	13	118	3837	3.07	3.08	↑
Materials Science	14	111	6742	1.62	1.65	↑
Physics	15	66	21021	0.29	0.31	↑
Mathematics	16	40	4726	0.87	0.85	↓
Multidisciplinary	17	22	2764	0.71	0.80	↑
Geosciences	18	19	6680	0.21	0.28	↑
Social Sciences, general	19	2	1570	0.13	0.13	→

表3 我校学科阈值和国际一流学科阈值比较及趋势分析



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