

福建农林大学高被引论文潜力预测（2020年7月更新）

本预测利用 ESI 高被引论文阈值，对我校 2010 年至今发表的 6300 篇 SCI/SSCI 论文进行分析，引入高被引潜力值的概念。高被引潜力值=论文当前被引频次/论文对应年份、学科领域的高被引论文阈值×100%，潜力值越接近 100%则论文越有希望成为高被引论文。将对应的阈值减去论文当前被引频次，就可以知道该论文还需要被引用多少次才能成为高被引论文（即被引频次差距）。本文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。

表 1 福建农林大学高被引潜力论文

高被引潜力	被引频次	阈值	被引频次差距	论文标题	作者	来源	出版年
109%	12	11	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
109%	12	11	0	Enhanced functional properties of biopolymer film incorporated with curcumin-loaded mesoporous silica nanoparticles for food packaging	Wu Chunhua; Zhu Yang; Wu Tiantian; Wang Lin; Yuan Yi; Chen Jicheng; Hu Yaqin; Pang Jie	FOOD CHEMISTRY	2019
104%	27	26	0	The roles of ROS production-scavenging system in Lasiodiplodia theobromae (Pat.) Griff. & Maubl.-induced pericarp browning and disease development of harvested longan fruit	Sun Junzheng; Lin Hetong; Zhang Shen; Lin Yifen; Wang Hui; Lin Mengshi; Hung Yen-Con; Chen Yihui	FOOD CHEMISTRY	2018
104%	27	26	0	Effects of a novel chitosan formulation treatment on quality attributes and storage behavior of harvested litchi fruit	Jiang Xuanjing; Lin Hetong; Shi John; Neethirajan Suresh; Lin Yifen; Chen Yihui; Wang Hui; Lin Yixiong	FOOD CHEMISTRY	2018
103%	38	37	0	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; Zhang Panyue; Zhou Shungui; He Zhen	WATER RESEARCH	2018
103%	39	38	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
102%	87	85	0	Integrated Syntenic and Phylogenomic Analyses Reveal an Ancient	Jiao Yuannian; Li Jingping; Tang	PLANT CELL	2014

				Genome Duplication in Monocots	Haibao; Paterson Andrew H.		
100%	52	52	0	Photoactivation and inactivation of Arabidopsis cryptochrome 2	Wang Qin; Zuo Zecheng; Wang XU; Gu Lianfeng; Yoshizumi Takeshi; Yang Zhaohe; Yang Liang; Liu Qing; Liu Wei; Han Yun-Jeong; Kim Jeong-Il; Liu Bin; Wohlschlegel James A.; Matsui Minami; Oka Yoshito; Lin Chentao	SCIENCE	2016
100%	16	16	0	Hyperthermophilic composting significantly decreases N2O emissions by regulating N2O-related functional genes	Cui Peng; Chen Zhi; Zhao Qian; Yu Zhen; Yi Zhigang; Liao Hanpeng; Zhou Shungui	BIORESOURCE TECHNOLOGY	2019
100%	16	16	0	Amino-functionalized biomass-derived porous carbons with enhanced aqueous adsorption affinity and sensitivity of sulfonamide antibiotics	Wang YU; Jiao Wen-Bin; Wang Jun-Tao; Liu Gui-fang; Cao Hai-Lei; Lu Jian	BIORESOURCE TECHNOLOGY	2019
100%	11	11	0	Effect of guar gum on the physicochemical properties and in vitro digestibility of lotus seed starch	Zheng Mingjing; You Qingxiang; Lin Yan; Lan Fengyi; Luo Menglin; Zeng Hongliang; Zheng Baodong; Zhang Yi	FOOD CHEMISTRY	2019
100%	11	11	0	Chlorogenic acid alleviates obesity and modulates gut microbiota in high-fat-fed mice	Wang Zhengyu; Lam Ka-Lung; Hu Jiamiao; Ge Shenghan; Zhou Arong; Zheng Baodong; Zeng Shaoxiao; Lin Shaoling	FOOD SCIENCE & NUTRITION	2019
100%	10	10	0	A gene expression map of shoot domains reveals regulatory mechanisms	Tian Caihuan; Wang Ying; Yu Haopeng; He Jun; Wang Jin; Shi Bihai; Du Qingwei; Provart Nicholas J.; Meyerowitz Elliot M.; Jiao Yuling	NATURE COMMUNICATIONS	2019
100%	4	4	0	Synthesis, properties and effects of a multi-functional biodiesel fuel additive	Lawan Ibrahim; Zhou Weiming; Idris Aisha Lawan; Jiang Yifan; Zhang Mingxin; Wang Liwei; Yuan Zhanhui	FUEL PROCESSING TECHNOLOGY	2020
100%	3	3	0	Salicylic acid reduces the incidence of Phomopsis longanae Chi infection in harvested longan fruit by affecting the energy status and respiratory metabolism	Chen Yihui; Sun Junzheng; Lin Hetong; Lin Mengshi; Lin Yifen; Wang Hui; Hung Yen-Con	POSTHARVEST BIOLOGY AND TECHNOLOGY	2020
100%	3	3	0	Photooligomerization Determines Photosensitivity and Photoreactivity of Plant Cryptochromes	Liu Qing; Su Tiantian; He Wenjin; Ren Huibo; Liu Siyuan; Chen Yadi; Gao Lin; Hu Xiaohua; Lu Haoyue; Cao Shijiang; Huang Ying; Wang	MOLECULAR PLANT	2020

					XU; Wang Qin; Lin Chentao		
100%	3	3	0	Anti-inflammatory effect of self-emulsifying delivery system containing <i>Sonchus oleraceus</i> Linn extract on streptozotocin-induced diabetic rats	Chen Lei; Lin Xiujun; Xu Xiaowei; Wang Lihao; Teng Hui; Cao Hui	FOOD AND CHEMICAL TOXICOLOGY	2020
100%	3	3	0	A formal redefinition of the genera <i>Nosema</i> and <i>Vairimorpha</i> (Microsporidia: Nosematidae) and reassignment of species based on molecular phylogenetics	Tokarev Yuri S.; Huang Wei-Fone; Solter Leellen F.; Malysh Julia M.; Becnel James J.; Vossbrinck Charles R.	JOURNAL OF INVERTEBRATE PATHOLOGY	2020
98%	51	52	1	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
98%	81	83	2	Biochar amendment immobilizes lead in rice paddy soils and reduces its phytoavailability	Li Honghong; Liu Yuting; Chen Yanhui; Wang Shanli; Wang Mingkuang; Xie Tuanhui; Wang Guo	SCIENTIFIC REPORTS	2016
97%	36	37	1	Titanium as a Beneficial Element for Crop Production	Lyu Shiheng; Wei Xiangying; Chen Jianjun; Wang Cun; Wang Xiaoming; Pan Dongming	FRONTIERS IN PLANT SCIENCE	2017
97%	36	37	1	Multiple PPR protein interactions are involved in the RNA editing system in <i>Arabidopsis</i> mitochondria and plastids	Andres-Colas Nuria; Zhu Qiang; Takenaka Mizuki; De Rybel Bert; Weijers Dolf; Van Der Straeten Dominique	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
97%	36	37	1	Early stage litter decomposition across biomes	Djukic Ika; Kepfer-Rojas Sebastian; Schmidt Inger Kappel; Larsen Klaus Steenberg; Beier Claus; Berg Bjoern; Verheyen Kris; Caliman Adriano; Paquette Alain; Gutierrez-Giron Alba; Humber Alberto; Valdecantos Alejandro; Petraglia Alessandro; Alexander Heather; Augustaitis Algirdas; Saillard Amelie; Ruiz Fernandez Ana Carolina; Sousa Ana I.; Lillebo Ana I.; da Rocha Gripp Anderson; Francez Andre-Jean; Fischer Andrea; Bohner Andreas; Malyshev Andrey; et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2018

96%	68	71	3	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
95%	21	22	1	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
95%	20	21	1	The effect of the Cu <sup>+</sup> /Cu <sup>2+</sup> ratio on the redox reactions by nanoflower CuNiOS catalysts	Chen Xiaoyun; Kuo Dong-Hau; Saragih Albert Daniel; Wu Zong-Yan; Abdullah Hairus; Lin Jinguo	CHEMICAL ENGINEERING SCIENCE	2019
95%	20	21	1	Photocatalytic Degradation of Tetracycline Antibiotics over CdS/Nitrogen-Doped-Carbon Composites Derived from in Situ Carbonization of Metal-Organic Frameworks	Cao Hai-Lei; Cai Feng-Ying; Yu Kai; Zhang Yu-Qing; Lu Jian; Cao Rong	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2019
95%	38	40	2	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; Li Jun; Han Zhu	IEEE TRANSACTIONS ON COMMUNICATIONS	2018
94%	49	52	3	Rice Reoviruses in Insect Vectors	Wei Taiyun; Li Yi	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 54	2016
94%	16	17	1	Effects of boron, silicon and their interactions on cadmium accumulation and toxicity in rice plants	Chen Dongmei; Chen Daoqian; Xue Rongrong; Long Jun; Lin Xianhui; Lin Yibin; Jia Lianghai; Zeng Rensen; Song Yuanyuan	JOURNAL OF HAZARDOUS MATERIALS	2019
94%	15	16	1	Cellular proliferation/cytotoxicity and antimicrobial potentials of green synthesized silver nanoparticles (AgNPs) using Juniperus procera	Ibrahim Essam H.; Kilany Mona; Ghramh Hamed A.; Khan Khalid Ali; Ul Islam Saif	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2019
93%	14	15	1	An overview of chlorophenols as contaminants and their removal from wastewater by adsorption: A review	Garba Zaharaddeen N.; Zhou Weiming; Lawan Ibrahim; Xiao Wei; Zhang Mingxi; Wang Liwei; Chen Lihui; Yuan Zhanhui	JOURNAL OF ENVIRONMENTAL MANAGEMENT	2019
92%	11	12	1	Marine Natural Products: A Source of Novel Anticancer Drugs	Khalifa Shaden A. M.; Elias Nizar; Farag Mohamed A.; Chen Lei; Saeed Aamer; Hegazy Mohamed-Elamir F.; Moustafa Moustafa S.; Abd El-Wahed Aida; Al-Mousawi Saleh M.; Musharraf Syed G.; Chang Fang-Rong; Iwasaki Arihiro; Suenaga Kiyotake; Alajlani Muaaz; Goransson Ulf;	MARINE DRUGS	2019

					El-Seedi Hesham R.		
91%	10	11	1	Using polysaccharides for the enhancement of functionality of foods: A review	Lu Xu; Chen Jinghao; Guo Zebin; Zheng Yafeng; Rea Mary C.; Su Han; Zheng Xiuhua; Zheng Baodong; Miao Song	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2019
91%	10	11	1	Role of intestinal microecology in the regulation of energy metabolism by dietary polyphenols and their metabolites	Lin Shaoling; Wang Zhengyu; Lam Ka-Lung; Zeng Shaoxiao; Tan Bee K.; Hu Jiamiao	FOOD & NUTRITION RESEARCH	2019
91%	10	11	1	Effects of domestic cooking process on the chemical and biological properties of dietary phytochemicals	Zhao Chao; Liu Yuanyuan; Lai Shanshan; Cao Hui; Guan Yi; Cheang Wai San; Liu Bin; Zhao Kewei; Miao Song; Riviere Celine; Capanogluh Esra; Xiao Jianbo	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2019
91%	10	11	1	Characterization of the physicochemical properties and extraction optimization of natural melanin from Inonotus hispidus mushroom	Hou Ruolin; Liu Xin; Xiang Kaikai; Chen Liangtao; Wu Xiaoping; Lin Wenxiong; Zheng Mingfeng; Fu Junsheng	FOOD CHEMISTRY	2019
91%	20	22	2	The Sequenced Angiosperm Genomes and Genome Databases	Chen Fei; Dong Wei; Zhang Jiawei; Guo Xinyue; Chen Junhao; Wang Zhengjia; Lin Zhenguo; Tang Haibao; Zhang Liangsheng	FRONTIERS IN PLANT SCIENCE	2018
91%	20	22	2	Antagonism of Transcription Factor MYC2 by EDS1/PAD4 Complexes Bolsters Salicylic Acid Defense in Arabidopsis Effector-Triggered Immunity	Cui Haitao; Qiu Jingde; Zhou Yue; Bhandari Deepak D.; Zhao Chunhui; Bautor Jaqueline; Parker Jane E.	MOLECULAR PLANT	2018
90%	9	10	1	Two E3 ligases antagonistically regulate the UV-B response in Arabidopsis	Ren Hui; Han Jiupan; Yang Panyu; Mao Weiwei; Liu Xin; Qiu Leilei; Qian Chongzhen; Liu Yan; Chen Zhiren; Ouyang Xinhao; Chen XU; Deng Xing Wang; Huang Xi	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2019
90%	9	10	1	Overexpression of rice aquaporin OsPIP1;2 improves yield by enhancing mesophyll CO <sub>2</sub> conductance and phloem sucrose transport	Xu Feiyun; Wang KE; Yuan Wei; Xu Weifeng; Shuang Liu; Kronzucker Herbert J.; Chen Guanglei; Miao Rui; Zhang Maoxing; Ding Ming; Xiao Liang; Kai Lei; Zhang Jianhua; Zhu Yiyong	JOURNAL OF EXPERIMENTAL BOTANY	2019

90%	9	10	1	Multiple acaricide resistance and underlying mechanisms in <i>Tetranychus urticae</i> on hops	Wu Meixiang; Adesanya Adekunle W.; Morales Mariany A.; Walsh Douglas B.; Lavine Laura C.; Lavine Mark D.; Zhu Fang	JOURNAL OF PEST SCIENCE	2019
90%	177	197	20	The pineapple genome and the evolution of CAM photosynthesis	Ming Ray; VanBuren Robert; Wai Ching Man; Tang Haibao; Schatz Michael C.; Bowers John E.; Lyons Eric; Wang Ming-Li; Chen Jung; Biggers Eric; Zhang Jisen; Huang Lixian; Zhang Lingmao; Miao Wenjing; Zhang Jian; Ye Zhangyao; Miao Chenyong; Lin Zhicong; Wang Hao; Zhou Hongye; Yim Won C.; Priest Henry D.; Zheng Chunfang; Woodhouse Margaret; Edger Patrick P.;	NATURE GENETICS	2015
89%	90	101	11	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.; Schuster Martin; Chen Jisheng; Wang Zonghua; Talbot Nicholas J.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013
89%	8	9	1	Image encryption using complex hyper chaotic system by injecting impulse into parameters	Liu Hongjun; Zhang Yingqian; Kadir Abdurahman; Xu Yanqiu	APPLIED MATHEMATICS AND COMPUTATION	2019
88%	60	68	8	The <i>Apostasia</i> genome and the evolution of orchids	Zhang Guo-Qiang; Liu Ke-Wei; Li Zhen; Lohaus Rolf; Hsiao Yu-Yun; Niu Shan-Ce; Wang Jie-Yu; Lin Yao-Cheng; Xu Qing; Chen Li-jun; Yoshida Kouki; Fujiwara Sumire; Wang Zhi-wen; Zhang Yong-Qiang; Mitsuda Nobutaka; Wang Meina; Liu Guo-Hui; Pecoraro Lorenzo; Huang Hui-Xia; Xiao Xin-Ju; Lin Min; Wu Xin-yi; Wu Wan-Lin; Chen You-Yi; Chang Song-Bin; Sakamoto Shingo; Ohme-Takagi Masaru; Yagi Masafumi;	NATURE	2017

					Zeng Si-Jin; Shen Ching-Yu; Yeh Chuan-Ming; Luo Yi-Bo; Tsai Wen-Chieh; Van de Peer Yves; Liu Zhong-Jian		
88%	35	40	5	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; Chen Yihui; Wang Hui; Shi John	FOOD CHEMISTRY	2017
87%	62	71	9	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; Chen Mingxiao; Yao Qiong; Zhou Qiang; Zhang Wenqing	JOURNAL OF INSECT PHYSIOLOGY	2015
87%	13	15	2	Understanding Enhanced Microbial MeHg Production in Mining-Contaminated Paddy Soils under Sulfate Amendment: Changes in Hg Mobility or Microbial Methylators?	Li Yunyun; Zhao Jiating; Zhong Huan; Wang Yongjie; Li Hong; Li Yu-feng; Van Liem-Nguyen; Jiang Tao; Zhang Zhiyong; Gao Yuxi; Chai Zhifang	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2019
87%	13	15	2	EasyCodeML: A visual tool for analysis of selection using CodeML	Gao Fangluan; Chen Chengjie; Arab Daej A.; Du Zhenguo; He Yehua; Ho Simon Y. W.	ECOLOGY AND EVOLUTION	2019
86%	44	51	7	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; Lin Rong-Guang; Cao Rong; Lin Zu-Jin; Su Jin-Wei	INORGANIC CHEMISTRY	2018
86%	44	51	7	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; Yan An; Weng Yun-Ping; Zeng Lu-Peng; Chen Jing-Hua	BIOSENSORS & BIOELECTRONICS	2018
86%	61	71	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; Davis Murray R.; Yang Yusheng	PLANT AND SOIL	2015
86%	18	21	3	Facile synthesis of covalent organic framework incorporated electrospun nanofiber and application to pipette tip solid phase extraction of sulfonamides in meat samples	Yan Zhiming; Hu Biqing; Li Qianlian; Zhang Sunxian; Pang Jie; Wu Chunhua	JOURNAL OF CHROMATOGRAPHY A	2019
86%	36	42	6	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

					Wratten Stephen D.; You Min-Sheng; Desneux Nicolas		
86%	25 7	300	4 3	A heterozygous moth genome provides insights into herbivory and detoxification	You Minsheng; Yue Zhen; He Weiyi; Yang Xinhua; Yang Guang; Xie Miao; Zhan Dongliang; Baxter Simon W.; Vasseur Liette; Gurr Geoff M.; Douglas Carl J.; Bai Jianlin; Wang Ping;	NATURE GENETICS	2013
86%	71	83	1 2	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; Zhao Wei	ECOLOGICAL INDICATORS	2016
85%	61	72	1 1	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications	Shu Zhaogang; Wan Jiafu; Zhang Daqiang; Li DI	MOBILE NETWORKS & APPLICATIONS	2016
85%	44	52	8	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; Yang Zhen; Shi Shan; Liu Xiaojuan; Zhao Shanshan; Yang Zhirui; Wang YU; Zheng Luping; Wei Juan; Du Zhenguo; Zhang Aihong; Miao Hongqin; Li YI; Wu Zujian; Wu Jianguo	MOLECULAR PLANT	2016
84%	85	101	1 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; Wang Zonghua; Mengiste Tesfaye; He Ping; Shan Libo	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013
84%	11 5	137	2 2	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; Chi Xiaojuan; Qi Baomin; Zhang Lianfeng; Zhao Yi; Gao George Fu; Wang Guoshun; Chen Ji-Long	CELL HOST & MICROBE	2014
84%	31	37	6	The Kalanchoe genome provides insights into convergent evolution and building blocks of crassulacean acid metabolism	Yang Xiaohan; Hu Rongbin; Yin Hengfu; Jenkins Jerry; Shu ShengQiang; Tang Haibao; Liu Degao; Weighill Deborah A.; Yim Won Cheol; Ha Jungmin; Heyduk Karolina; Goodstein David M.; Guo Hao-Bo; Moseley Robert C.; Fitzek	NATURE COMMUNICATIONS	2017



					Elisabeth; Jawdy Sara; Zhang Zhihao; Xie Meng; Hartwell James; Grimwood Jane; Abraham Paul E.; Mewalal Ritesh; Beltran Juan D.; Boxall Susanna F.; Dever Louisa V.; Palla Kaitlin J.;		
84%	31	37	6	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; Wang Lulu; Li Yi; Li Weimin; Hui Yanan; Huang Xinyu; Wang Zonghua; Qin Yuan	MOLECULAR PLANT	2017
83%	10	12	2	Polyunsaturated fatty acids from microalgae <i>Spirulina platensis</i> modulates lipid metabolism disorders and gut microbiota in high-fat diet rats	Li Tian-Tian; Tong Ai-jun; Liu Yuan-yuan; Huang Zi-Rui; Wan Xu-zhi; Pan Yu-Yang; Jia Rui-Bo; Liu Bin; Chen Xin-Hua; Zhao Chao	FOOD AND CHEMICAL TOXICOLOGY	2019
83%	43	52	9	Improving crop nutrient efficiency through root architecture modifications	Li Xinxin; Zeng Rensen; Liao Hong	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2016
83%	43	52	9	CRISPR/Cas9 mediated knockout of the abdominal-A homeotic gene in the global pest, diamondback moth ( <i>Plutella xylostella</i> )	Huang Yuping; Chen Yazhou; Zeng Baosheng; Wang Yajun; James Anthony A.; Gurr Geoff M.; Yang Guang; Lin Xijian; Huang Yongping; You Minsheng	INSECT BIOCHEMISTRY AND MOLECULAR BIOLOGY	2016
83%	33	40	7	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; Wang Jiangzhou	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2018
83%	33	40	7	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; Chen Yihui; Wang Hui; Shi John	FOOD CHEMISTRY	2017
82%	42	51	9	Advanced desalination of dye/NaCl mixtures by a loose nanofiltration membrane for digital ink-jet printing	Ye Wenyuan; Lin Jiuyang; Borreg Ricard; Chen Dong; Sotto Arcadio; Luis Patricia; Liu Minghua; Zhao Shuaifei; Tang Chuyang Y.; Van der Bruggen Bart	SEPARATION AND PURIFICATION TECHNOLOGY	2018
82%	9	11	2	The rheological and physicochemical properties of a novel	Gong Jingni; Wang Lin; Wu	LWT-FOOD SCIENCE AND	2019

				thermosensitive hydrogel based on konjac glucomannan/gum tragacanth	Jiayu; Yuan Yi; Mu Ruo-Jun; Du Yu; Wu Chunhua; Pang Jie	TECHNOLOGY	
82%	9	11	2	Non-targeted metabolomics reveals distinct chemical compositions among different grades of Bai Mudan white tea	Yue Wenjie; Sun Weijiang; Rao R. Shyama Prasad; Ye Naixing; Yang Zhenbiao; Chen Mingjie	FOOD CHEMISTRY	2019
82%	9	11	2	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; Zhou Jinhui; Liu Cuiling	FOOD CHEMISTRY	2019
82%	18	22	4	KLU suppresses megasporocyte cell fate through SWR1-mediated activation of WRKY28 expression in Arabidopsis	Zhao Lihua; Cai Hanyang; Su Zhenxia; Wang Lulu; Huang Xinyu; Zhang Man; Chen Piaojuan; Dai Xiaozhuan; Zhao Heming; Palanivelu Ravishankar; Chen Xuemei; Qin Yuan	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018
82%	18	22	4	Beyond the photocycle - how cryptochromes regulate photoresponses in plants?	Wang Qin; Zuo Zecheng; Wang XU; Liu Qing; Gu Lianfeng; Oka Yoshito; Lin Chentao	CURRENT OPINION IN PLANT BIOLOGY	2018
82%	58	71	1 3	Structural and physicochemical properties of lotus seed starch treated with ultra-high pressure	Guo Zebin; Zeng Shaoxiao; Lu Xu; Zhou Meiling; Zheng Mingjing; Zheng Baodong	FOOD CHEMISTRY	2015
81%	30	37	7	Seed priming by sodium nitroprusside improves salt tolerance in wheat ( <i>Triticum aestivum</i> L.) by enhancing physiological and biochemical parameters	Ali Qasim; Daud M. K.; Haider Muhammad Zulqurnain; Ali Shafaqat; Rizwan Muhammad; Aslam Nosheen; Noman Ali; Iqbal Naeem; Shahzad Faisal; Deeba Farah; Ali Iftikhar; Zhu Shui Jin	PLANT PHYSIOLOGY AND BIOCHEMISTRY	2017
81%	30	37	7	CALCIUM-DEPENDENT PROTEIN KINASE5 Associates with the Truncated NLR Protein TIR-NBS2 to Contribute to exo70B1-Mediated Immunity	Liu NA; Hake Katharina; Wang Wei; Zhao Ting; Romeis Tina; Tang Dingzhong	PLANT CELL	2017
81%	30	37	7	Arabidopsis glycosylphosphatidylinositol-anchored protein LLG1 associates with and modulates FLS2 to regulate innate immunity	Shen Qiujing; Bourdais Gildas; Pan Huairong; Robatzek Silke; Tang Dingzhong	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
81%	17	21	4	Zr-Based Metal-Organic Frameworks with Intrinsic Peroxidase-Like Activity for Ultradeep Oxidative Desulfurization: Mechanism of H <sub>2</sub> O <sub>2</sub> Decomposition	Zheng He-q; Zeng Yong-Nian; Chen Jin; Lin Rong-Guang; Zhuang Wan-E; Cao Rong; Lin Zu-Jin	INORGANIC CHEMISTRY	2019
81%	34	42	8	Pretreatment of wheat straw leads to structural changes and	Zheng Qi; Zhou Tiantian; Wang	SCIENTIFIC REPORTS	2018

				improved enzymatic hydrolysis	Yibin; Cao Xiaohua; Wu Songqing; Zhao Meili; Wang Haoyuan; Xu Ming; Zheng Baodong; Zheng Jingui; Guan Xiong		
81%	21	26	5	Regulatory Efficacy of Brown Seaweed <i>Lessonia nigrescens</i> Extract on the Gene Expression Profile and Intestinal Microflora in Type 2 Diabetic Mice	Zhao Chao; Yang Chengfeng; Chen Mingjun; Lv Xucong; Liu Bin; Yi Lunzhao; Cornara Laura; Wei Ming-Chi; Yang Yu-Chiao; Tundis Rosa; Xiao Jianbo	MOLECULAR NUTRITION & FOOD RESEARCH	2018
81%	21	26	5	Ethanol extract of <i>Ganoderma lucidum</i> 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; Lv Xu-Cong	FOOD & FUNCTION	2018
80%	8	10	2	Uncoupled Expression of Nuclear and Plastid Photosynthesis-Associated Genes Contributes to Cell Death in a Lesion Mimic Mutant	Lv Ruiqing; Li Zihao; Li Mengping; Dogra Vivek; Lv Shanshan; Liu Renyi; Lee Keun Pyo; Kim Chanhong	PLANT CELL	2019
80%	8	10	2	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; Zhang Liqin; Wu Choufei; Hwang Shaw-Yhi; Zeng Rensen; Song Yuanyuan	PLANT CELL AND ENVIRONMENT	2019
80%	8	10	2	Recent polyploidization events in three <i>Saccharum</i> founding species	Zhang Jisen; Zhang Qing; Li Leitong; Tang Haibao; Zhang Qiong; Chen Yang; Arrow Jie; Zhang Xingtang; Wang Aiqin; Miao Chenyong; Ming Ray	PLANT BIOTECHNOLOGY JOURNAL	2019
80%	8	10	2	Magnesium deficiency affects secondary lignification of the vascular system in <i>Citrus sinensis</i> seedlings	Huang Jing-Hao; Xu Jing; Ye Xin; Luo Tu-Yan; Ren Li-Hua; Fan Guo-Cheng; Qi Yi-Ping; Li Qiang; Ferrarezi Rhuanito S.; Chen Li-Song	TREES-STRUCTURE AND FUNCTION	2019
80%	8	10	2	Epigenetic regulation of anthocyanin biosynthesis by an antagonistic interaction between H2A.Z and H3K4me3	Cai Hanyang; Zhang Man; Chai Mengnan; He Qing; Huang Xinyu; Zhao Lihua; Qin Yuan	NEW PHYTOLOGIST	2019
80%	8	10	2	<i>Cymbidium yunnanensis</i> : a new orchid species (Orchidaceae; Epidendroideae) from China based on morphological and molecular evidence	Zhang Guo-Qiang; Chen Gui-Zhen; Chen Li-Jun; Lan Si-Ren	PHYTOTAXA	2019
80%	8	10	2	CabZIP53 is targeted by CaWRKY40 and act as positive regulator in pepper defense against <i>Ralstonia solanacearum</i> and	Noman Ali; Hussain Ansar; Ashraf Muhammad Furqan;	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	2019

				thermotolerance	Khan Muhammad Ifnan; Liu Zhiqin; He Shuilin		
80%	32	40	8	Red raspberry and its anthocyanins: Bioactivity beyond antioxidant capacity	Teng Hui; Fang Ting; Lin Qiyang; Song Hongbo; Liu Bin; Chen Lei	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2017
79%	33	42	9	Red mud enhances methanogenesis with the simultaneous improvement of hydrolysis-acidification and electrical conductivity	Ye Jie; Hu Andong; Ren Guoping; Zhou Ting; Zhang Guangming; Zhou Shungui	BIORESOURCE TECHNOLOGY	2018
78%	40	51	1 1	Zinc oxide nanoparticles induce apoptosis and autophagy in human ovarian cancer cells	Bai Ding-Ping; Zhang Xi-Feng; Zhang Guo-liang; Huang Yi-Fan; Gurunathan Sangiliyandi	INTERNATIONAL JOURNAL OF NANOMEDICINE	2017
78%	29	37	8	The WRKY Transcription Factor Family in Model Plants and Crops	Chen Fei; Hu Yue; Vannozzi Alessandro; Wu Kangcheng; Cai Hanyang; Qin Yuan; Mullis Alison; Lin Zhenguo; Zhang Liangsheng	CRITICAL REVIEWS IN PLANT SCIENCES	2017
78%	29	37	8	Conventional Ultrafiltration As Effective Strategy for Dye/Salt Fractionation in Textile Wastewater Treatment	Jiang Mei; Ye Kunfeng; Deng Jiajie; Lin Jiuyang; Ye Wenyuan; Zhao Shuaifei; Van der Bruggen Bart	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2018
78%	43	55	1 2	Pattern dynamics of a Gierer-Meinhardt model with spatial effects	Sun Gui-Quan; Wang Cui-Hua; Wu Ze-Yan	NONLINEAR DYNAMICS	2017
78%	53	68	1 5	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
78%	28	36	8	Fungal Endophytes: Beyond Herbivore Management	Bamisile Bamisope S.; Dash Chandra K.; Akutse Komivi S.; Keppanan Ravindran; Wang Liande	FRONTIERS IN MICROBIOLOGY	2018
77%	55	71	1 6	Structural characteristics and physicochemical properties of lotus seed resistant starch prepared by different methods	Zeng Shaoxiao; Wu Xiaoting; Lin Shan; Zeng Hongliang; Lu Xu; Zhang Yi; Zheng Baodong	FOOD CHEMISTRY	2015
77%	55	71	1 6	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; Clarke Anthony R.; Krosch Matthew N.; Cameron Stephen L.	SYSTEMATIC ENTOMOLOGY	2015
77%	17	22	5	Transcript-level expression control of plant NLR genes	Lai Yan; Eulgem Thomas	MOLECULAR PLANT PATHOLOGY	2018

注：InCites 数据库论文被引频次截止时间为 2020 年 5 月 31 日，ESI 高被引论文阈值数据截止时间为 2020 年 4 月 30 日；

被引频次差距指的是该论文距离成为高被引论文还需增加的被引频次；

表中部分论文的高被引潜力值达到 100%却不是高被引论文，主要原因为 InCites 数据库统计被 CPCI 论文引用数，而 ESI 不统计 CPCI 论文引用数，且 InCites 数据更新时间较 ESI 更迟一些，导致 InCites 数据库统计的被引频次偏高。

从表中可以看出，在非高被引论文中，我校有 90 篇论文的高被引潜力值大于 80%，这其中有 62 篇论文与阈值的被引频次差距小于等于 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。

2020 年 7 月