

## 福建农林大学高被引论文潜力预测（2019 年 11 月）

本预测对我校 2009 年至今发表的 5000 多篇 SCI/SSCI 论文进行分析，列出我校非高被引论文中高被引潜力值最高的 100 篇论文(如下表所示)。其中，理论上高被引潜力值越接近 100%则论文越有希望成为高被引论文，被引频次差距是该论文成为高被引论文还需要的被引用次数。从表中可以看出，在非高被引论文中，我校有 87 篇论文的高被引潜力值>80%，其中有 73 篇论文被引频次差距≤5 次，若这些论文持续得到新的引用，则将来有很大希望成为 ESI 高被引论文。

表 1 福建农林大学高被引潜力论文

高被引潜力值	被引频次差距	论文标题	作者	来源	出版年
150%	0	Enhanced storability of blueberries by acidic electrolyzed oxidizing water application may be mediated by regulating ROS metabolism	Chen, Yihui; Hung, Yen-Con; Chen, Mengyin; Lin, Mengshi; Lin, Hetong	FOOD CHEMISTRY	2019
140%	0	Gossypium barbadense and Gossypium hirsutum genomes provide insights into the origin and evolution of allotetraploid cotton	Hu, Yan; Chen, Jiedan; Fang, Lei; Zhang, Zhiyuan; Ma, Wei	NATURE GENETICS	2019
125%	0	Rapid determination of thiabendazole in juice by SERS coupled with novel gold nanosubstrates	Alsammarraie, Fouad K.; Lin, Mengshi; Mustapha, Azlin; Lin, Hetong; Chen, Xi	FOOD CHEMISTRY	2018
125%	0	Carbon dioxide and organic waste valorization by microbial electrosynthesis and electro-fermentation	Jiang, Yong; May, Harold D.; Lu, Lu; Liang, Peng; Huang, Xia	WATER RESEARCH	2019
124%	0	Recent advancements and challenges in Solar Tracking Systems (STS): A review	Nsengiyumva, Walter; Chen, Shi Guo; Hu, Lihua; Chen, Xueyong	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2018
120%	0	The NB-LRR gene Pm60 confers powdery mildew resistance in wheat	Zou, Shenghao; Wang, Huan; Li, Yiwen; Kong, Zhaosheng; Tang, Dingzhong	NEW PHYTOLOGIST	2018

120%	0	Cationic S-doped TiO <sub>2</sub> /SiO <sub>2</sub> visible-light photocatalyst synthesized by co-hydrolysis method and its application for organic degradation	Chen, Xiaoyun; Sun, Huizhi; Zhang, Jubin; Guo, Yuanbo; Kuo, Dong-Hau	JOURNAL OF MOLECULAR LIQUIDS	2019
117%	0	Low-Complexity and High-Resolution DOA Estimation for Hybrid Analog and Digital Massive MIMO Receive Array	Shu, Feng; Qin, Yaolu; Liu, Tingting; Gui, Linqing; Zhang, Yijin	IEEE TRANSACTIONS ON COMMUNICATIONS	2018
116%	0	GOATOOLS: A Python library for Gene Ontology analyses	Klopfenstein, D. V.; Zhang, Liangsheng; Pedersen, Brent S.; Ramirez, Fidel; Vesztröcy, Alex Warwick	SCIENTIFIC REPORTS	2018
113%	0	Advanced desalination of dye/NaCl mixtures by a loose nanofiltration membrane for digital ink-jet printing	Ye, Wenyan; Lin, Jiuyang; Borreg, Ricard; Chen, Dong; Sotto, Arcadio	SEPARATION AND PURIFICATION TECHNOLOGY	2018
110%	0	The role of silicon in plant biology: a paradigm shift in research approach	Frew, Adam; Weston, Leslie A.; Reynolds, Olivia L.; Gurr, Geoff M.	ANNALS OF BOTANY	2018
110%	0	KLU suppresses megasporocyte cell fate through SWR1-mediated activation of WRKY28 expression in Arabidopsis	Zhao, Lihua; Cai, Hanyang; Su, Zhenxia; Wang, Lulu; Huang, Xinyu	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018
110%	0	Application of constructed wetlands for treating agricultural runoff and agro-industrial wastewater: a review	Wang, MO; Zhang, Dongqing; Dong, Jianwen; Tan, Soon Keat	HYDROBIOLOGIA	2018
108%	0	Three-dimensional Fe <sub>3</sub> O <sub>4</sub> -graphene macroscopic composites for arsenic and arsenate removal	Guo, Liangqia; Ye, Peirong; Wang, Jing; Fu, FengFu; Wu, Zujian	JOURNAL OF HAZARDOUS MATERIALS	2015
108%	0	Biochar amendment immobilizes lead in rice paddy soils and reduces its phytoavailability	Li, Honghong; Liu, Yuting; Chen, Yanhui; Wang, Shanli; Wang, Mingkuang	SCIENTIFIC REPORTS	2016

108%	0	DNP and ATP induced alteration in disease development of <i>Phomopsis longanae</i> Chi-inoculated longan fruit by acting on energy status and reactive oxygen species production-scavenging system	Lin, Yifen; Chen, Mengyin; Lin, Hetong; Hung, Yen-Con; Lin, Yixiong	FOOD CHEMISTRY	2017
108%	0	<i>Lasiodiplodia theobromae</i> (Pat.) Griff. & Maubl.-induced disease development and pericarp browning of harvested longan fruit in association with membrane lipids metabolism	Zhang, Shen; Lin, Yuzhao; Lin, Hetong; Lin, Yixiong; Chen, Yihui	FOOD CHEMISTRY	2018
106%	0	Bacterial-fungal interactions: ecology, mechanisms and challenges	Deveau, Aurelie; Bonito, Gregory; Uehling, Jessie; Paoletti, Mathieu; Becker, Matthias	FEMS MICROBIOLOGY REVIEWS	2018
105%	0	Silicon: Potential to Promote Direct and Indirect Effects on Plant Defense Against Arthropod Pests in Agriculture	Reynolds, Olivia L.; Padula, Matthew P.; Zeng, Rensen; Gurr, Geoff M.	FRONTIERS IN PLANT SCIENCE	2016
105%	0	Rice Reoviruses in Insect Vectors	Wei, Taiyun; Li, YI	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 54	2016
105%	0	Red mud enhances methanogenesis with the simultaneous improvement of hydrolysis-acidification and electrical conductivity	Ye, Jie; Hu, Andong; Ren, Guoping; Zhou, Ting; Zhang, Guangming	BIORESOURCE TECHNOLOGY	2018
101%	0	Integrated Syntenic and Phylogenomic Analyses Reveal an Ancient Genome Duplication in Monocots	Jiao, Yuannian; Li, Jingping; Tang, Haibao; Paterson, Andrew H.	PLANT CELL	2014
100%	0	CaWRKY40, a WRKY protein of pepper, plays an important role in the regulation of tolerance to heat stress and resistance to <i>Ralstonia solanacearum</i> infection	Dang, Feng-Feng; Wang, Yu-Na; Yu, Lu; Eulgem, Thomas; Lai, Yan	PLANT CELL AND ENVIRONMENT	2013
100%	0	Energy status regulates disease development and respiratory metabolism of <i>Lasiodiplodia theobromae</i> (Pat.) Griff. & Maubl.-infected longan fruit	Zhang, Shen; Lin, Hetong; Lin, Yifen; Lin, Yixiong; Hung, Yen-Con	FOOD CHEMISTRY	2017

100%	0	Feed additives shift gut microbiota and enrich antibiotic resistance in swine gut	Zhao, YI; Su, Jian-Qiang; An, Xin-Li; Huang, Fu-Yi; Rensing, Christopher	SCIENCE OF THE TOTAL ENVIRONMENT	2018
100%	0	Insecticide susceptibilities of the two rice planthoppers <i>Nilaparvata lugens</i> and <i>Sogatella furcifera</i> in East Asia, the Red River Delta, and the Mekong Delta	Matsumura, Masaya; Sanada-Morimura, Sachiyo; Otuka, Akira; Sonoda, Shoji; Dinh Van Thanh	PEST MANAGEMENT SCIENCE	2018
100%	0	The genome of cultivated peanut provides insight into legume karyotypes, polyploid evolution and crop domestication	Zhuang, Weijian; Chen, Hua; Yang, Meng; Wang, Jianping; Pandey, Manish K.	NATURE GENETICS	2019
100%	0	Preparation of transparent film via cellulose regeneration: Correlations between ionic liquid and film properties	Zheng, Xin; Huang, Fang; Chen, Lihui; Huang, Liulian; Cao, Shilin	CARBOHYDRATE POLYMERS	2019
100%	0	Bidirectional extracellular electron transfers of electrode-biofilm: Mechanism and application	Jiang, Yong; Zeng, Raymond Jianxiong	BIORESOURCE TECHNOLOGY	2019
100%	0	Simultaneous determination of six main types of lipid-soluble pigments in green tea by visible and near-infrared spectroscopy	Li, Xiaoli; Jin, Juanjuan; Sun, Chanjun; Ye, Dapeng; Liu, Yufei	FOOD CHEMISTRY	2019
100%	0	Plasma protein binding of dietary polyphenols to human serum albumin: A high performance affinity chromatography approach	Cao, Hui; Liu, Xiaojuan; Ulrich, Natasa Poklar; Sengupta, Pradeep K.; Xiao, Jianbo	FOOD CHEMISTRY	2019
100%	0	Discrimination of geographical origins of Chinese acacia honey using complex C-13/C-12, oligosaccharides and polyphenols	She, Seng; Chen, Lanzhen; Song, Hongbo; Lin, Guanghui; Li, YI	FOOD CHEMISTRY	2019
100%	0	The roles of jasmonate signalling in nitrogen uptake and allocation in rice ( <i>Oryza sativa</i> L.)	Wu, Xiaoying; Ding, Chaohui; Baerson, Scott R.; Lian, Fazhuo; Lin, Xianhui	PLANT CELL AND ENVIRONMENT	2019

100%	0	The influence of C2=C3 double bond on the antiradical activity of flavonoid: Different mechanisms analysis	Zheng, Yan-Zhen; Deng, Geng; Chen, Da-Fu; Guo, Rui; Lai, Rong-Cai	PHYTOCHEMISTRY	2019
100%	0	Sequencing of Cultivated Peanut, <i>Arachis hypogaea</i> , Yields Insights into Genome Evolution and Oil Improvement	Chen, Xiaoping; Lu, Qing; Liu, Hao; Zhang, Jianan; Hong, Yanbin	MOLECULAR PLANT	2019
100%	0	Inequality and small landholdings: Path dependence, land use and wellbeing	Huang, Senwei; Zhang, Yaoqi; Zheng, Yifang; Su, Shipeng; Zheng, Jing	FOREST POLICY AND ECONOMICS	2019
100%	0	CabZIP53 is targeted by CaWRKY40 and act as positive regulator in pepper defense against <i>Ralstonia solanacearum</i> and thermotolerance	Noman, Ali; Hussain, Ansar; Ashraf, Muhammad Furqan; Khan, Muhammad Ifnan; Liu, Zhiqin	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	2019
100%	0	A gene expression map of shoot domains reveals regulatory mechanisms	Tian, Caihuan; Wang, Ying; Yu, Haopeng; He, Jun; Wang, Jin	NATURE COMMUNICATIONS	2019
98%	1	Playing on a Pathogen's Weakness: Using Evolution to Guide Sustainable Plant Disease Control Strategies	Zhan, Jiasui; Thrall, Peter H.; Papaix, Julien; Xie, Lianhui; Burdon, Jeremy J.	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 53	2015
98%	2	Landscape simplification filters species traits and drives biotic homogenization	Gamez-Virus, Sagrario; Perovic, David J.; Gossner, Martin M.; Boersching, Carmen; Bluethgen, Nico	NATURE COMMUNICATIONS	2015
96%	1	Inhibitory effects of propyl gallate on membrane lipids metabolism and its relation to increasing storability of harvested longan fruit	Lin, Yifen; Lin, Yixiong; Lin, Hetong; Shi, John; Chen, Yihui	FOOD CHEMISTRY	2017

96%	1	Hydrogen peroxide-induced pericarp browning of harvested longan fruit in association with energy metabolism	Lin, Yifen; Lin, Yixiong; Lin, Hetong; Ritenour, Mark A.; Shi, John	FOOD CHEMISTRY	2017
96%	1	Titanium as a Beneficial Element for Crop Production	Lyu, Shiheng; Wei, Xiangying; Chen, Jianjun; Wang, Cun; Wang, Xiaoming	FRONTIERS IN PLANT SCIENCE	2017
96%	1	Multiple PPR protein interactions are involved in the RNA editing system in Arabidopsis mitochondria and plastids	Andres-Colas, Nuria; Zhu, Qiang; Takenaka, Mizuki; De Rybel, Bert; Weijers, Dolf	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
96%	1	A ratiometric electrochemical biosensor for the exosomal microRNAs detection based on bipedal DNA walkers propelled by locked nucleic acid modified toehold mediate strand displacement reaction	Zhang, Jing; Wang, Liang-Liang; Hou, Mei-Feng; Xia, Yao-Kun; He, Wen-Hui	BIOSENSORS & BIOELECTRONICS	2018
96%	2	N-doped mesoporous TiO <sub>2</sub> nanoparticles synthesized by using biological renewable nanocrystalline cellulose as template for the degradation of pollutants under visible and sun light	Chen, Xiaoyun; Kuo, Dong-Hau; Lu, Dongfang	CHEMICAL ENGINEERING JOURNAL	2016
95%	4	NADPH oxidases regulate septin-mediated cytoskeletal remodeling during plant infection by the rice blast fungus	Ryder, Lauren S.; Dagdas, Yasin F.; Mentlak, Thomas A.; Kershaw, Michael J.; Thornton, Christopher R.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013
95%	1	Managing biological control services through multi-trophic trait interactions: review and guidelines for implementation at local and landscape scales	Perovic, David J.; Gamez-Virues, Sagrario; Landis, Douglas A.; Wackers, Felix; Gurr, Geoff M.	BIOLOGICAL REVIEWS	2018
93%	6	Inverse modulation of plant immune and brassinosteroid signaling pathways by the receptor-like cytoplasmic kinase BIK1	Lin, Wenwei; Lu, Dongping; Gao, Xiquan; Jiang, Shan; Ma, Xiyu	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013

93%	4	Structural and physicochemical properties of lotus seed starch treated with ultra-high pressure	Guo, Zebin; Zeng, Shaoxiao; Lu, Xu; Zhou, Meiling; Zheng, Mingjing	FOOD CHEMISTRY	2015
92%	4	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications	Shu, Zhaogang; Wan, Jiafu; Zhang, Daqiang; Li, DI	MOBILE NETWORKS & APPLICATIONS	2016
92%	3	Photoactivation and inactivation of Arabidopsis cryptochrome 2	Wang, Qin; Zuo, Zecheng; Wang, XU; Gu, Lianfeng; Yoshizumi, Takeshi	SCIENCE	2016
92%	1	Ethanol extract of Ganoderma lucidum ameliorates lipid metabolic disorders and modulates the gut microbiota composition in high-fat diet fed rats	Guo, Wei-ling; Pan, Yu-Yang; Li, Lu; Li, Tian-Tian; Liu, Bin	FOOD & FUNCTION	2018
92%	5	Remote estimation of canopy height and aboveground biomass of maize using high-resolution stereo images from a low-cost unmanned aerial vehicle system	Li, Wang; Niu, Zheng; Chen, Hanyue; Li, Dong; Wu, Mingquan	ECOLOGICAL INDICATORS	2016
91%	2	H2A.Z Represses Gene Expression by Modulating Promoter Nucleosome Structure and Enhancer Histone Modifications in Arabidopsis	Dai, Xiaozhuan; Bai, Youhuang; Zhao, Lihua; Dou, Xianying; Liu, Yanhui	MOLECULAR PLANT	2017
90%	25	A heterozygous moth genome provides insights into herbivory and detoxification	You, Minsheng; Yue, Zhen; He, Weiyi; Yang, Xinhua; Yang, Guang	NATURE GENETICS	2013
90%	1	Transcript-level expression control of plant NLR genes	Lai, Yan; Eulgem, Thomas	MOLECULAR PLANT PATHOLOGY	2018
90%	1	Identification of a New Host Factor Required for Antiviral RNAi and Amplification of Viral siRNAs	Guo, Zhongxin; Wang, Xian-Bing; Wang, Ying; Li, Wan-Xiang; Gal-On, Amit	PLANT PHYSIOLOGY	2018
89%	2	Secure and Precise Wireless Transmission for Random-Subcarrier-Selection-Based Directional Modulation Transmit Antenna Array	Shu, Feng; Wu, Xiaomin; Hu, Jinsong; Li, Jun; Chen, Riqing	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2018
88%	3	Graphene oxide incorporated functional materials: A review	Ahmad, Hassan; Fan, Mizi; Hui, David	COMPOSITES PART B-ENGINEERING	2018

88%	13	NRAV, a Long Noncoding RNA, Modulates Antiviral Responses through Suppression of Interferon-Stimulated Gene Transcription	Ouyang, Jing; Zhu, Xiaomei; Chen, Yuhai; Wei, Haitao; Chen, Qinghuang	CELL HOST & MICROBE	2014
88%	2	Enhancing sludge methanogenesis with improved redox activity of extracellular polymeric substances by hematite in red mud	Ye, Jie; Hu, Andong; Ren, Guoping; Chen, Man; Tang, Jiahuan	WATER RESEARCH	2018
88%	2	Early stage litter decomposition across biomes	Djukic, Ika; Kepfer-Rojas, Sebastian; Schmidt, Inger Kappel; Larsen, Klaus Steenberg; Beier, Claus	SCIENCE OF THE TOTAL ENVIRONMENT	2018
88%	2	Conventional Ultrafiltration As Effective Strategy for Dye/Salt Fractionation in Textile Wastewater Treatment	Jiang, Mei; Ye, Kunfeng; Deng, Jiajie; Lin, Jiuyang; Ye, Wenyuan	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2018
88%	5	The Apostasia genome and the evolution of orchids	Zhang, Guo-Qiang; Liu, Ke-Wei; Li, Zhen; Lohaus, Rolf; Hsiao, Yu-Yun	NATURE	2017
88%	2	A modified cat swarm optimization based maximum power point tracking method for photovoltaic system under partially shaded condition	Guo, Lei; Meng, Zhuo; Sun, Yize; Wang, Libiao	ENERGY	2018
87%	7	Comparative genomics identifies the Magnaporthe oryzae avirulence effector AvrPi9 that triggers Pi9-mediated blast resistance in rice	Wu, Jun; Kou, Yanjun; Bao, Jiandong; Li, YA; Tang, Mingzhi	NEW PHYTOLOGIST	2015
87%	3	Overexpression of a novel peanut NBS-LRR gene AhRRS5 enhances disease resistance to Ralstonia solanacearum in tobacco	Zhang, Chong; Chen, Hua; Cai, Tiecheng; Deng, YE; Zhuang, Ruirong	PLANT BIOTECHNOLOGY JOURNAL	2017
86%	21	An oxidative stress response to polycyclic aromatic hydrocarbon exposure is rapid and complex in Arabidopsis thaliana	Liu, Hong; Weisman, David; Ye, Yuan-bei; Cui, Bo; Huang, Yan-he	PLANT SCIENCE	2009
86%	10	The brassinosteroid signaling network - a paradigm of signal integration	Wang, Wenfei; Bai, Ming-Yi; Wang, Zhi-Yong	CURRENT OPINION IN PLANT BIOLOGY	2014



85%	3	Potential Antinociceptive Effects of Chinese Propolis and Identification on Its Active Compounds	Sun, Liping; Liao, Lei; Wang, Bei	JOURNAL OF IMMUNOLOGY RESEARCH	2018
84%	25	The pineapple genome and the evolution of CAM photosynthesis	Ming, Ray; VanBuren, Robert; Wai, Ching Man; Tang, Haibao; Schatz, Michael C.	NATURE GENETICS	2015
83%	2	Short-chain fatty acids in control of energy metabolism	Hu, Jiamiao; Lin, Shaoling; Zheng, Baodong; Cheung, Peter C. K.	CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION	2018
83%	4	Antioxidant Activity of Quercetin and Its Glucosides from Propolis: A Theoretical Study	Zheng, Yan-Zhen; Deng, Geng; Liang, Qin; Chen, Da-Fu; Guo, Rui	SCIENTIFIC REPORTS	2017
83%	9	One and the same: integrative taxonomic evidence that <i>Bactrocera invadens</i> (Diptera: Tephritidae) is the same species as the Oriental fruit fly <i>Bactrocera dorsalis</i>	Schutze, Mark K.; Mahmood, Khalid; Pavasovic, Ana; Bo, Wang; Newman, Jaye	SYSTEMATIC ENTOMOLOGY	2015
82%	8	Robust Synthesis Scheme for Secure Multi-Beam Directional Modulation in Broadcasting Systems	Shu, Feng; Wu, Xiaomin; Li, Jun; Chen, Riqing; Vucetic, Branka	IEEE ACCESS	2016
81%	10	Soil C:N ratio is the major determinant of soil microbial community structure in subtropical coniferous and broadleaf forest plantations	Wan, Xiaohua; Huang, Zhiqun; He, Zongming; Yu, Zaipeng; Wang, Minhuang	PLANT AND SOIL	2015
81%	10	Enhanced tomato disease resistance primed by arbuscular mycorrhizal fungus	Song, Yuanyuan; Chen, Dongmei; Lu, Kai; Sun, Zhongxiang; Zeng, Rensen	FRONTIERS IN PLANT SCIENCE	2015
81%	13	Comprehensive Selection of Reference Genes for Gene Expression Normalization in Sugarcane by Real Time Quantitative RT-PCR	Ling, Hui; Wu, Qibin; Guo, Jinlong; Xu, Liping; Que, Youxiong	PLOS ONE	2014
81%	7	Suppression of Jasmonic Acid-Mediated Defense by Viral-Inducible MicroRNA319 Facilitates Virus Infection in Rice	Zhang, Chao; Ding, Zuomei; Wu, Kangcheng; Yang, Liang; Li, Yang	MOLECULAR PLANT	2016

80%	10	Efficient Capture and Effective Sensing of Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> from Water Using a Zirconium Metal Organic Framework	Lin, Zu-Jin; Zheng, He-Qi; Zheng, Huan-Yu; Lin, Li-Ping; Xin, Qin	INORGANIC CHEMISTRY	2017
80%	1	Structures and operating principles of the replisome	Gao, Yang; Cui, Yanxiang; Fox, Tara; Lin, Shiqiang; Wang, Huaibin	SCIENCE	2019
80%	1	L-proline assisted solvothermal preparation of Cu-rich rhombic dodecahedral PtCu nanoframes as advanced electrocatalysts for oxygen reduction and hydrogen evolution reactions	Huang, Xian-Yan; You, Le-Xing; Zhang, Xiao-Fang; Feng, Jiu-Ju; Zhang, LU	ELECTROCHIMICA ACTA	2019
80%	1	Integrated Succinylome and Metabolome Profiling Reveals Crucial Role of S-Ribosylhomocysteine Lyase in Quorum Sensing and Metabolism of <i>Aeromonas hydrophila</i>	Yao, Zujie; Guo, Zhuang; Wang, Yuqian; Li, Wanxin; Fu, Yuying	MOLECULAR & CELLULAR PROTEOMICS	2019
80%	1	Cooperative game approaches to coordinating a three-echelon closed-loop supply chain with fairness concerns	Zheng, Xiao-xue; Liu, Zhi; Li, Kevin W.; Huang, Jun; Chen, JI	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	2019
80%	1	An integrated transparent, UV-filtering organohydrogel sensor via molecular-level ion conductive channels	Pan, Xiaofeng; Wang, Qinhuai; Guo, Runsheng; Ni, Yonghao; Liu, Kai	JOURNAL OF MATERIALS CHEMISTRY A	2019
80%	2	The Sequenced Angiosperm Genomes and Genome Databases	Chen, Fei; Dong, Wei; Zhang, Jiawei; Guo, Xinyue; Chen, Junhao	FRONTIERS IN PLANT SCIENCE	2018
79%	4	Pretreatment of wheat straw leads to structural changes and improved enzymatic hydrolysis	Zheng, QI; Zhou, Tiantian; Wang, Yibin; Cao, Xiaohua; Wu, Songqing	SCIENTIFIC REPORTS	2018
79%	15	The choice of reference genes for assessing gene expression in sugarcane under salinity and drought stresses	Guo, Jinlong; Ling, Hui; Wu, Qibin; Xu, Liping; Que, Youxiong	SCIENTIFIC REPORTS	2014

78%	8	Signaling mechanisms of plant cryptochromes in <i>Arabidopsis thaliana</i>	Liu, Bobin; Yang, Zhaohu; Gomez, Adam; Liu, Bin; Lin, Chentao	JOURNAL OF PLANT RESEARCH	2016
78%	8	Improving crop nutrient efficiency through root architecture modifications	Li, Xinxin; Zeng, Rensen; Liao, Hong	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2016
78%	5	The WRKY Transcription Factor Family in Model Plants and Crops	Chen, Fei; Hu, Yue; Vannozzi, Alessandro; Wu, Kangcheng; Cai, Hanyang	CRITICAL REVIEWS IN PLANT SCIENCES	2017
78%	5	Robust superhydrophobic and superoleophilic filter paper via atom transfer radical polymerization for oil/water separation	Wu, Hui; Wu, Longhui; Lu, Shengchang; Lin, Xinxing; Xiao, He	CARBOHYDRATE POLYMERS	2018
78%	5	Molecular self-assembly of one-dimensional polymer nanostructures in nanopores of anodic alumina oxide templates	Wu, Hui; Higaki, Yuji; Takahara, Atsushi	PROGRESS IN POLYMER SCIENCE	2018
78%	5	MOF-808: A Metal-Organic Framework with Intrinsic Peroxidase-Like Catalytic Activity at Neutral pH for Colorimetric Biosensing	Zheng, He-Qi; Liu, Chun-yan; Zeng, Xue-Yu; Chen, Jin; Lu, Jian	INORGANIC CHEMISTRY	2018
78%	5	Long-read sequencing uncovers the adaptive topography of a carnivorous plant genome	Lan, Tianying; Renner, Tanya; Ibarra-Laclette, Enrique; Farr, Kimberly M.; Chang, Tien-Hao	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
78%	5	CALCIUM-DEPENDENT PROTEIN KINASE5 Associates with the Truncated NLR Protein TIR-NBS2 to Contribute to <i>exo70B1</i> -Mediated Immunity	Liu, NA; Hake, Katharina; Wang, Wei; Zhao, Ting; Romeis, Tina	PLANT CELL	2017
78%	12	Molecular characterization and RNA interference analysis of vitellogenin receptor from <i>Nilaparvata lugens</i> (Stal)	Lu, Kai; Shu, Yinghua; Zhou, Jialiang; Zhang, Xiaoyi; Zhang, Xinyu	JOURNAL OF INSECT PHYSIOLOGY	2015
77%	9	Recent progress on the genetics and molecular breeding of brown planthopper resistance in rice	Hu, Jie; Xiao, Cong; He, Yuqing	RICE	2016

76%	13	Structural characteristics and physicochemical properties of lotus seed resistant starch prepared by different methods	Zeng, Shaoxiao; Wu, Xiaoting; Lin, Shan; Zeng, Hongliang; Lu, Xu	FOOD CHEMISTRY	2015
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注：（1）InCites 数据库论文被引频次截止时间为 2019 年 8 月 30 日，ESI 高被引论文阈值数据截止时间为 2019 年 8 月 31 日；  
（2）表中部分论文的高被引潜力值达到 100%却不是高被引论文，主要由于 InCites 和 ESI 数据库论文引用数统计标准不同导致。

2019 年 11 月