

收錄引用月報

SCI·EI·ESI INDEX DATABASE

Aug.~ Sept. 2022 No.23

黑龍江八一農墾大學

圖書館 咨詢服務部

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（2022.07.14-2022.09.07）

附件 2、EI 收录情况（2022.07.14-2022.09.07）

附件 3、ESI 学科分析简报

SCI 收录情况

(2022. 07. 14-2022. 09. 07)

SCI 索引库共收录我校教师发表的 77 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 77 篇文献详细题录信息。

RESEARCH FIELDS	研究领域	篇数
Agriculture	农业	15
Plant Sciences	植物科学	7
Biochemistry & Molecular Biology	生物化学与分子生物学	6
Computer Science	计算机科学	4
Spectroscopy	光谱学	4
Engineering	工程学	3
Food Science & Technology	食品科学与技术	3
Immunology	免疫学	3
Nutrition & Dietetics	营养和饮食学	3
Veterinary Sciences	兽医学	3
Virology	病毒学	3
Cell Biology	细胞学	2
Chemistry	化学	2
Life Sciences & Biomedicine - Other Topics	生命科学与生物医学-其他主题	2
Microbiology	微生物学	2
Science & Technology - Other Topics	科技与技术-其他主题	2
Entomology	昆虫学	1
Fisheries	渔业	1
Infectious Diseases	传染病学	1
Materials Science	材料科学	1
Mathematical & Computational Biology	数学与计算生物学	1
Mathematics	数学	1
Neurosciences & Neurology	神经科学与神经病学	1

Optics	光学	1
Parasitology	寄生物学	1
Pharmacology & Pharmacy	药理学与药学	1
Public	公共学	1
Thermodynamics	热力学	1
Zoology	动物学	1

表 1 我校 29 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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第 1 条

标题: Dynamic description of temporal changes of gut microbiota in broilers

作者: Li, MH (Li, Ming -Han); Meng, JX (Meng, Jin-Xin); Wang, W (Wang, Wei); He, M (He, Ma); Zhao, ZY (Zhao, Zi-Yu); Ma, N (Ma, Ning); Lv, QB (Lv, Qing-Bo); Qin, YF (Qin, Yi-Feng); Zhao, Q (Zhao, Quan); Ni, HB (Ni, Hong -Bo); Zhang, XX (Zhang, Xiao-Xuan)

来源出版物: POULTRY SCIENCE 卷: 101 期: 9 文献号: 102037

DOI: 10.1016/j.psj.2022.102037 出版年: SEP 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000834658900005

文献类型: Article

作者关键词: broiler; 16S rRNA gene sequencing; ITS gene sequencing; gut microbiota

KeyWords Plus: COMMUNITY; FUNGI; MICE

地址: [Li, Ming -Han; Meng, Jin-Xin; Wang, Wei; He, Ma; Zhao, Zi-Yu; Ma, Ning; Lv, Qing-Bo; Qin, Yi-Feng; Ni, Hong -Bo; Zhang, Xiao-Xuan] Qingdao Agr Univ, Coll Vet Med, Qingdao 266109, Shandong Provin, Peoples R China.

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研究方向: Agriculture

ISSN: 0032-5791

eISSN: 1525-3171

输出日期: 2022-09-07

第 2 条

标题: Silencing P25, HC-Pro and Brp1 of Potato Virus (Viroid) Using Artificial microRNA Confers Resistance to PVX, PVY and PSTVd in Transgenic Potato

作者: Jiang, LL (Jiang, Lili); Mu, R (Mu, Rui); Wang, ZQ (Wang, Ziquan); Liu, SW (Liu, Shangwu); Lu, DQ (Lu, Dianqiu)

来源出版物: POTATO RESEARCH DOI: 10.1007/s11540-022-09580-x

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000842190600001

文献类型: Article; Early Access

作者关键词: Artificial microRNAs; Multiple virus resistances; Potato virus; Transgenic plants

KeyWords Plus: HIGHLY EFFICIENT; HOST PROTEIN; RNA; EXPRESSION; INFECTION; SPREAD; WHEAT

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研究方向: Agriculture

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eISSN: 1871-4528

输出日期: 2022-09-07

第 3 条

标题: Exogenous 6-benzyladenine treatment alleviates cold stress in early japonica rice at booting in Northeast China

作者: Wang, SQ (Wang, Shiqiang); Yang, SW (Yang, Shanwei); He, DM (He, Dengmei); Yi, YZ (Yi, Yuzhuo); Fu, YM (Fu, Yongming); Yin, DW (Yin, Dawei); Zhao, HH (Zhao, Haihong); Xiao, CL (Xiao, Changliang)

来源出版物: AGRONOMY JOURNAL DOI: 10.1002/agj2.21137

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000835816900001

文献类型: Article; Early Access

KeyWords Plus: TEMPERATURE; PREVENTION; SENESCENCE; GROWTH; STAGE; YIELD; L.

地址: [Wang, Shiqiang; Yang, Shanwei; He, Dengmei; Yi, Yuzhuo; Yin, Dawei] Heilongjiang Bayi Agr Univ, Coll Agr Sci & Technol, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Agriculture

ISSN: 0002-1962

eISSN: 1435-0645

输出日期: 2022-09-07

第 4 条

标题: Effect of soy protein isolate on physical properties of quinoa dough and gluten-free bread quality characteristics

作者: Bian, X (Bian, Xin); Xing, TL (Xing, Tong-Lin); Yang, Y (Yang, Yang); Fan, J (Fan, Jing); Ma, CM (Ma, Chun-Min); Liu, XF (Liu, Xiao-Fei); Wang, Y (Wang, Yan); He, YY (He, Yin-Yuan); Wang, LD (Wang, Li-Dong); Wang, B (Wang, Bing); Zhang, N (Zhang, Na)

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

DOI: 10.1002/jsfa.12118 提前访问日期: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000832603200001

文献类型: Article; Early Access

作者关键词: soy protein isolate; quinoa flour; gluten-free bread; quality characteristics

KeyWords Plus: RHEOLOGICAL PROPERTIES; CELIAC-DISEASE; RICE DOUGH; EGG-WHITE; FLOUR; IMPACT; WILLD.; TRANSGLUTAMINASE; MANIFESTATIONS; ANTIOXIDANT

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

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输出日期: 2022-09-07

第 5 条

标题: The effect of *Alternaria* leaf spot on the antioxidant system of cucumber seedlings
作者: Sa, RN (Sa, Rina); Tao, L (Tao, Lei); Zhang, XZ (Zhang, Xingzhe); Liu, D (Liu, Dong); Chen, LX (Chen, Lixin); Wang, J (Wang, Juan); Liu, LS (Liu, Linshuai); Xu, CM (Xu, Chunmei); Zhang, YJ (Zhang, Yanju)

来源出版物 EUROPEAN JOURNAL OF PLANT PATHOLOGY 卷 164 期 1 页: 125-138

DOI: 10.1007/s10658-022-02545-3 提前访问日期 JUL 2022 出版年 SEP 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000832612500001

文献类型: Article

作者关键词: Cucumber; *Alternaria* leaf spot; Chlorophyll; Malondialdehyde; Antioxidant system

KeyWords Plus: LIPID-PEROXIDATION; ASCORBATE; STRESS; GLUTATHIONE; ACID; PHOTOSYNTHESIS; TOMATO; ACCLIMATION; INHIBITION; INVERTASE

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研究方向: Agriculture; Plant Sciences

ISSN: 0929-1873

eISSN: 1573-8469

输出日期: 2022-09-07

第 6 条

标题: Effects of Continuous Ridge Tillage at Two Fertilizer Depths on Microbial Community Structure and Rice Yield

作者: Liu, LH (Liu, Lihua); Cui, SZ (Cui, Shize); Qin, M (Qin, Meng); Chen, LQ (Chen, Liqiang); Yin, DW (Yin, Dawei); Guo, XH (Guo, Xiaohong); Li, HY (Li, Hongyu); Zheng, GP (Zheng, Guiping)

来源出版物 AGRICULTURE-BASEL 卷 12 期 7 文献号: 923 DOI: 10.3390/agriculture12070923

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000833116400001

文献类型: Article

作者关键词: rice; soil; continuous ridge tillage; fertilizer depth; bacteria; fungi; yield

KeyWords Plus: SOIL; DIVERSITY; CROP

地址: [Liu, Lihua; Cui, Shize; Qin, Meng; Chen, Liqiang; Yin, Dawei; Guo, Xiaohong; Li, Hongyu; Zheng, Guiping] Heilongjiang Bayi Agr Univ, Coll Agr, Heilongjiang Prov Key Lab Modern Agr Cultivat & C, Daqing 163319, Peoples R China.

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研究方向: Agriculture

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输出日期: 2022-09-07

第 7 条

标题: Machine Learning Identification of Saline-Alkali-Tolerant Japonica Rice Varieties Based on Raman Spectroscopy and Python Visual Analysis

作者: Liu, R (Liu, Rui); Tan, F (Tan, Feng); Wang, YX (Wang, Yaxuan); Ma, B (Ma, Bo); Yuan, M (Yuan, Ming); Wang, LX (Wang, Lianxia); Zhao, X (Zhao, Xin)

来源出版物: AGRICULTURE-BASEL 卷: 12 期: 7 文献号: 1048

DOI: 10.3390/agriculture12071048 出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000831713900001

文献类型: Article

作者关键词: japonica rice; saline-alkali-tolerant; Raman spectroscopy; Python visual; RFE; typical nonlinear; SVM

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研究方向: Agriculture

eISSN: 2077-0472

输出日期: 2022-09-07

第 8 条

标题: Yield and Resource Utilization Efficiency Gap in Early Maturing Japonica Rice Cultivars under Different Management Strategies-A Different Location Investigation

作者: Lv, YD (Lv, Yandong); Hu, Y (Hu, Yue); Sun, FJ (Sun, Fujing); Huo, WY (Huo, Wanyue); Li, HY (Li, Hongyu); Liu, LH (Liu, Lihua); Yin, DW (Yin, Dawei); Zheng, GP (Zheng, Guiping); Guo, XH (Guo, Xiaohong)

来源出版物: AGRICULTURE-BASEL 卷: 12 期: 7 文献号: 1010

DOI: 10.3390/agriculture12071010 出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000831935900001

文献类型: Article

作者关键词: rice; yield gap; water-use efficiency; radiation-use efficiency; heat-use efficiency

KeyWords Plus: NITROGEN USE EFFICIENCY; GRAIN-YIELD; CROP MANAGEMENT; SOLAR-RADIATION; GROWTH DURATION; FOOD SECURITY; WINTER-WHEAT; HYBRID RICE; CHINA; CLIMATE

地址: [Lv, Yandong; Huo, Wanyue; Li, Hongyu; Liu, Lihua; Yin, Dawei; Zheng, Guiping; Guo, Xiaohong] Heilongjiang Bayi Agr Univ, Coll Agr, Daqing 163319, Peoples R China.

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研究方向: Agriculture

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第 9 条

标题: Identification of candidate genes related to soluble sugar contents in soybean

seeds using multiple genetic analyses

作者: Pan, WJ (Pan Wen-jing); Han, X (Han Xue); Huang, SY (Huang Shi-yu); Yu, JY (Yu Jing-yao); Zhao, Y (Zhao Ying); Qu, KX (Qu Ke-xin); Zhang, ZX (Zhang Ze-xin); Yin, ZG (Yin Zhen-gong); Qi, HD (Qi Hui-dong); Yu, GL (Yu Guo-long); Zhang, Y (Zhang Yong); Xin, DW (Xin Da-wei); Zhu, RS (Zhu Rong-sheng); Liu, CY (Liu Chun-yan); Wu, XX (Wu Xiao-xia); Jiang, HW (Jiang Hong-wei); Hu, ZB (Hu Zhen-bang); Zuo, YH (Zuo Yu-hu); Chen, QS (Chen Qing-shan); Qi, ZM (Qi Zhao-ming)

来源出版物: JOURNAL OF INTEGRATIVE AGRICULTURE 卷: 21 期: 7
页: 1886-1902 DOI: 10.1016/S2095-3119(21)63653-5 出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000822695400003

文献类型: Article

作者关键词: soybean soluble sugar contents; consensus QTL;
meta-overview-collinearity integrated analysis; population validation; RNA-seq and
candidate gene mining

KeyWords Plus: QUANTITATIVE TRAIT LOCI; SUBSTITUTION LINES; QTL;
METAANALYSIS; COLLINEARITY; OLIGOSACCHARIDES; RESISTANCE;
PROTEIN; SEQUENCE; SYNTENY

地址: [Pan Wen-jing; Huang Shi-yu; Yu Jing-yao; Zhao Ying; Qu Ke-xin; Zhang
Ze-xin; Yin Zhen-gong; Qi Hui-dong; Yu Guo-long; Xin Da-wei; Zhu Rong-sheng; Liu
Chun-yan; Wu Xiao-xia; Jiang Hong-wei; Hu Zhen-bang; Chen Qing-shan; Qi
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研究方向: Agriculture

ISSN: 2095-3119

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第 10 条

标题: A Fourier Transform-Based Calculation Method of Wilting Index for Soybean
Canopy Using Multispectral Image

作者: Shen, PP (Shen, Panpan); Ma, XD (Ma, Xiaodan); Guan, HO (Guan, Haiou);
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Chen)

来源出版物: AGRONOMY-BASEL 卷: 12 期: 7 文献号: 1650

DOI: 10.3390/agronomy12071650 出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000832238400001

文献类型: Article

作者关键词: soybean canopy; multispectral imaging; Fourier transform; wilting index; computational model

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研究方向: Agriculture; Plant Sciences

eISSN: 2073-4395

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第 11 条

标题: Role of diacylglycerol O-acyltransferase (DGAT) isoforms in bovine hepatic fatty acid metabolism

作者: Yang, W (Yang, Wei); Wang, S (Wang, Shuang); Looor, JJ (Looor, Juan J.); Lopes, MG (Lopes, Matheus G.); Zhao, YY (Zhao, Yingying); Ma, XR (Ma, Xinru); Li, M (Li, Ming); Zhang, BB (Zhang, Bingbing); Xu, C (Xu, Chuang)

来源出版物: JOURNAL OF DAIRY SCIENCE 卷: 105 期: 4 页: 3588-3600

DOI: 10.3168/jds.2021-21140 出版年: APR 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:000821073000016

文献类型: Article

作者关键词: dairy cow; fatty liver; lactation; metabolism

KeyWords Plus: LOW-DENSITY LIPOPROTEIN; ENDOPLASMIC-RETICULUM STRESS; LIPID ABSORPTION; CALF HEPATOCYTES; GENE-EXPRESSION; PLASMA-LIPIDS; DRY PERIOD; LIVER; OXIDATION; TRIACYLGLYCEROL

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研究方向: Agriculture; Food Science & Technology

ISSN: 0022-0302

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输出日期: 2022-09-07

第 12 条

标题: Role of ORAI calcium release-activated calcium modulator 1 (ORAI1) on neutrophil extracellular trap formation in dairy cows with subclinical hypocalcemia

作者: Zhang, BB (Zhang, Bingbing); Ma, XR (Ma, Xinru); Loor, JJ (Loor, Juan J.); Jiang, QM (Jiang, Qianming); Guo, H (Guo, Han); Zhang, W (Zhang, Wei); Li, M (Li, Ming); Lv, XQ (Lv, Xinquan); Yin, YF (Yin, Yufeng); Wen, JA (Wen, Jianan); Wang, JJ (Wang, Jingjing); Xu, C (Xu, Chuang); Yang, W (Yang, Wei)

来源出版物: JOURNAL OF DAIRY SCIENCE 卷: 105 期: 4 页: 3394-3404

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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:000821073000001

文献类型: Article

作者关键词: dairy cattle; hypocalcemia; neutrophils; NET formation

KeyWords Plus: MILK FEVER; ELASTASE

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研究方向: Agriculture; Food Science & Technology

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第 13 条

标题: PARAMETER OPTIMIZATION OF WHOLE-STRAW RETURNING DEVICE BASED ON THE BP NEURAL NETWORK

作者: Dong, ZG (Dong, Zhigui); Song, QF (Song, Qingfeng); Zhang, W (Zhang, Wei)

来源出版物: ENGENHARIA AGRICOLA 卷: 42 期: 4 文献号: e20210208

DOI: 10.1590/1809-4430-Eng.Agric.v42n4e20210208/2022 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:000841766000001

文献类型: Article

作者关键词: agricultural mechanization; BP neural network; whole-straw; returning device; parameter optimization

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研究方向: Agriculture

ISSN: 0100-6916

eISSN: 1809-4430

输出日期: 2022-09-07

第 14 条

标题: DYNAMIC POTATO IDENTIFICATION AND CLEANING METHOD BASED ON RGB-D

作者: Fu, XM (Fu, Xiaoming); Meng, ZJ (Meng, Zhijun); Wang, ZD (Wang, Zedong); Yin, XH (Yin, Xiaohui); Wang, C (Wang, Chang)

来源出版物: ENGENHARIA AGRICOLA 卷: 42 期: 3 文献号: e20220010

DOI: 10.1590/1809-4430-Eng.Agric.v42n3e20220010/2022 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:000824581400001

文献类型: Article

作者关键词: potato; dynamic identification; cleaning method; RGB-D; Mask R-CNN

KeyWords Plus: DISCRIMINATION; CLOUDS; SPEED

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研究方向: Agriculture
ISSN: 0100-6916
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第 15 条

标题: Effects of probiotic administration on the digestibility characteristics and growth performance of finishing beef cattle fed a total mixed ration containing different levels of corn stover

作者: Wu, QY (Wu, Qingyu); Cao, MY (Cao, Manyu); Xie, HD (Xie, Huade); Huang, QL (Huang, Qiulian); Zhou, X (Zhou, Xin); Guo, J (Guo, Jun); Sun, Y (Sun, Yun); Yang, JJ (Yang, Jingjing); Lei, D (Lei, De); Zhang, AZ (Zhang, Aizhong); Zuo, F (Zuo, Feng); Cao, Y (Cao, Yang)

来源出版物: ANIMAL SCIENCE JOURNAL 卷: 93 期: 1 文献号: e13751

DOI: 10.1111/asj.13751 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:000824086200001

文献类型: Article

作者关键词: corn stover; digestibility characteristics; finishing beef cattle; growth performance; probiotics

KeyWords Plus: LACTIC-ACID BACTERIA; DAIRY-COWS; ENERGY-UTILIZATION; RUMINAL DIGESTION; MILK COMPONENTS; NUTRITIVE-VALUE; RUMEN; FERMENTATION; CONCENTRATE; SILAGE

地址: [Wu, Qingyu; Huang, Qiulian; Zhou, Xin; Sun, Yun; Yang, Jingjing; Zhang, Aizhong; Cao, Yang] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Heilongjiang Prov Key Lab Efficient Utilizat Feed, Daqing, Peoples R China.

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研究方向: Agriculture

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Plant Sciences

第 1 条

标题: RNA interference (RNAi) of 2-Cys Prx gene enhances PSII photoinhibition but does not affect PSI activity in tobacco leaves under high-temperature stress

作者: Yu, H (Yu, Han); Huang, YY (Huang, Yuanyuan); Wang, P (Wang, Peng); Wang, LT (Wang, Litao); Zhou, ZH (Zhou, Zhihao); Wang, Y (Wang, Yue); Wang, JC (Wang, Jiechen); Zhang, HB (Zhang, Hongbo); Yang, KJ (Yang, Kejun); Zhang, HH (Zhang, Huihui)

来源出版物: JOURNAL OF PLANT INTERACTIONS 卷: 17 期: 1 页: 873-883

DOI: 10.1080/17429145.2022.2110291 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

入藏号: WOS:000839937400001

文献类型: Article

作者关键词: 2-Cys Prx; RNA interference; tobacco; chlorophyll fluorescence; reactive oxygen species

KeyWords Plus: HEAT-STRESS; PROTEOMIC ANALYSIS; PHOTOSYSTEM-II; PHOTOSYNTHETIC APPARATUS; RESPONSIVE PROTEINS; OXIDATIVE STRESS; PEROXIREDOXIN; ARABIDOPSIS; TOLERANCE; SALT

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研究方向: Plant Sciences; Environmental Sciences & Ecology

ISSN: 1742-9145

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第 2 条

标题: Wood vinegar alleviates photosynthetic inhibition and oxidative damage caused by *Pseudomonas syringae* pv. *tabaci* (Pst) infection in tobacco leaves

作者: Yuan, Y (Yuan Ye); Sun, HW (Sun Hongwei); Wang, Y (Wang Yue); Xu, ZS (Xu Zisong); Han, SX (Han Shixin); He, GQ (He Guoqiang); Yin, KD (Yin Kuide); Zhang, HH (Zhang, Huihui)

来源出版物: JOURNAL OF PLANT INTERACTIONS 卷: 17 期: 1 页: 801-811

DOI: 10.1080/17429145.2022.2106385 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

入藏号: WOS:000835521300001

文献类型: Article

作者关键词: *Pseudomonas syringae* pv; *tabaci*; wood vinegar; PSII and PSI; electron transfer; reactive oxygen species

KeyWords Plus: CHLOROPHYLL FLUORESCENCE; COMPATIBLE INTERACTION; HYDROGEN-PEROXIDE; MUTANT REVEALS; PHOTOSYSTEM-I; CELL-DEATH; STRESS; WHEAT; GROWTH; METABOLISM

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研究方向: Plant Sciences; Environmental Sciences & Ecology

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输出日期: 2022-09-07

第 3 条

标题: SIZ1-mediated SUMOylation responds to multiple abiotic stresses in plants

作者: Fang, SM (Fang, Shumei); Hou, X (Hou, Xue); Liang, XL (Liang, Xilong)

来源出版物: ENVIRONMENTAL AND EXPERIMENTAL BOTANY 卷: 201

文献号: 104977 DOI: 10.1016/j.envexpbot.2022.104977 出版年: SEP 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000827968800006

文献类型: Review

作者关键词: SUMOylation; SUMO; SUMO E3 ligase; SIZ1; Abiotic stress; Plants

KeyWords Plus: SUMO E3 LIGASE; TRANSCRIPTION FACTOR; ABSCISIC-ACID; HEAT TOLERANCE; PIAS PROTEINS; POSTTRANSLATIONAL MODIFICATION; PHOSPHATE DEFICIENCY; FREEZING TOLERANCE; DROUGHT TOLERANCE; SALICYLIC ACID

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研究方向: Plant Sciences; Environmental Sciences & Ecology

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输出日期: 2022-09-07

第 4 条

标题: Melatonin improves nitrogen metabolism during grain filling under drought stress

作者: Cao, L (Cao, Liang); Qin, B (Qin, Bin); Gong, ZP (Gong, Zhenping); Zhang, YX (Zhang, Yuxian)

来源出版物: PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS

DOI: 10.1007/s12298-022-01219-y 提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000842719800001

文献类型: Article; Early Access

作者关键词: Melatonin; Soybean; Drought; Nitrogen metabolism; Yield

KeyWords Plus: EXOGENOUS MELATONIN; WATER-STRESS; MAIZE YIELD; GROWTH; PHOTOSYNTHESIS; TOLERANCE; SEEDLINGS; TRANSLOCATION; L.

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研究方向: Plant Sciences

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输出日期: 2022-09-07

第 5 条

标题: Rapid Effect of Enriched Nitrogen on Soybean Nitrogen Uptake, Distribution, and Assimilation During Early Flowering Stage

作者: Zhou, HL (Zhou, Hongli); Zhao, Q (Zhao, Qiang); He, R (He, Ru); Zhang, W (Zhang, Wei); Zhang, HJ (Zhang, Huijun); Wang, HY (Wang, Haiying); Ao, X (Ao, Xue); Yao, XD (Yao, Xingdong); Xie, FT (Xie, Futi)

来源出版物: JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION

DOI: 10.1007/s42729-022-00931-8 提前访问日期: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000827398700001

文献类型: Article; Early Access

作者关键词: Glycine Max; Nitrate Transport; Nitrogen Accumulation; Nitrogen Distribution; Reproductive Growth

KeyWords Plus: CYTOSOLIC GLUTAMINE-SYNTHETASE; NITRATE TRANSPORTER; USE EFFICIENCY; RESPONSES; LEAVES; ROOTS; DEHYDROGENASE; REDUCTASE; REVEALS; GROWTH

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研究方向: Plant Sciences; Environmental Sciences & Ecology; Agriculture

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输出日期: 2022-09-07

第 6 条

标题: Both uniconazole and 5-aminolevulinic acid increase maize (*Zea mays* L.) yield by changing its ear morphology and increasing photosynthetic efficiency and antioxidants in saline-alkali land

作者: Xu, L (Xu, L.); Feng, NJ (Feng, N. J.); Liang, XL (Liang, X. L.); Zhao, HH (Zhao, H. H.); Wang, SY (Wang, S. Y.); Jiang, Y (Jiang, Y.); Zhao, Y (Zhao, Y.); Zheng, DF (Zheng, D. F.)

来源出版物: PHOTOSYNTHEICA 页: 408-419 DOI: 10.32615/ps.2022.029

提前访问日期: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

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入藏号: WOS:000826305700001

文献类型: Article; Early Access

作者关键词: leaf senescence; photosynthesis; plant growth regulator; *Zea mays* L.

KeyWords Plus: SALT STRESS; GROWTH; SENESCENCE; SYSTEM; WATER; METABOLISM; REDUCTASE; SEEDLINGS; STRAINS; PROTEIN

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研究方向: Plant Sciences

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输出日期: 2022-09-07

第 7 条

标题: Glutathione Promotes Degradation and Metabolism of Residual Fungicides by Inducing UDP-Glycosyltransferase Genes in Tomato

作者: Yu, GB (Yu, Gaobo); Chen, QS (Chen, Qiusen); Chen, FQ (Chen, Fengqiong); Liu, HL (Liu, Hanlin); Lin, JX (Lin, Jiabin); Chen, RA (Chen, Runan); Ren, CY (Ren, Chunyuan); Wei, JP (Wei, Jinpeng); Zhang, YX (Zhang, Yuxian); Yang, FJ (Yang, Fengjun); Sheng, YY (Sheng, Yunyan)

来源出版物: FRONTIERS IN PLANT SCIENCE 卷: 13 文献号: 893508

DOI: 10.3389/fpls.2022.893508 出版年: JUL 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:000828389900001

文献类型: Article

作者关键词: UDP-glycosyltransferase; tomato (*Solanum lycopersicum*); glutathione; chlorothalonil residues; gene expression

KeyWords Plus: GENOME-WIDE ANALYSIS; INDUCED OXIDATIVE STRESS; PHYLOGENETIC ANALYSIS; VARIED EXPRESSION; HYDROGEN-PEROXIDE; MULTIGENE FAMILY; ABIOTIC STRESS; PLANTS; BIOSYNTHESIS; IDENTIFICATION

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研究方向: Plant Sciences

ISSN: 1664-462X

输出日期: 2022-09-07

Biochemistry & Molecular Biology

第 1 条

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

作者: Jiang, P (Jiang, Peng); Liu, N (Liu, Nian); Xiu, YY (Xiu, Yuyang); Wang, WH (Wang, Wenhao); Wang, CY (Wang, Changyuan); Zhang, DJ (Zhang, Dongjie); Li, ZJ (Li, Zhijiang)

来源出版物: FOOD & FUNCTION DOI: 10.1039/d2fo01399a 提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000844564700001

文献类型: Article; Early Access

KeyWords Plus: PROTEIN HYDROLYSATE; SILICO PREDICTION; PURIFICATION; DIGESTIBILITY; FRACTIONATION; PERMEABILITY; GRAIN; FOOD

地址: [Jiang, Peng; Liu, Nian; Xiu, Yuyang; Wang, Wenhao; Wang, Changyuan; Zhang, Dongjie; Li, Zhijiang] 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: 2042-6496
eISSN: 2042-650X
输出日期: 2022-09-07

第 2 条

标题: Effects of imbalance of mineral elements on peripheral neutrophil metabolism in sheep
作者: Wang, D (Wang, Di); Zhou, QJ (Zhou, Qijun); Ji, M (Ji, Ming); Zhou, XQ (Zhou, Xiaoqiao); Wang, JF (Wang, Jianfa); Lian, S (Lian, Shuai)
来源出版物: METALLOMICS 卷: 14 期: 7 文献号: mfac049
DOI: 10.1093/mtomcs/mfac049 出版年: JUL 20 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:000827780700003
文献类型: Article
作者关键词: imbalance; LC-MS; MS; metabolomics analysis; mineral elements; neutrophil; sheep
KeyWords Plus: ISCHEMIA/REPERFUSION INJURY; OXIDATIVE STRESS; HISTAMINE; HEALTH; INFLAMMATION; IMMUNITY
地址: [Wang, Di; Zhou, Qijun; Ji, Ming; Wang, Jianfa; Lian, Shuai] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, 5 Xinfeng Rd, Daqing 163319, Peoples R China.
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研究方向: Biochemistry & Molecular Biology
ISSN: 1756-5901

eISSN: 1756-591X

输出日期: 2022-09-07

第 3 条

标题: The Classification of Rice Blast Resistant Seed Based on Ranman Spectroscopy and SVM

作者: He, Y (He, Yan); Zhang, W (Zhang, Wei); Ma, YC (Ma, Yongcai); Li, JY (Li, Jinyang); Ma, B (Ma, Bo)

来源出版物: MOLECULES 卷: 27 期: 13 文献号: 4091 **DOI:** 10.3390/molecules27134091

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000823893200001

文献类型: Article

作者关键词: ranman spectroscopy; rice blast; resistant varieties; optimize support vector machine algorithm; artificial bee colony algorithm

KeyWords Plus: IDENTIFICATION; VARIETIES

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

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研究方向: Biochemistry & Molecular Biology; Chemistry

eISSN: 1420-3049

输出日期: 2022-09-07

第 4 条

标题: Cold Stress Induced Liver Injury of Mice through Activated NLRP3/Caspase-1/GSDMD Pyroptosis Signaling Pathway

作者: Liu, YY (Liu, Yuanyuan); Xue, NAY (Xue, Nianyu); Zhang, BX (Zhang, Boxi); Lv, HM (Lv, Hongming); Li, SZ (Li, Shize)

来源出版物: BIOMOLECULES 卷: 12 期: 7 文献号: 927 **DOI:** 10.3390/biom12070927

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000831977600001

文献类型: Article

作者关键词: cold stress; pyroptosis; inflammasome; apoptosis; liver injury

KeyWords Plus: NLRP3 INFLAMMASOME ACTIVATION; FIBROSIS

地址: [Liu, Yuanyuan; Xue, Nianyu; Zhang, Boxi; Lv, Hongming; Li, Shize]
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研究方向: Biochemistry & Molecular Biology

eISSN: 2218-273X

输出日期: 2022-09-07

第 5 条

标题: Effects of exposure to cadmium (Cd) and selenium-enriched *Lactobacillus plantarum* in *Luciobarbus capito*: Bioaccumulation, antioxidant responses and intestinal microflora

作者: Shang, XC (Shang, Xinchu); Xu, W (Xu, Wei); Zhao, ZG (Zhao, Zhigang); Luo, L (Luo, Liang); Zhang, Q (Zhang, Qing); Li, MY (Li, Muiyang); Sun, QS (Sun, Qingsong); Geng, LW (Geng, Longwu)

来源出版物: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY 卷: 257 文献号: 109352 DOI: 10.1016/j.cbpc.2022.109352

出版年: JUL 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:000831263400003

文献类型: Article

作者关键词: Selenium-enriched *Lactobacillus plantarum*; Cadmium; Accumulation; Antioxidant responses; Gut microbiota

KeyWords Plus: CYPRINUS-CARPIO; MICROBIAL COMMUNITY; WATERBORNE CADMIUM; GUT MICROBIOTA; NILE TILAPIA; COMMON CARP; TOXICITY; LIVER; ACCUMULATION; MUSCLE

地址: [Shang, Xinchu; Xu, Wei; Zhao, Zhigang; Luo, Liang; Zhang, Qing; Li, Muiyang; Geng, Longwu] Chinese Acad Fishery Sci, Heilongjiang River Fisheries Res Inst, Rd 43 Songfa, Harbin 150070, Peoples R China.

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研究方向: Biochemistry & Molecular Biology; Endocrinology & Metabolism;
Toxicology; Zoology

ISSN: 1532-0456

eISSN: 1878-1659

输出日期: 2022-09-07

第 6 条

标题: Polysaccharide from dandelion enriched nutritional composition, antioxidant capacity, and inhibited bioaccumulation and inflammation in *Channa asiatica* under hexavalent chromium exposure

作者: Zhao, L (Zhao, Lei); Zhao, JL (Zhao, Jun-Liang); Bai, ZH (Bai, Zhihui); Du, JH (Du, Jiahua); Shi, YC (Shi, Yanchao); Wang, Y (Wang, Yi); Wang, YY (Wang, Yuyao); Liu, YZ (Liu, Yunzhuo); Yu, Z (Yu, Zhe); Li, MY (Li, Mu-Yang)

来源出版物: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

卷: 201 页: 557-568 DOI: 10.1016/j.ijbiomac.2021.12.117 出版年: MAR 15 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:000830677000001

文献类型: Article

作者关键词: Dandelion polysaccharide; Bioaccumulation; Meat quality; Antioxidant; *C. asiatica*

KeyWords Plus: IMMUNE-RELATED GENES; NF-KAPPA-B; OXIDATIVE STRESS; TARAXACUM-MONGOLICUM; SIGNALING MOLECULES; GROWTH-PERFORMANCE; DISEASE RESISTANCE; FATTY-ACIDS; ASTRAGALUS POLYSACCHARIDES; TIGHT JUNCTION

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

ISSN: 0141-8130

eISSN: 1879-0003

输出日期: 2022-09-07

第 1 条

标题: The Influence of N₂O Emission to Water and Nitrogen Coupling Mechanism in Black Soil under Drip Irrigation Mode

作者: Lin, YY (Lin, Yanyu); Yi, SJ (Yi, Shujuan); Wang, MX (Wang, Mengxue); Nie, TZ (Nie, Tangzhe)

来源出版物: WIRELESS COMMUNICATIONS & MOBILE COMPUTING 卷: 2022

文献号: 4202262 DOI: 10.1155/2022/4202262 出版年: AUG 8 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:000843360600004

文献类型: Article

KeyWords Plus: OXIDE EMISSIONS; FERTILIZER; METHANE; L.

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研究方向: Computer Science; Engineering; Telecommunications

ISSN: 1530-8669

eISSN: 1530-8677

输出日期: 2022-09-07

第 2 条

标题: Design and Experimental Study of Spoon-Clamping Type Garlic Precision Seeding Device

作者: Zhang, XY (Zhang, Xinyan); Yi, SJ (Yi, Shujuan); Tao, GX (Tao, Guixiang); Zhang, DM (Zhang, Dongming); Chong, J (Chong, Jun)

来源出版物: WIRELESS COMMUNICATIONS & MOBILE COMPUTING 卷: 2022

文献号: 5222651 DOI: 10.1155/2022/5222651 出版年: JUN 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:000824085000006

文献类型: Article

KeyWords Plus: ALLIUM-SATIVUM; ALLICIN

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研究方向: Computer Science; Engineering; Telecommunications

ISSN: 1530-8669

eISSN: 1530-8677

输出日期: 2022-09-07

第 3 条

标题: Effects of Different Tillage Measures on Soil Temperature and Humidity and Photosynthetic Capacity of Soybean

作者: Wang, MX (Wang, Mengxue); Li, D (Li, Duo); Zhang, MC (Zhang, Mingcong); Fu, CY (Fu, Chenye); Jin, XJ (Jin, Xijun); Zhang, YX (Zhang, Yuxian); Huang, BL (Huang, Binglin); Ren, CY (Ren, Chunyuan)

来源出版物: WIRELESS COMMUNICATIONS & MOBILE COMPUTING 卷: 2022
文献号: 3338395 DOI: 10.1155/2022/3338395 出版年: MAY 29 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:000821523000003

文献类型: Article

地址: [Wang, Mengxue; Li, Duo; Zhang, Mingcong; Fu, Chenye; Jin, Xijun; Zhang, Yuxian; Ren, Chunyuan] Heilongjiang Bayi Agr Univ, Coll Agron, Daqing 163319, Peoples R China.

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研究方向: Computer Science; Engineering; Telecommunications

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eISSN: 1530-8677

输出日期: 2022-09-07

第 4 条

标题: Modification and Validation of Ritchie Model for Evaporation of Maize Field in Saline Alkali Soil

作者: Zheng, X (Zheng, Xin); Xu, WB (Xu, Wenbao); Zheng, CY (Zheng, Chunyu); Xie, HY (Xie, Hengyan); Li, B (Li, Bo)

来源出版物: WIRELESS COMMUNICATIONS & MOBILE COMPUTING 卷: 2022

文献号: 2558267 **DOI:** 10.1155/2022/2558267 **出版年:** APR 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:000838686400002

文献类型: Article

KeyWords Plus: CROP; WATER

地址: [Zheng, Xin; Xu, Wenbao; Zheng, Chunyu; Xie, Hengyan; Li, Bo] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing, Heilongjiang, Peoples R China.

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研究方向: Computer Science; Engineering; Telecommunications

ISSN: 1530-8669

eISSN: 1530-8677

输出日期: 2022-09-07

Spectroscopy

第 1 条

标题: Fertilization Management Zoning Based on Crop Canopy Spectral Information

作者: Chen, H (Chen Hao); Wang, X (Wang Xi); Zhang, W (Zhang Wei); Wang, XZ (Wang Xin-zhong); Di, XD (Di Xiao-dong); Wang, C (Wang Chang)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 42 期: 7 页: 2233-2240

DOI: 10.3964/j.issn.1000-0593(2022)07-2233-08 **出版年:** JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000836761300036

文献类型: Article

作者关键词: Greenseeker; Management zoning; Fuzzy c-means; Silhouette coefficient; Adjusted rand index

地址: [Chen Hao; Wang Xi; Zhang Wei; Wang Xin-zhong; Di Xiao-dong] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

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研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2022-09-07

第 2 条

标题: Identification of Corn Varieties Based on Bayesian Optimization SVM

作者: Feng, RJ (Feng Rui-jie); Chen, ZG (Chen Zheng-guang); Yi, SJ (Yi Shu-juan)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 42 期: 6 页: 1698-1703

DOI: 10.3964/j.issn.1000-0593(2022)06-1698-06 出版年: JUN 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:000823103200007

文献类型: Article

作者关键词: Near infrared spectroscopy; Corn; Bayesian optimization; Principal component analysis; Support vector machine

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

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研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2022-09-07

第 3 条

标题: Rapid Detection of Total Organic Carbon in Oil Shale Based on Near Infrared Spectroscopy

作者: Li, QL (Li Quan-lun); Chen, ZG (Chen Zheng-guang); Sun, XD (Sun Xian-da)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 42 期: 6 页: 1691-1697

DOI: 10.3964/j.issn.1000-0593(2022)06-1691-07 出版年: JUN 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:000823103200006

文献类型: Article

作者关键词: Near-infrared; Total organic carbon in oil shale; Characteristic wavelength; Support vector machine; Random forest

KeyWords Plus: SELECTION METHODS; YIELD

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

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研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2022-09-07

第 4 条

标题: Prediction Model of Soil Moisture Content in Northern Cold Region Based on Near-Infrared Spectroscopy

作者: Shi, WQ (Shi Wen-qiang); Xu, XY (Xu Xiu-ying); Zhang, W (Zhang Wei); Zhang, P (Zhang Ping); Sun, HT (Sun Hai-tian); Hu, J (Hu Jun)

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 42 期: 6 页: 1704-1710

DOI: 10.3964/j.issn.1000-0593(2022)06-1704-07 出版年: JUN 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:000823103200008

文献类型: Article

作者关键词: Near-infrared spectroscopy; Cold northern region; Temperature stress; Soil moisture content; Prediction model

地址: [Shi Wen-qiang; Xu Xiu-ying; Zhang Wei; Sun Hai-tian; Hu Jun] Heilongjiang Bayi Agr Univ, Coll Engn, Daqing 163319, Peoples R China.

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研究方向: Spectroscopy

ISSN: 1000-0593

输出日期: 2022-09-07

第 1 条

标题: Establishment of millet threshing and separating model and optimization of harvester parameters

作者: Zhang, DM (Zhang, Dongming); Yi, SJ (Yi, Shujuan); Zhang, JH (Zhang, Junhui); Bao, YH (Bao, Yuheng)

来源出版物: ALEXANDRIA ENGINEERING JOURNAL 卷: 61 期: 12 页: 11251-11265

DOI: 10.1016/j.aej.2022.04.048 出版年: DEC 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000836550200008

文献类型: Article

作者关键词: Millet; Threshing and separation; Model; Discrete Element Method; Performance optimization

KeyWords Plus: SIMULATION; UNITS

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研究方向: Engineering

ISSN: 1110-0168

eISSN: 2090-2670

输出日期: 2022-09-07

第 2 条

标题: In situ and in vitro evaluation of the bioavailability of rumen-protected methionine with coating prototypes

作者: Zhang, Y (Zhang, Yu); Zhang, CX (Zhang, Chenxue); Zhang, MM (Zhang, Mengmeng); Yang, H (Yang, Huan); Zhao, FF (Zhao, Fangfang); Jiang, N (Jiang, Ning); Zhang, AZ (Zhang, Aizhong)

来源出版物: JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS

卷: 133 文献号: 105355 DOI: 10.1016/j.jmbbm.2022.105355 出版年: SEP 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000829548100006

文献类型: Article

作者关键词: rumen Protected methionine; Acrylic resin IV; Ethyl cellulose; In situ rumen delivery; In vitro delivery

KeyWords Plus: MILK PROTEIN YIELD; EUDRAGIT E100; AMINO-ACIDS; DAIRY-COWS; INTESTINAL DIGESTIBILITY; DRUG-RELEASE; LYSINE; DESIGN; PERIOD; ETHYLCELLULOSE

地址: [Zhang, Yu; Zhang, Chenxue; Zhang, Mengmeng; Yang, Huan; Zhao, Fangfang; Jiang, Ning; Zhang, Aizhong] Heilongjiang Bayi Agr Univ, Coll Anim Sci & Vet Med, Key Lab Efficient Utilizat & Nutr Regulat Feed Res, Daqing 163319, Heilongjiang, Peoples R China.

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研究方向: Engineering; Materials Science

ISSN: 1751-6161

eISSN: 1878-0180

输出日期: 2022-09-07

第 3 条

标题: Control Mechanism and Experimental Study on Electric Drive Seed Metering Device of Air Suction Seeder

作者: Ren, SH (Ren, Shouhua); Yi, SJ (Yi, Shujuan)

来源出版物: TEHNICKI VJESNIK-TECHNICAL GAZETTE 卷: 29 期: 4 页: 1254-1261

DOI: 10.17559/TV-20210908053555 出版年: JUN 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:000818875800003

文献类型: Article

作者关键词: electrically driven seed metering device; permanent magnet brushless DC motor; PWM speed regulation; sliding mode variable structure control system

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研究方向: Engineering

ISSN: 1330-3651

eISSN: 1848-6339

输出日期: 2022-09-07

第 1 条

标题: Physicochemical properties and correlation analysis of retrograded starch from different varieties of sorghum

作者: Gao, F (Gao, Fei); Li, XQ (Li, Xiaoqiang); Li, X (Li, Xin); Liu, ZW (Liu, Ziwei); Zou, XY (Zou, Xiangyu); Wang, LD (Wang, Lidong); Zhang, HW (Zhang, Hongwei)

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

DOI: 10.1111/ijfs.16013 提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000841797100001

文献类型: Article; Early Access

作者关键词: Correlation analysis; kinetic; physicochemical properties; retrogradation; sorghum starch; thermal properties

KeyWords Plus: FUNCTIONAL-PROPERTIES; MAIZE STARCH; AMYLOSE; ACID; GELATINIZATION; AMYLOPECTIN

地址: [Gao, Fei; Li, Xiaoqiang; Li, Xin; Liu, Ziwei; Zou, Xiangyu; Wang, Lidong; Zhang, Hongwei] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

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研究方向: Food Science & Technology

ISSN: 0950-5423

eISSN: 1365-2621

输出日期: 2022-09-07

第 2 条

标题: The Effectiveness of Clove Extract on Oxidation-Induced Changes of Structure and Gelation in Porcine Myofibrillar Protein

作者: Ma, JM (Ma, Jinming); Pan, DY (Pan, Deyin); Dong, Y (Dong, Ying); Diao, JJ (Diao, Jingjing); Chen, HS (Chen, Hongsheng)

来源出版物: FOODS 卷: 11 期: 13 文献号: 1970 DOI: 10.3390/foods11131970

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000822258400001

文献类型: Article

作者关键词: myofibrillar proteins; clove extract; antioxidants; protein structure; gelation

KeyWords Plus: PHENOLIC-COMPOUNDS; SPICE EXTRACTS; PROTEOLYTIC SUSCEPTIBILITY; PHYSICO-CHEMICAL PROPERTIES; EMULSIFYING PROPERTIES; NATURAL ANTIOXIDANTS; LONGISSIMUS MUSCLE; GEL FORMATION; OXIDATION; QUALITY

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研究方向: Food Science & Technology

eISSN: 2304-8158

输出日期: 2022-09-07

第 3 条

标题: Preparation of fat substitute based on the high-methoxyl pectin of citrus and application in moon-cake skin

作者: Xu, XY (Xu, Xinyu); Zhang, HM (Zhang, Huimin); Li, L (Li, Lin); Sun, LL (Sun, Lilan); Jia, B (Jia, Bin); Yang, HJ (Yang, Hujun); Zuo, F (Zuo, Feng)

来源出版物: FOOD SCIENCE AND TECHNOLOGY 卷: 42 文献号: e92121

DOI: 10.1590/fst.92121 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:000826093700124

文献类型: Article

作者关键词: high-methoxyl pectin of citrus; gel; fat substitute; moon-cake skin; sensory evaluation

KeyWords Plus: GEL; EXTRACTION; REPLACER; TEXTURE; WATER

地址: [Xu, Xinyu; Zhang, Huimin; Li, Lin; Sun, Lilan; Jia, Bin; Yang, Hujun; Zuo, Feng] Heilongjiang Bayi Agr Univ, Food Coll, Daqing, Heilongjiang, Peoples R China.

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研究方向: Food Science & Technology
ISSN: 0101-2061
eISSN: 1678-457X
输出日期: 2022-09-07

Immunology

第 1 条

标题: Oleuropein ameliorated lung ischemia-reperfusion injury by inhibiting TLR4 signaling cascade in alveolar macrophages
作者: Xu, Z (Xu, Zhe); Sun, XN (Sun, Xiaonan); Ding, B (Ding, Bin); Zi, M (Zi, Ming); Ma, Y (Ma, Yan)
来源出版物: TRANSPLANT IMMUNOLOGY 卷: 74 文献号: 101664
DOI: 10.1016/j.trim.2022.101664 出版年: OCT 2022
Web of Science 核心合集中的 "被引频次": 0
被引频次合计: 0
入藏号: WOS:000835335500013
文献类型: Article
作者关键词: Lung ischemia-reperfusion; Macrophages; TLR4; Oleuropein
KeyWords Plus: NF-KAPPA-B; EXPRESSION
地址: [Xu, Zhe; Sun, Xiaonan; Ding, Bin; Zi, Ming; Ma, Yan] Heilongjiang Bayi Agr Univ, Dept Phys Educ, 5 Xinfeng Rd, Daqing 163319, Heilongjiang, Peoples R China.
通讯作者地址: Xu, Z (通讯作者), Heilongjiang Bayi Agr Univ, Dept Phys Educ, 5 Xinfeng Rd, Daqing 163319, Heilongjiang, Peoples R China.
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研究方向: Immunology; Transplantation
ISSN: 0966-3274
eISSN: 1878-5492
输出日期: 2022-09-07

第 2 条

标题: Therapeutic effect of the sulforaphane derivative JY4 on ulcerative colitis through the NF-kappa B-p65 pathway
作者: Zhao, XJ (Zhao, Xiu-Juan); Zhang, YR (Zhang, Yi-Ran); Bai, WF (Bai, Wen-Fei); Sun, TY (Sun, Tong-Yan); Yang, YF (Yang, Yu-Fen); Wang, TX (Wang, Tong-Xin); Bai, CG (Bai, Cui-Gai)
来源出版物: INFLAMMOPHARMACOLOGY **DOI:** 10.1007/s10787-022-01044-5

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000837922200001

文献类型: Article; Early Access

作者关键词: Ulcerative colitis; Dextran sodium sulfate; Sulforaphane derivative; Pharmacokinetics; NF-kappa B-p65

KeyWords Plus: NF-KAPPA-B; INFLAMMATION; DISEASE; CELLS; MICE; INJURY; TNF

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研究方向: Immunology; Pharmacology & Pharmacy; Toxicology

ISSN: 0925-4692

eISSN: 1568-5608

输出日期: 2022-09-07

第 3 条

标题: Changes of gut microbiota structure in rats infected with *Toxoplasma gondii*

作者: Lv, QB (Lv, Qing-Bo); Ma, H (Ma, He); Wei, JQ (Wei, Jiaqi); Qin, YF (Qin, Yi-Feng); Qiu, HY (Qiu, Hong-Yu); Ni, HB (Ni, Hong-Bo); Yang, LH (Yang, Li-Hua); Cao, HW (Cao, Hongwei)

来源出版物: FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY

卷: 12 文献号: 969832 DOI: 10.3389/fcimb.2022.969832 出版年: JUL 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:000839403900001

文献类型: Article

作者关键词: *Toxoplasma gondii*; fischer 344 rats; gut microbiota; 16S rRNA gene amplicon sequencing; genotype

KeyWords Plus: SUSCEPTIBILITY; VIRULENCE; STRAINS; MICE; KINETICS;

INVASION; TRAIT

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研究方向: Immunology; Microbiology

ISSN: 2235-2988

输出日期: 2022-09-07

Nutrition & Dietetics

第 1 条

标题: Hydrothermal-induced changes in the gel properties of Mung bean proteins and their effect on the cooking quality of developed compound noodles

作者: Diao, JJ (Diao, Jingjing); Tao, Y (Tao, Yang); Chen, HS (Chen, Hongsheng); Zhang, DJ (Zhang, Dongjie); Wang, CY (Wang, Changyuan)

来源出版物: FRONTIERS IN NUTRITION 卷: 9 文献号: 957487

DOI: 10.3389/fnut.2022.957487 出版年: AUG 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:000842711200001

文献类型: Article

作者关键词: hydrothermal treatment; Mung bean protein; modified Mung bean protein; gel properties; cooking quality

KeyWords Plus: PASTA

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研究方向: Nutrition & Dietetics

ISSN: 2296-861X

输出日期: 2022-09-07

第 2 条

标题: Kidney Bean Fermented Broth Alleviates Hyperlipidemic by Regulating Serum Metabolites and Gut Microbiota Composition

作者: Pang, WQ (Pang, Weiqiao); Wang, D (Wang, Di); Zuo, ZH (Zuo, Zhaohang); Wang, Y (Wang, Ying); Sun, W (Sun, Wei); Zhang, ND (Zhang, Naidan); Zhang, DJ (Zhang, Dongjie)

来源出版物: NUTRIENTS 卷: 14 期: 15 文献号: 3202 DOI: 10.3390/nu14153202

出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000839827800001

文献类型: Article

作者关键词: kidney bean fermented broth; hyperlipidemia; gut microbiota; untargeted metabolomics; serum lipid

KeyWords Plus: L-ARGININE; HEALTH; ACID; DYSLIPIDEMIA; EXTRACT; OBESITY; MICE

地址: [Pang, Weiqiao; Wang, Di; Zuo, Zhaohang; Wang, Ying; Sun, Wei; Zhang, Naidan; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll Food Sci, Daqing 163319, Peoples R China.

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研究方向: Nutrition & Dietetics

eISSN: 2072-6643

输出日期: 2022-09-07

第 3 条

标题: Research on the Mechanism of HRP Relieving IPEC-J2 Cells Immunological Stress Based on Transcriptome Sequencing Analysis

作者: Li, MY (Li, Muyang); Chen, L (Chen, Lu); Zhao, YR (Zhao, Yiran); Sun, H (Sun,

Hui); Zhao, L (Zhao, Lei)

来源出版物: FRONTIERS IN NUTRITION 卷: 9 文献号: 944390 DOI: 10.3389/fnut.2022.944390
出版年: JUL 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:000842000800001

文献类型: Article

作者关键词: intestinal damage; and improve piglet health. IPEC-J2 cells; HRP; anti-inflammatory; MAPK/NF- κ B signaling pathway; transcriptome

KeyWords Plus: INTESTINAL EPITHELIAL-CELLS; LPS-INDUCED INFLAMMATION; KAPPA-B-ALPHA; POLYSACCHARIDE EXTRACTS; INDUCED HEPATOTOXICITY; INHIBITION; EXPRESSION; KINASE; IMMUNE; MICE

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研究方向: Nutrition & Dietetics

ISSN: 2296-861X

输出日期: 2022-09-07

Veterinary Sciences

第 1 条

标题: Prevalence of subclinical mastitis among dairy cattle and associated risks factors in China during 2012-2021: A systematic review and meta-analysis

作者: Chen, XL (Chen, Xuelong); Chen, Y (Chen, Yu); Zhang, W (Zhang, Wei); Chen, SY (Chen, Shuiyun); Wen, XB (Wen, Xiaobo); Ran, XH (Ran, Xuhua); Wang, HH (Wang, Honghai); Zhao, JP (Zhao, Jinping); Qi, YP (Qi, Yanping); Xue, NY (Xue, Nianyu)

来源出版物: RESEARCH IN VETERINARY SCIENCE 卷: 148 页: 65-73

DOI: 10.1016/j.rvsc.2022.04.007 出版年: NOV 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000822728600001

文献类型: Review

作者关键词: Dairy cow; Meta-analysis; Publication bias; Somatic cell counts;
Subclinical mastitis

KeyWords Plus: BOVINE MASTITIS; CLINICAL MASTITIS; CELL COUNT;
MILK-YIELD; PATHOGENS; HERDS; COWS

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研究方向: Veterinary Sciences

ISSN: 0034-5288

eISSN: 1532-2661

输出日期: 2022-09-07

第 2 条

标题: Bacillus subtilis Produces Amino Acids to Stimulate Protein Synthesis in Ruminal Tissue Explants via the Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit Beta-Serine/Threonine Kinase-Mammalian Target of Rapamycin Complex 1 Pathway

作者: Wang, QJ (Wang, Qiuju); Ren, YL (Ren, Yulong); Cui, YZ (Cui, Yizhe); Gao, BN (Gao, Bingnan); Zhang, H (Zhang, Hao); Jiang, QM (Jiang, Qianming); Loo, JJ (Loo, Juan J.); Deng, ZJ (Deng, Zhaoju); Xu, C (Xu, Chuang)

来源出版物: FRONTIERS IN VETERINARY SCIENCE 卷: 9 文献号: 852321

DOI: 10.3389/fvets.2022.852321 出版年: JUN 27 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000823417200001

文献类型: Article

作者关键词: Bacillus subtilis; rumen explants; protein expression; amino acids; mTOR

KeyWords Plus: BILE-SALT HYDROLASE; LACTOBACILLUS-PLANTARUM;
RUMEN FERMENTATION; DAIRY-COWS; RESPONSES; PERFORMANCE;
EXPRESSION; ISOLEUCINE; TOLERANCE; LEUCINE

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研究方向: Veterinary Sciences
eISSN: 2297-1769
输出日期: 2022-09-07

第 3 条

标题: The relationship of negative energy balance (NEB) and energy metabolism, milk production and reproductive performance during early lactation in dairy cows in Heilongjiang, China

作者: Wang, ZJ (Wang, Zhijie); Song, YX (Song, Yuxi); Zhao, C (Zhao, Chang); Bai, YL (Bai, Yunlong); Zhang, F (Zhang, Feng); Xia, C (Xia, Cheng); Fu, SX (Fu, Shixin); Zhang, HY (Zhang, Hongyou); Xu, C (Xu, Chuang); Wu, L (Wu, Ling)

来源出版物: VETERINARSKI ARHIV 卷: 92 期: 3 页: 223-232

DOI: 10.24099/vet.arhiv.1377 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:000826982700001

文献类型: Article

作者关键词: dairy cow; negative energy balance; early lactation; reproductive performance

KeyWords Plus: NONESTERIFIED FATTY-ACIDS; SUBCLINICAL KETOSIS; BODY CONDITION; RISK-FACTORS; SERUM; ASSOCIATION; RESUMPTION; FERTILITY; PROFILES; ESTRUS

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研究方向: Veterinary Sciences

ISSN: 0372-5480

eISSN: 1331-8055

输出日期: 2022-09-07

Virology

第 1 条

标题: Goose Astrovirus in China: A Comprehensive Review

作者: Zhu, QH (Zhu, Qinghe); Sun, DB (Sun, Dongbo)

来源出版物: VIRUSES-BASEL 卷: 14 期: 8 文献号: 1759 DOI: 10.3390/v14081759

出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000845139500001

文献类型: Review

作者关键词: goose astrovirus; epidemiology; genetic evolution; pathogenesis; cross-species transmission

KeyWords Plus: URIC-ACID; INFECTION; IDENTIFICATION; RECOMBINATION; SEQUENCES; EXCRETION; DUCK

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研究方向: Virology

eISSN: 1999-4915

输出日期: 2022-09-07

第 2 条

标题: Quantitative proteomic analysis shows involvement of the p38 MAPK pathway in bovine parainfluenza virus type 3 replication

作者: Li, LY (Li, Liyang); Li, PF (Li, Pengfei); Chen, A (Chen, Ao); Li, HB (Li, Hanbing); Liu, Z (Liu, Zhe); Yu, LY (Yu, Liyun); Hou, XL (Hou, Xilin)

来源出版物: VIROLOGY JOURNAL 卷: 19 期: 1 文献号: 116

DOI: 10.1186/s12985-022-01834-x 出版年: JUL 13 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000824656600001

文献类型: Article

作者关键词: Bovine parainfluenza virus type 3 (BPIV3); Differentially expressed proteins; p38 MAPK signaling pathway; Quantitative proteomics

KeyWords Plus: ACTIVATED PROTEIN-KINASE; ISOBARIC TAGS; CELLS; INFECTION; IDENTIFICATION; CATTLE; CV777

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研究方向: Virology

eISSN: 1743-422X

输出日期: 2022-09-07

第 3 条

标题: Multiple Receptors Involved in Invasion and Neuropathogenicity of Canine Distemper Virus: A Review

作者: Zhao, JJ (Zhao, Jianjun); Ren, YR (Ren, Yanrong)

来源出版物: VIRUSES-BASEL 卷: 14 期: 7 文献号: 1520 DOI: 10.3390/v14071520

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000833184300001

文献类型: Review

作者关键词: canine distemper virus; central nervous system; neuropathogenicity; neural receptor

KeyWords Plus: CELL-CELL FUSION; MEASLES-VIRUS; NEURONAL CELLS; PVRL4 NECTIN-4; INFECTION; PROTEIN; SPREAD; PATHOGENESIS; ENTRY; SLAM

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研究方向: Virology

eISSN: 1999-4915

输出日期: 2022-09-07

第 1 条

标题: Cold exposure-induced endoplasmic reticulum stress regulates autophagy through the SIRT2/FoxO1 signaling pathway

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

来源出版物: JOURNAL OF CELLULAR PHYSIOLOGY DOI: 10.1002/jcp.30856

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000837086900001

文献类型: Article; Early Access

作者关键词: autophagy; cold exposure; endoplasmic reticulum stress; FoxO1; liver; SIRT2

KeyWords Plus: ER STRESS; LIVER; SIRT2; HOMEOSTASIS; INTEGRATION; DEACETYLASE

地址: [Guo, Jingru; Nie, Junshu; Chen, Zhuo; Wang, Xian; Hu, Huijie; Xu, Jing; Lu, Jingjing; Ma, Li; Ji, Hong; Yuan, Jianbin; Xu, Bin] Heilongjiang Bayi Agr Univ, Natl Expt Teaching Demonstrat Ctr Anim Med Fdn, Coll Anim Sci & Vet Med, Daqing, Peoples R China.

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研究方向: Cell Biology; Physiology

ISSN: 0021-9541

eISSN: 1097-4652

输出日期: 2022-09-07

第 2 条

标题: RBM3 is an outstanding cold shock protein with multiple physiological functions beyond hypothermia

作者: Hu, YJ (Hu, Yajie); Liu, Y (Liu, Yang); Quan, X (Quan, Xin); Fan, WX (Fan, Wenxuan); Xu, B (Xu, Bin); Li, SZ (Li, Shize)

来源出版物: JOURNAL OF CELLULAR PHYSIOLOGY DOI: 10.1002/jcp.30852

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000835871100001

文献类型: Review; Early Access

作者关键词: cold stress; cytoprotection; neuroprotection; oncogenic; RBM3

KeyWords Plus: RNA-BINDING PROTEIN; MOTIF PROTEIN-3;
SKELETAL-MUSCLE; MESSENGER-RNA; GENE-EXPRESSION; CELLS; STRESS;
IDENTIFICATION; PROLIFERATION; MECHANISMS

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研究方向: Cell Biology; Physiology

ISSN: 0021-9541

eISSN: 1097-4652

输出日期: 2022-09-07

Chemistry

第 1 条

标题: Effective dispersion of oxidized multi-walled carbon nanotubes using a water-soluble
N,O-carboxymethyl chitosan via non-covalent interaction

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

来源出版物: RSC ADVANCES 卷: 12 期: 36 页: 23754-23761

DOI: 10.1039/d2ra03592h 出版年: AUG 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:000843698100001

文献类型: Article

KeyWords Plus: GRAFTED CARBOXYMETHYL CHITOSAN; RAMAN-SPECTRA;
FUNCTIONALIZATION; MWCNTS; OPTIMIZATION; PURIFICATION; REDUCTION;
REMOVAL; PB(II); CHITIN

地址: [Gao, Jinling; Li, Tongtong; Song, Mingzhe; Zhao, Yuyao; Wang, Anxu]
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研究方向: Chemistry

eISSN: 2046-2069

输出日期: 2022-09-07

第 2 条

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

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

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

DOI: 10.1155/2022/2472513 出版年: JUN 23 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:000820908800001

文献类型: Article

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

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研究方向: Chemistry

ISSN: 2090-9063

eISSN: 2090-9071

输出日期: 2022-09-07

Life Sciences & Biomedicine - Other Topics

第 1 条

标题: RNA-Seq Analysis Demonstrates Different Strategies Employed by Tiger Nuts (*Cyperus esculentus* L.) in Response to Drought Stress

作者: Mu, ZS (Mu, Zhongsheng); Wei, ZM (Wei, Zunmiao); Liu, JY (Liu, Jiayao); Cheng, Y (Cheng, Yan); Song, Y (Song, Yu); Yao, HB (Yao, Hongbing); Yuan, XK (Yuan, Xiankai); Wang, SK (Wang, Shukun); Gu, YH (Gu, Yanhua); Zhong, JW (Zhong, Jingwen); Liu, KX (Liu, Kexin); Li, CH (Li, Caihua); Du, JD (Du, Jidao); Zhang, Q (Zhang, Qi)

来源出版物: LIFE-BASEL 卷: 12 期: 7 文献号: 1051 DOI: 10.3390/life12071051

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000831436900001

文献类型: Article

作者关键词: tiger nuts; drought stress; phenylpropanoid biosynthesis; starch and sucrose metabolism; ABA

KeyWords Plus: MECHANISMS; RESISTANCE; TOLERANCE; GENES; ACID

地址: [Mu, Zhongsheng; Song, Yu; Yao, Hongbing; Yuan, Xiankai; Wang, Shukun; Gu, Yanhua; Zhong, Jingwen; Liu, Kexin; Du, Jidao; Zhang, Qi] Heilongjiang Bayi Agr Univ, Agr Coll, Legume Crop Lab, Daqing 163319, Peoples R China.

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

eISSN: 2075-1729

输出日期: 2022-09-07

第 2 条

标题: Identification and Expression Analysis of bZIP Members under Abiotic Stress in Mung Bean (*Vigna radiata*)

作者: Zhang, WH (Zhang, Wenhui); Ye, SJ (Ye, Shijia); Du, YL (Du, Yanli); Zhao, Q (Zhao, Qiang); Du, JD (Du, Jidao); Zhang, Q (Zhang, Qi)

来源出版物: LIFE-BASEL 卷: 12 期: 7 文献号: 938 DOI: 10.3390/life12070938

出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000833147700001

文献类型: Article

作者关键词: bZIP genes; bioinformatics; metabolic pathway; mung bean; RNA-seq

KeyWords Plus: ZIPPER TRANSCRIPTION FACTORS; PLANT DEFENSE; FACTOR FAMILY; EVOLUTION; DROUGHT; GENE; TOLERANCE; SALINITY

地址: [Zhang, Wenhui; Ye, Shijia; Du, Yanli; Zhao, Qiang; Du, Jidao; Zhang, Qi] Heilongjiang Bayi Agr Univ, Agron Coll, Daqing 163319, Peoples R China.

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

eISSN: 2075-1729

输出日期: 2022-09-07

Microbiology

第 1 条

标题: Isolation and identification of an endophytic bacteria Bacillus sp. K-9 exhibiting
biocontrol activity against potato common scab

作者: Shuang, M (Shuang, Ma); Wang, YJ (Wang, Yanjie); Teng, W (Teng, Wang);
Jin, GH (Jin, Guanghui)

来源出版物: ARCHIVES OF MICROBIOLOGY 卷: 204 期: 8 文献号: 483

DOI: 10.1007/s00203-022-02989-5 出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000825399500003

文献类型: Review

作者关键词: Endophytic bacteria; Streptomyces scabies; Potato scab; Biocontrol;
Bacillus

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研究方向: Microbiology

ISSN: 0302-8933

eISSN: 1432-072X

输出日期: 2022-09-07

第 2 条

标题: Fungal Diversity in Barley Under Different Storage Conditions

作者: Cao, DM (Cao, Dongmei); Lou, YH (Lou, Yuhao); Jiang, XJ (Jiang, Xiujie);

Zhang, DJ (Zhang, Dongjie); Liu, JM (Liu, Junmei)

来源出版物: FRONTIERS IN MICROBIOLOGY 卷: 13 文献号: 895975

DOI: 10.3389/fmicb.2022.895975 出版年: JUN 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:000822609100001

文献类型: Article

作者关键词: barley; high-throughput sequencing technology; fungal diversity; different storage environment; deoxynivalenol

KeyWords Plus: BACTERIAL COMMUNITIES; GRAIN; MYCOTOXINS; CONTAMINATION; TEMPERATURE; IMPACT; WHEAT; CLADOSPORIUM; MICROBIOTA; SEQUENCES

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研究方向: Microbiology

eISSN: 1664-302X

输出日期: 2022-09-07

Science & Technology - Other Topics

标题: Energy storage and exergy efficiency analysis of a shell and tube latent thermal energy storage unit with non-uniform length and distributed fins

作者: Wu, YY (Wu, Yangyang); Li, D (Li, Dong); Jiang, W (Jiang, Wei); Zhu, SW (Zhu, Shangwen); Zhao, XF (Zhao, Xuefeng); Arici, M (Arici, Muslum); Tuncbilek, E (Tuncbilek, Ekrem)

来源出版物: SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS
卷: 53 文献号: 102362 DOI: 10.1016/j.seta.2022.102362 子辑: A 出版年: OCT 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000836448200004

文献类型: Article

作者关键词: Thermal performance; Exergy efficiency; Shell and tube LTESU; PCM; Fin

KeyWords Plus: PCM; SYSTEM; PERFORMANCE; ENHANCEMENT; FOAM

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

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eISSN: 2213-1396

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第 2 条

标题: Structural Design and Performance Test of Biomass-Based Nursery Trays

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

来源出版物: SUSTAINABILITY 卷: 14 期: 15 文献号: 9101 DOI: 10.3390/su14159101
出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000839049400001

文献类型: Article

作者关键词: biomass based; nursery trays; structure design; field trials; seedling quality

KeyWords Plus: CONTAINERS; CULTIVATION; STRAW

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

eISSN: 2071-1050

输出日期: 2022-09-07

Entomology

第 1 条

标题: Phylogenetic Analysis of Mitochondrial Genome of Tabanidae (Diptera: Tabanidae) Reveals the Present Status of Tabanidae Classification

作者: Liu, MY (Liu, Mingyue); Wu, TT (Wu, Tingting); Ju, H (Ju, Hao); Ma, XX (Ma, Xiaoxiao); Fang, ZH (Fang, Zihao); Chang, QC (Chang, Qiaocheng)

来源出版物: INSECTS 卷: 13 期: 8 文献号: 695 DOI: 10.3390/insects13080695
出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000845728600001

文献类型: Article

作者关键词: mitochondrial genome; Tabanidae; phylogenetic analyses; Chrysops; Haematopota; Tabanus

KeyWords Plus: HORSE FLIES; EVOLUTION; IDENTIFICATION; VECTORS; DISEASE

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研究方向: Entomology
eISSN: 2075-4450
输出日期: 2022-09-07

Fisheries

第 1 条

标题: Edwardsiella piscicida YccA: A novel virulence factor essential to membrane integrity, mobility, host infection, and host immune response

作者: Jin, MR (Jin, Mengru); He, JJ (He, Jiaojiao); Li, J (Li, Jun); Hu, YH (Hu, Yonghua); Sun, DM (Sun, Dongmei); Gu, HJ (Gu, Hanjie)

来源出版物: FISH & SHELLFISH IMMUNOLOGY 卷: 126 页: 318-326

DOI: 10.1016/j.fsi.2022.05.049 出版年: JUL 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000833312800006

文献类型: Article

作者关键词: Edwardsiella piscicida; YccA; Adversity; Virulence; Infection; Tilapia; Host immune response

KeyWords Plus: PROTEASE; ACTIVATION

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研究方向: Fisheries; Immunology; Marine & Freshwater Biology; Veterinary Sciences
ISSN: 1050-4648
eISSN: 1095-9947
输出日期: 2022-09-07

Infectious Diseases

第 1 条

标题: First description of the mitogenome and phylogeny: *Aedes vexans* and *Ochlerotatus caspius* of the Tribe Aedini (Diptera: Culicidae)

作者: Ma, XX (Ma, Xiao-xiao); Wang, FF (Wang, Feng-feng); Wu, TT (Wu, Ting-ting); Li, Y (Li, Ye); Sun, XJ (Sun, Xiao-jing); Wang, CR (Wang, Chun-ren); Chang, QC (Chang, Qiao-cheng)

来源出版物: INFECTION GENETICS AND EVOLUTION 卷: 102 文献号: 105311
DOI: 10.1016/j.meegid.2022.105311 出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0
被引频次合计: 0
入藏号: WOS:000835719900011
文献类型: Article
作者关键词: Aedini tribe; *Aedes vexans*; *Ochlerotatus caspius*; Mitochondrial genome; Phylogenetic analyses

KeyWords Plus: MITOCHONDRIAL; EVOLUTION; CLASSIFICATION; SOFTWARE; PATTERNS; GENOMES; ZIKA; BIAS

地址: [Ma, Xiao-xiao; Chang, Qiao-cheng] Shantou Univ, Sch Publ Hlth, Shantou 515063, Guangdong, Peoples R China.
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研究方向: Infectious Diseases
ISSN: 1567-1348
eISSN: 1567-7257
输出日期: 2022-09-07

Materials Science

第 1 条

标题: Structural Optimization of Sorghum Straw Powder/ZnO/PVA Nanocomposite Films
作者: Li, J (Li, Juan); Zhang, GT (Zhang, Guantao); Zhang, DJ (Zhang, Dongjie)
来源出版物: COATINGS 卷: 12 期: 8 文献号: 1226 DOI: 10.3390/coatings12081226
出版年: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000846013000001

文献类型: Article

作者关键词: sorghum straw powder; nanostructured ZnO; polyvinyl alcohol;
nanocomposite film; physical properties; structural characterization

KeyWords Plus: CELLULOSE NANOCRYSTALS; SOY PROTEIN; STARCH;
BARRIER; OIL; BIONANOCOMPOSITE; NANOCELLULOSE; IMPROVEMENT

地址: [Li, Juan; Zhang, Guantao; Zhang, Dongjie] Heilongjiang Bayi Agr Univ, Coll
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研究方向: Materials Science; Physics

eISSN: 2079-6412

输出日期: 2022-09-07

Mathematical & Computational Biology

第 1 条

标题: Development Analysis of the Sports Industry Based on the Data Mining Model
作者: Huang, Q (Huang, Qi); Zou, XW (Zou, Xiaowei); Zhang, T (Zhang, Tao); Yang,
HD (Yang, Haidong)

来源出版物: COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE 卷: 2022
文献号: 7543957 DOI: 10.1155/2022/7543957 出版年: JUN 29 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:000840798600023

文献类型: Article

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研究方向: Mathematical & Computational Biology; Neurosciences & Neurology

ISSN: 1687-5265

eISSN: 1687-5273

输出日期: 2022-09-07

Mathematics

第 1 条

标题: A multiplicity result for double phase problem in the whole space

作者: Li, YF (Li, Yanfeng); Liu, HC (Liu, Haicheng)

来源出版物: AIMS MATHEMATICS 卷: 7 期: 9 页: 17475-17485

DOI: 10.3934/math.2022963 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:000835164600005

文献类型: Article

作者关键词: double phase operator; Musielak-Orlicz-Sobolev space; critical point

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研究方向: Mathematics

eISSN: 2473-6988

输出日期: 2022-09-07

Neurosciences & Neurology

第 1 条

标题: Enhanced M-CSF/CSF1R Signaling Closely Associates with PrPSc

Accumulation in the Scrapie-Infected Cell Line and the Brains of Scrapie-Infected Experimental Rodents

作者: Xia, Y (Xia, Ying); Chen, C (Chen, Cao); Chen, J (Chen, Jia); Hu, C (Hu, Chao); Yang, W (Yang, Wei); Wang, L (Wang, Lin); Liu, L (Liu, Lian); Gao, LP (Gao, Li-Ping); Wu, YZ (Wu, Yue-Zhang); Chen, DD (Chen, Dong-Dong); Shi, Q (Shi, Qi); Chen, ZB (Chen, Zhi-Bao); Dong, XP (Dong, Xiao-Ping)

来源出版物: MOLECULAR NEUROBIOLOGY DOI: 10.1007/s12035-022-02989-y

提前访问日期: AUG 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000840590600002

文献类型: Article; Early Access

作者关键词: M-CSF; Prion infection; Microglia; CSF1R; IL-34

KeyWords Plus: COLONY-STIMULATING FACTOR; MICROGLIAL PROLIFERATION; CSF-1 RECEPTOR; TAU PATHOLOGY; FACTOR-I; ACTIVATION; CSF1R; MACROPHAGE; MAINTENANCE; EXPRESSION

地址: [Xia, Ying; Chen, Cao; Chen, Jia; Hu, Chao; Yang, Wei; Wang, Lin; Liu, Lian; Gao, Li-Ping; Wu, Yue-Zhang; Chen, Dong-Dong; Shi, Qi; Dong, Xiao-Ping] Zhejiang Univ, Collaborat Innovat Ctr Diag & Treatment Infect Di, State Key Lab Infect Dis Prevent & Control, Natl I, NHC Key Lab Med Virol & Viral Dis, Chinese Ctr Dis, Beijing, Peoples R China.

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研究方向: Neurosciences & Neurology

ISSN: 0893-7648

eISSN: 1559-1182

输出日期: 2022-09-07

Optics

第 1 条

标题: Rapid detection of talc content in flour based on near-infrared spectroscopy combined with feature wavelength selection

作者: Bao, CH (Bao, Changhao); Zeng, CH (Zeng, Changhao); Liu, JM (Liu, Jinming); Zhang, DJ (Zhang, Dongjie)

来源出版物: APPLIED OPTICS 卷: 61 期: 19 页: 5790-5798

DOI: 10.1364/AO.463443 出版年: JUL 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:000822017300035

文献类型: Article

KeyWords Plus: HEMICELLULOSE; CELLULOSE; APPLE

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研究方向: Optics

ISSN: 1559-128X

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输出日期: 2022-09-07

Parasitology

第 1 条

标题: Hypothetical bromodomain-containing protein 5 is required for the growth of *Toxoplasma gondii*

作者: Zhang, Y (Zhang, Ying); Cheng, L (Cheng, Long); Qiu, HY (Qiu, Hongyu); Sun, TC (Sun, Tiancong); Deng, RP (Deng, Ruipeng); Gong, HY (Gong, Haiyan); Mi, RS

(Mi, Rongsheng); Huang, Y (Huang, Yan); Wang, CR (Wang, Chunren); Chen, ZG (Chen, Zhaoguo)

来源出版物: VETERINARY PARASITOLOGY 卷: 309 文献号: 109767

DOI: 10.1016/j.vetpar.2022.109767 出版年: SEP 2022

Web of Science 核心合集中的 "被引频次": 0

被引频次合计: 0

入藏号: WOS:000841893800005

文献类型: Article

作者关键词: Toxoplasma gondii; Bromodomain-containing protein 5; Localization; Proliferation; Conditional ablation

KeyWords Plus: HISTONE ACETYLTRANSFERASE; PARASITE; DROSOPHILA; EXPRESSION; DATABASE; CLONING; CYCLE

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研究方向: Parasitology; Veterinary Sciences

ISSN: 0304-4017

eISSN: 1873-2550

输出日期: 2022-09-07

Pharmacology & Pharmacy

第 1 条

标题: Nuciferine protects against high-fat diet-induced hepatic steatosis and insulin resistance via activating TFEB-mediated autophagy-lysosomal pathway

作者: Du, XL (Du, Xiliang); Di Malta, C (Di Malta, Chiara); Fang, ZY (Fang, Zhiyuan); Shen, TY (Shen, Taiyu); Niu, XD (Niu, Xiaodi); Chen, M (Chen, Meng); Jin, B (Jin, Bo); Yu, H (Yu, Hao); Lei, L (Lei, Lin); Gao, WW (Gao, Wenwen); Song, YX (Song, Yuxiang); Wang, Z (Wang, Zhe); Xu, C (Xu, Chuang); Cao, ZJ (Cao, Zhijun); Liu, GW (Liu, Guowen); Li, XW (Li, Xinwei)

来源出版物: ACTA PHARMACEUTICA SINICA B 卷: 12 期: 6 页: 2869-2886

DOI: 10.1016/j.apsb.2021.12.012 出版年: JUN 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:000834839900007

文献类型: Article

作者关键词: Autophagy; Fatty liver; Lotus leaf; Lysosome; MiT/TFE; mTORC1; Ragulator; TFEB

KeyWords Plus: RAG GTPASES; LIPID-METABOLISM; MTORC1; RAGULATOR; STEATOHEPATITIS; COMPLEX; STRESS; INJURY; MODULATION; RHEB

地址: [Du, Xiliang; Fang, Zhiyuan; Shen, Taiyu; Chen, Meng; Jin, Bo; Yu, Hao; Lei, Lin; Gao, Wenwen; Song, Yuxiang; Wang, Zhe; Liu, Guowen; Li, Xinwei] Jilin Univ, Coll Vet Med, Minist Educ, Key Lab Zoonosis, Changchun 130062, Peoples R China. [Di Malta, Chiara] Telethon Inst Genet & Med TIGEM, Via Campi Flegrei 34, I-80078 Pozzuoli, NA, Italy.

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研究方向: Pharmacology & Pharmacy

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eISSN: 2211-3843

输出日期: 2022-09-07

Public

第 1 条

标题: Intelligent Integration of Online Environmental Education Resources for English Language and Literature Majors Based on Collaborative Filtering Algorithm

作者: Meng, QL (Meng, Qingling)

来源出版物: JOURNAL OF ENVIRONMENTAL AND PUBLIC HEALTH 卷: 2022

文献号: 7594359 DOI: 10.1155/2022/7594359 出版年: JUL 31 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:000838014600011

文献类型: Article

KeyWords Plus: TEACHING RESOURCES

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研究方向: Public, Environmental & Occupational Health

ISSN: 1687-9805

eISSN: 1687-9813

输出日期: 2022-09-07

Thermodynamics

第 1 条

标题: Energy-saving retrofits of prefabricated house roof in severe cold area

作者: Jiang, W (Jiang, Wei); Zhang, K (Zhang, Kuan); Ma, LY (Ma, Lingyong); Liu, B (Liu, Bo); Li, Q (Li, Qing); Li, D (Li, Dong); Qi, HB (Qi, Hanbing); Liu, Y (Liu, Yang)

来源出版物: ENERGY 卷: 254 文献号: 124455 DOI: 10.1016/j.energy.2022.124455

子辑: C 出版年: SEP 1 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:000814754700002

文献类型: Article

作者关键词: Energy-saving retrofit; Prefabricated house; Roof; Severe cold area; Economy

KeyWords Plus: INDOOR THERMAL ENVIRONMENT; PERFORMANCE; BUILDINGS; IMPROVE; DESIGN; WALL

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研究方向: Thermodynamics; Energy & Fuels

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eISSN: 1873-6785

输出日期: 2022-09-07

第 1 条

标题: Dimethyl sulfoxide and ascarosides improve the growth and yields of entomopathogenic nematodes in liquid cultures

作者: Kong, XX (Kong, Xiangxin); Huang, ZH (Huang, Zhihua); Gu, XH (Gu, Xinghui); Cui, YH (Cui, Yonghe); Li, JZ (Li, Jiangzhou); Han, RC (Han, Richou); Jin, YL (Jin, Yongling); Cao, L (Cao, Li)

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KeyWords Plus: DAUER PHEROMONE COMPONENT; MASS-PRODUCTION; PHOTORHABDUS-LUMINESCENS; STEINERNEMA-CARPOCAPSAE; CAENORHABDITIS-ELEGANS; HETERORHABDITIS; RECOVERY; NEOAPLECTANA

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Wu, Na-Na (Academy of National Food and Strategic Reserves Administration, Beijing;

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Laux, Monika (Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe Institute of Technology, Karlstraße 11, Karlsruhe; 76133, Germany); Lyu, Hailiang; Entling, Martin H.; Schirmel, Jens; Narang, Aditya; Köhler, Mario; Sahaa, Somidh **Source:** *SSRN*, July 11, 2022

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Li, Jingjing (Heilongjiang Bayi Agricultural University, Library, Daqing, China) **Source:** *2022 3rd International Conference on Artificial Intelligence, Robotics and Control, AIRC 2022*, p 57-60, 2022, *2022 3rd International Conference on Artificial Intelligence, Robotics and Control, AIRC 2022*

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17. Prediction Model of Rice Seedling Growth and Rhizosphere Fertility Based on the Improved Elman Neural Network (Open Access)

Jiao, Feng (Heilongjiang Bayi Agricultural University, Daqing, Heilongjiang; 163319, China); Chen, Yang; Zhang, Xinyue; Zhou, Yuyue; Wang, Linlin; Wu, Jinhua **Source:** *Computational Intelligence and Neuroscience*, v 2022, 2022

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

Database: Compendex

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18. Ultrasonic-assisted extraction and purification of xylo-oligosaccharides from wheat bran

Wang, Lidong (College of Food Science, Heilongjiang Bayi Agricultural University,

Heilongjiang, Daqing, China); Li, Zhenjiang; Liu, Ying **Source:** *Journal of Food Process Engineering*, 2022 Article in Press

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19. A Spectro-geometric solution of dynamic characteristics of submarine-like structures

Zhang, Ying (College of Mechanical and Electrical Engineering, Harbin Engineering University, Harbin; 150001, China); Shi, Dongyan; He, Dongze **Source:** *Composite Structures*, v 299, November 1, 2022

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20. Resource Allocation in a Relay-aided Mobile Edge Computing System

Fu, Shuang (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Daqing, China); Zhou, Fuhui; Hu, Rose Qingyang **Source:** *IEEE Internet of Things Journal*, p 1-1, 2022 Article in Press **Database:** Compendex

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21. Non-fragile Consensus Control for MASs with Dynamical Bias

Zhang, Jinnan (Artificial Intelligence Energy Research Institute, Northeast Petroleum University, Daqing Heilongjiang; 163318, China); Dai, Dongyan; Li, Xuerong; Wen, Pengyu **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 13457 LNAI, p 532-540, 2022, *Intelligent Robotics and Applications - 15th International Conference, ICIRA 2022, Proceedings*

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22. ResNet-BiGRU-Attention Based Facial Expression Analysis Model for a Humanoid Robot

Lu, Yang (College of Information and Electrical Engineering, Heilongjiang Bayi Agricultural University, Heilongjiang, Daqing; 163319, China); Wu, Xiaoxiao; Liu, Pengfei; Liu, Wanting; Zhang, Xinmeng; Hou, Yixuan **Source:** *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, v 13457 LNAI, p 541-552, 2022, *Intelligent Robotics and Applications - 15th International Conference, ICIRA 2022, Proceedings*

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ESI 学科分析简报

通过 InCites 平台^①，查询到我校的发文情况和影响力（2012.01-2022.09），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^②，具体详见表 1、表 2。通过比较分析，我校 **Plant & Animal Science** 学科阈值为 3054，国际一流学科阈值为 3138，学科潜力值为 **97.32%**，与上期同比，上升了 **5.83%**；我校 **Agricultural Sciences** 学科阈值为 2675，国际一流学科阈值为 2999，学科潜力值^③为 **89.20%**，与上期同比，上升了 **5.74%**。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 2 个学科处于不变趋势，有 1 个学科处于下降趋势，其中 **Plant & Animal Science** 上升幅度最大。

^① 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。

^② 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

^③ 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	417	92.41	3054	77.70
Agricultural Sciences	2	346	90.01	2675	76.59
Biology & Biochemistry	3	175	77.01	1877	84.00
Chemistry	4	175	61.99	1642	84.57
Microbiology	5	153	55.79	1484	79.74
Molecular Biology & Genetics	6	123	44.44	1340	82.11
Immunology	7	71	60.73	1084	91.55
Clinical Medicine	8	82	84.60	785	84.15
Engineering	9	75	93.62	618	77.33
Environment/Ecology	10	91	66.57	495	50.55
Computer Science	11	49	86.01	480	53.06
Pharmacology & Toxicology	12	49	94.06	473	85.71
Neuroscience & Behavior	13	21	115.27	356	85.71
Materials Science	14	44	40.47	247	68.18
Physics	15	52	52.79	186	63.46
Mathematics	16	26	94.42	99	73.08
Geosciences	17	10	71.74	92	80.00
Multidisciplinary	18	7	35.15	65	71.43
Social Sciences, general	19	4	12.11	6	75.00

表 1 我校各学科阈值情况

研究领域	作者	机构 (发文最低被引频次)	刊物	国家
Agricultural Sciences	697	2999	1814	2707
Biology & Biochemistry	1211	6812	359	1860
Chemistry	2285	8542	2265	3488
Clinical Medicine	2938	4166	3731	31433
Computer Science	701	4623	2556	1144
Economics& Business	552	5822	2072	636
Engineering	1110	3304	4445	2815
Environment/Ecology	1195	4619	2936	5547
Geosciences	1604	6595	3091	2669
Immunology	1151	5525	730	4505
Materials Science	2656	7920	4728	2657
Mathematics	418	4907	1036	653
Microbiology	855	5776	673	2060
Molecular Biology & Genetics	3377	14849	675	2920
Multidisciplinary	596	3206	84	245
Neuroscience & Behavior	1559	6889	3123	1696
Pharmacology & Toxicology	707	3899	6983	1457
Physics	16661	22517	3419	5374
Plant & Animal Science	795	3138	2346	3335
Psychiatry/Psychology	916	4328	2473	751
Social Sciences, general	499	1783	1460	2828
Space Science	8676	44990	1827	1078

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	3054	3138	91.49	97.32	↑
Agricultural Sciences	2	2675	2999	83.46	89.20	↑
Microbiology	3	1484	5776	24.75	25.69	↑
Biology & Biochemistry	4	1877	6812	26.14	27.55	↑
Chemistry	5	1642	8542	18.14	19.22	↑
Immunology	6	1084	5525	19.45	19.62	↑
Molecular Biology & Genetics	7	1340	14849	8.47	9.02	↑
Clinical Medicine	8	785	4166	17.64	18.84	↑
Pharmacology & Toxicology	9	473	3899	11.48	12.13	↑
Engineering	10	618	3304	17.10	18.70	↑
Environment/Ecology	11	495	4619	9.54	10.72	↑
Neuroscience & Behavior	12	356	6889	4.97	5.17	↑
Computer Science	13	480	4623	9.57	10.38	↑
Materials Science	14	247	7920	2.93	3.12	↑
Physics	15	186	22517	0.73	0.83	↑
Mathematics	16	99	4907	1.91	2.02	↑
Geosciences	17	92	6595	1.39	1.39	→
Multidisciplinary	18	65	3206	2.10	2.03	↓
Social Sciences, general	19	6	1783	0.34	0.34	→

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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