福建农林大学高被引论文潜力预测

本预测利用 ESI 高被引论文阈值，对我校 2010 年至今发表的 6400 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
116%	139	120	0	Landscape simplification filters species traits and drives biotic homogenization	Gamez-Virues Sagrario; Perovic David J.; Gossner Martin M.; Boersching Carmen; Bluethgen Nico; de Jong Heike; Simons Nadja K.; Klein Alexandra-Maria; Krauss Jochen; Maier Gwen; Scherber Christoph; Steckel Juliane; et al.	NATURE COMMUNICATIONS	2015
107%	15	14	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
107%	32	30	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
100%	56	56	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
100%	25	25	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
100%	14	14	0	Enhanced functional properties of biopolymer film incorporated with curcurmin-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

100%	4	4	0	Novel konjac glucomannan films with oxidized chitin nanocrystals immobilized red cabbage anthocyanins for intelligent food packaging	Wu Chunhua; Li Yaoling; Sun Jishuai; Lu Yinzhu; Tong Cailing; Wang Lin; Yan Zhiming; Pang Jie	FOOD HYDROCOLLOIDS	2020
99%	88	89	1	Integrated Syntenic and Phylogenomic Analyses Reveal an Ancient Genome Duplication in Monocots	Jiao Yuannian; Li Jingping; Tang Haibao; Paterson Andrew H.	PLANT CELL	2014
97%	102	105	3	CaWRKY40, a WRKY protein of pepper, plays an important role in the regulation of tolerance to heat stress and resistance to Ralstonia solanacearum infection	Dang Feng-Feng; Wang Yu-Na; Yu Lu; Eulgem Thomas; Lai Yan; Liu Zhi-qin; Wang XU; Qiu Ai-Lian; Zhang Ting-Xiu; Lin Jing; Chen Yan-Sheng; Guan De-Yi; Cai Han-Yang; Mou Shao-Liang; He Shui-Lin	PLANT CELL AND ENVIRONMENT	2013
95%	41	43	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; Zhang Panyue; Zhou Shungui; He Zhen	WATER RESEARCH	2018
95%	20	21	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
95%	53	56	3	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
93%	69	74	5	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
93%	40	43	3	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	SCIENCE OF THE TOTAL ENVIRONMENT	2018

					Alejandro; et al.		
93%	13	14	1	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
93%	37	40	3	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
92%	82	89	7	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
92%	23	25	2	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in Arabidopsis	Liu Wanlu; Duttke Sascha H.; Hetzel Jonathan; Groth Martin; Feng Suhua; Gallego-Bartolome Javier; Zhong Zhenhui; Kuo Hsuan Yu; Wang Zonghua; Zhai Jixian; Chory Joanne; Jacobsen Steven E.	NATURE PLANTS	2018
92%	11	12	1	Transgenerational hormetic effects of sublethal dose of flupyradifurone on the green peach aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae)	Tang Qiuling; Ma Kangsheng; Chi Hsin; Hou Youming; Gao Xiwu	PLOS ONE	2019
92%	11	12	1	The Impact of the Biomass Crop Assistance Program on the United States Forest Products Market: An Application of the Global Forest Products Model	Jiang Wei; Carter Douglas R.; Fu Hanliang; Jacobson Michael G.; Zipp Katherine Y.; Jin Jiang; Yang Long	FORESTS	2019
92%	11	12	1	Multiple acaricide resistance and underlying mechanisms in Tetranychus urticae 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
91%	39	43	4	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
90%	27	30	3	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
90%	36	40	4	Multiple PPR protein interactions are involved in the RNA editing system in Arabidopsis mitochondria and plastids	Andres-Colas Nuria; Zhu Qiang; Takenaka Mizuki; De	PROCEEDINGS OF THE NATIONAL ACADEMY OF	2017

					Rybel Bert; Weijers Dolf; Van Der Straeten Dominique	SCIENCES OF THE UNITED STATES OF AMERICA	
90%	94	105	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%	50	56	6	Rice Reoviruses in Insect Vectors	Wei Taiyun; Li YI	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 54	2016
89%	40	45	5	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
88%	181	205	24	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 .et al.	NATURE GENETICS	2015
88%	22	25	3	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
88%	50	57	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
87%	77	89	12	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
86%	64	74	10	The Apostasia 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.et al.	NATURE	2017
86%	64	74	10	Molecular characterization and RNA interference analysis of vitellogenin receptor from Nilaparvata lugens (Stal)	Lu Kai; Shu Yinghua; Zhou Jialiang; Zhang Xiaoyi; Zhang Xinyu; Chen Mingxiao; Yao Qiong; Zhou Qiang; Zhang	JOURNAL OF INSECT PHYSIOLOGY	2015

					Wenqing		
86%	12	14	2	A review on advanced microencapsulation technology to enhance bioavailability of phenolic compounds: Based on its activity in the treatment of Type 2 Diabetes	Chen Lei; Gnanaraj Charles; Arulselvan Palanisamy; El-Seedi Hesham; Teng Hui	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2019
85%	64	75	11	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
85%	263	309	46	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.; et al.	NATURE GENETICS	2013
85%	40	47	7	Pretreatment of wheat straw leads to structural changes and improved enzymatic hydrolysis	Zheng QI; Zhou Tiantian; Wang Yibin; Cao Xiaohua; Wu Songqing; Zhao Meili; Wang Haoyuan; Xu Ming; Zheng Baodong; Zheng Jingui; Guan Xiong	SCIENTIFIC REPORTS	2018
85%	22	26	4	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
84%	21	25	4	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
84%	21	25	4	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
84%	47	56	9	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

83%	15	18	3	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
83%	118	142	24	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
83%	87	105	18	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
83%	33	40	7	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
82%	36	44	8	DNP and ATP induced alteration in disease development of Phomopsis longanae 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
82%	63	77	14	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications	Shu Zhaogang; Wan Jiafu; Zhang Daqiang; Li DI	MOBILE NETWORKS & APPLICATIONS	2016
81%	61	75	14	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%	17	21	4	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
81%	17	21	4	Bidirectional extracellular electron transfers of electrode-biofilm: Mechanism and application	Jiang Yong; Zeng Raymond Jianxiong	BIORESOURCE TECHNOLOGY	2019
81%	17	21	4	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
81%	38	47	9	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		
81%	21	26	5	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
81%	46	57	11	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
80%	4	5	1	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
80%	4	5	1	Anti-inflammatory effect of self-emulsifying delivery system containing Sonchus oleraceus Linn extract on streptozotocin-induced diabetic rats	Chen Lei; Lin Xiujun; Xu Xiaowei; Wang Lihao; Teng Hui; Cao Hui	FOOD AND CHEMICAL TOXICOLOGY	2020
80%	32	40	8	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 .et al.	NATURE COMMUNICATIONS	2017
79%	34	43	9	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
79%	11	14	3	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
79%	11	14	3	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
79%	11	14	3	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
79%	11	14	3	Effect of oxidized chitin nanocrystals and curcumin into chitosan films for seafood freshness monitoring	Wu Chunhua; Sun Jishuai; Chen Meiyu; Ge Yujun; Ma Jiaqi; Hu Yaqin; Pang Jie; Yan Zhiming	FOOD HYDROCOLLOIDS	2019

79%	44	56	12	Improving crop nutrient efficiency through root architecture modifications	Li Xinxin; Zeng Rensen; Liao Hong	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2016
79%	44	56	12	CRISPR/Cas9 mediated knockout of the abdominal-A homeotic gene in the global pest, diamondback moth (Plutella xylostella)	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
78%	43	55	12	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%	14	18	4	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
78%	31	40	9	Seed priming by sodium nitroprusside improves salt tolerance in wheat (Triticum aestivum 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
78%	31	40	9	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
78%	31	40	9	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
77%	34	44	10	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; Wang Hui	FOOD CHEMISTRY	2017
77%	34	44	10	Energy status regulates disease development and respiratory metabolism of Lasiodiplodia theobromae (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
77%	44	57	13	Advanced desalination of dye/NaCl mixtures by a loose	Ye Wenyuan; Lin Jiuyang;	SEPARATION AND	2018

				nanofiltration membrane for digital ink-jet printing	Borreg Ricard; Chen Dong; Sotto Arcadio; Luis Patricia; Liu Minghua; Zhao Shuaifei; Tang Chuyang Y.; Van der Bruggen Bart	PURIFICATION TECHNOLOGY	
77%	20	26	6	The effect of the Cu+/Cu2+ 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
77%	23	30	7	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; Lv Xu-Cong	FOOD & FUNCTION	2018
77%	36	47	11	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
76%	19	25	6	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
76%	19	25	6	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
76%	57	75	18	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
76%	34	45	11	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
75%	3	4	1	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
75%	3	4	1	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 XU; Wang Qin; Lin Chentao	MOLECULAR PLANT	2020

75%	3	4	1	Emulsions loaded with dihydromyricetin enhance its transport through Caco-2 monolayer and improve anti-diabetic effect in insulin resistant HepG2 cell	Chen Lei; Lin Xiujun; Teng Hui	JOURNAL OF FUNCTIONAL FOODS	2020
75%	9	12	3	Two Arabidopsis Receptor-like Cytoplasmic Kinases SZE1 and SZE2 Associate with the ZAR1-ZED1 Complex and Are Required for Effector-Triggered Immunity	Liu Cheng; Cui Dayong; Zhao Jingbo; Liu NA; Wang Bo; Liu Jing; Xu Enjun; Hu Zhubing; Ren Dongtao; Tang Dingzhong; Hu Yuxin	MOLECULAR PLANT	2019
75%	9	12	3	PbrMYB169 positively regulates lignification of stone cells in pear fruit	Xue Cheng; Yao Jia-Long; Xue Yong-Song; Su Guan-Qing; Wang Liang; Lin Li-Kun; Allan Andrew C.; Zhang Shao-Ling; Wu Jun	JOURNAL OF EXPERIMENTAL BOTANY	2019
75%	9	12	3	Overexpression of rice aquaporin OsPIP1;2 improves yield by enhancing mesophyll CO2 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
75%	9	12	3	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
75%	9	12	3	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
75%	9	12	3	CabZIP53 is targeted by CaWRKY40 and act as positive regulator in pepper defense against Ralstonia solanacearum and thermotolerance	Noman Ali; Hussain Ansar; Ashraf Muhammad Furqan; Khan Muhammad Ifnan; Liu Zhiqin; He Shuilin	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	2019
75%	30	40	10	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
75%	33	44	11	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
75%	53	71	18	N-doped mesoporous TiO2 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
75%	38	51	13	eWOM source credibility, perceived risk and food product	Hussain Safdar; Ahmed Wasim;	COMPUTERS IN HUMAN	2017

				customer's information adoption	Jafar Rana Muhammad Sohail; Rabnawaz Ambar; Yang Jianzhou	BEHAVIOR	
74%	55	74	19	One and the same: integrative taxonomic evidence that Bactrocera invadens (Diptera: Tephritidae) is the same species as the Oriental fruit fly Bactrocera dorsalis	Schutze Mark K.; Mahmood Khalid; Pavasovic Ana; Bo Wang; Newman Jaye; Clarke Anthony R.; Krosch Matthew N.; Cameron Stephen L.	SYSTEMATIC ENTOMOLOGY	2015
74%	55	74	19	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; Zhu Xiaoli; Ponaya Ariane; Xiao Gui; Li Jinbin; Li Chenyun; Song Min-Young; Cumagun Christian Joseph R.; Deng Qiyun; Lu Guodong; Jeon Jong-Seong; Naqvi Naweed I.; Zhou BO	NEW PHYTOLOGIST	2015
74%	66	89	23	The brassinosteroid signaling network - a paradigm of signal integration	Wang Wenfei; Bai Ming-Yi; Wang Zhi-Yong	CURRENT OPINION IN PLANT BIOLOGY	2014
74%	66	89	23	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
73%	11	15	4	Polyunsaturated fatty acids from microalgae Spirulina platensis 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
73%	19	26	7	Melatonin Mediates Enhancement of Stress Tolerance in Plants	Debnath Biswojit; Islam Waqar; Li Min; Sun Yueting; Lu Xiaocao; Mitra Sangeeta; Hussain Mubasher; Liu Shuang; Qiu Dongliang	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2019
73%	16	22	6	Comparative Extracellular Proteomics of Aeromonas hydrophila Reveals Iron-Regulated Secreted Proteins as Potential Vaccine Candidates	Wang Yuqian; Wang Xiaoyun; Ali Farman; Li Zeqi; Fu Yuying; Yang Xiaojun; Lin Wenxiong; Lin Xiangmin	FRONTIERS IN IMMUNOLOGY	2019
73%	32	44	12	Lotus Seed Resistant Starch Regulates Gut Microbiota and Increases Short-Chain Fatty Acids Production and Mineral Absorption in Mice	Zeng Hongliang; Huang Cancan; Lin Shan; Zheng Mingjing; Chen Chuanjie; Zheng Baodong; Zhang Yi	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2017

注：InCites 数据库论文被引频次截止时间为 2020 年 6 月 30 日，ESI 高被引论文阈值数据截止时间为 2020 年 6 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，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 58 篇论文的高被引潜力值大于 80%，这其中有 36 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 9 月