

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 6600 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
120%	150	125	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; Rothenwoehrer Christoph; Steffan-Dewenter Ingolf; Weiner Christiane N.; Weisser Wolfgang; Werner Michael; Tschardtke Teja; Westphal Catrin	NATURE COMMUNICATIONS	2015
103%	34	33	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%	28	28	0	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

100%	5	5	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
100%	5	5	0	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
99%	92	93	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%	32	33	1	Rapid determination of thiabendazole in juice by SERS coupled with novel gold nanosubstrates	Alsammarraie Fouad K.; Lin Mengshi; Mustapha Azlin; Lin Hetong; Chen Xi; Chen Yihui; Wang Hui; Huang Meizhen	FOOD CHEMISTRY	2018
96%	24	25	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
96%	46	48	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
96%	46	48	2	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; Andric Andrijana; Smith Andy; et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2018

95%	42	44	2	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
95%	104	109	5	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
94%	16	17	1	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
94%	16	17	1	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
94%	29	31	2	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
93%	41	44	3	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; Van Der Straeten Dominique	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
93%	13	14	1	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
93%	13	14	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%	46	50	4	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
91%	43	47	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
91%	30	33	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

91%	70	77	7	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
90%	70	78	8	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
89%	85	95	10	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
89%	85	95	10	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
89%	25	28	3	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
89%	25	28	3	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
89%	190	213	23	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.; Guyot Romain; Guo Hao-Bo; Guo Hong; Zheng Guangyong; Singh Ratnesh; Sharma Anupma; Min Xiangjia;	NATURE GENETICS	2015

89%	71	80	9	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; 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; Zeng Si-Jin; Shen Ching-Yu; Yeh Chuan-Ming; Luo Yi-Bo; Tsai Wen-Chieh; Van de Peer Yves; Liu Zhong-Jian	NATURE	2017
88%	69	78	9	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
88%	15	17	2	Polysaccharide peptides from Ganoderma lucidum ameliorate lipid metabolic disorders and gut microbiota dysbiosis in high-fat diet-fed rats	Lv Xu-Cong; Guo Wei-ling; Li Lu; Yu Xiao-dan; Liu Bin	JOURNAL OF FUNCTIONAL FOODS	2019
88%	15	17	2	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
88%	15	17	2	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
86%	51	59	8	Rice Reoviruses in Insect Vectors	Wei Taiyun; Li Yi	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 54	2016
86%	94	109	15	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
86%	6	7	1	A ratiometric electrochemical DNA biosensor for detection of	Luo Lippei; Wang Liangliang;	TALANTA	2020

				exosomal MicroRNA	Zeng Lupeng; Wang Yuru; Weng Yunping; Liao Yijuan; Chen Tingting; Xia Yaokun; Zhang Jing; Chen Jinghua		
86%	24	28	4	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
86%	272	318	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.; Bai Jianlin; Wang Ping; Cui Kai; Huang Shiguo; Li Xianchun; Zhou Qing; Wu Zhangyan; Chen Qilin; Liu Chunhui; Wang Bo; Li Xiaojing; Xu Xiufeng; Lu Changxin; Hu Min; Davey John W.; Smith Sandy M.; Chen Mingshun; Xia Xiaofeng; Tang Weiqi; Ke Fushi; Zheng Dandan; Hu Yulan; Song Fengqin; You Yanchun; Ma Xiaoli; Peng Lu; Zheng Yunkai; Liang Yong; Chen Yaqiong; Yu Liying; Zhang Younan; Liu Yuanyuan; Li Guoqing; Fang Lin; Li Jingxiang; Zhou Xin; Luo Yadan; Gou Caiyun; Wang Junyi; Wang Jian; Yang Huanming; Wang Jun	NATURE GENETICS	2013
85%	45	53	8	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%	50	59	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	MOLECULAR PLANT	2016

					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		
84%	65	77	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; Chen Mingxiao; Yao Qiong; Zhou Qiang; Zhang Wenqing	JOURNAL OF INSECT PHYSIOLOGY	2015
84%	53	63	10	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
83%	50	60	10	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
83%	122	147	25	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
82%	14	17	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
82%	14	17	3	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
82%	23	28	5	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
82%	27	33	6	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
82%	36	44	8	The WRKY Transcription Factor Family in Model Plants and Crops	Chen Fei; Hu Yue; Vannozzi	CRITICAL REVIEWS IN	2017

					Alessandro; Wu Kangcheng; Cai Hanyang; Qin Yuan; Mullis Alison; Lin Zhenguo; Zhang Liangsheng	PLANT SCIENCES	
82%	89	109	20	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
81%	39	48	9	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
80%	4	5	1	The Features and Regulation of Co-transcriptional Splicing in Arabidopsis	Zhu Danling; Mao Fei; Tian Yuanchun; Lin Xiaoya; Gu Lianfeng; Gu Hongya; Qu Li-Jia; Wu Yufeng; Wu Zhe	MOLECULAR PLANT	2020
80%	4	5	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
80%	4	5	1	Polar recruitment of RLD by LAZY1-like protein during gravity signaling in root branch angle control	Furutani Masahiko; Hirano Yoshinori; Nishimura Takeshi; Nakamura Moritaka; Taniguchi Masatoshi; Suzuki Kanako; Oshida Ryuichiro; Kondo Chiemi; Sun Song; Kato Kagayaki; Fukao Yoichiro; Hakoshima Toshio; Morita Miyo Terao	NATURE COMMUNICATIONS	2020
80%	4	5	1	Magnesium Fertilization Improves Crop Yield in Most Production Systems: A Meta-Analysis	Wang Zheng; ul Hassan Mahmood; Nadeem Faisal; Wu Liangquan; Zhang Fusuo; Li Xuexian	FRONTIERS IN PLANT SCIENCE	2020
80%	4	5	1	Biochar addition to forest plantation soil enhances phosphorus availability and soil bacterial community diversity	Zhou Chuifan; Heal Kate; Tigabu Mulualem; Xia Lidan; Hu Huaying; Yin Danyang; Ma Xiangqing	FOREST ECOLOGY AND MANAGEMENT	2020
80%	4	5	1	Age-Stage, two-sex life table: an introduction to theory, data analysis, and application	Chi Hsin; You Minsheng; Atlihan Remzi; Smith Cecil L.; Kavousi Aurang; Ozgokce Mehmet Salih; Guncan Ali; Tuan Shu-Jen; Fu Jian-wei; Xu	ENTOMOLOGIA GENERALIS	2020

					Yong-Yu; Zheng Fang-Qiang; Ye Bao-Hua; Chu Dong; Yu Yi; Gharekhani Gholamhossein; Saska Pavel; Gotoh Tetsuo; Ines Schneider Marcela; Bussaman Prapassorn; Gokce Ayhan; Liu Tong-Xian		
80%	47	59	12	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
80%	35	44	9	The <i>Kalanchoe</i> 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 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.; Albion Rebecca; Garcia Travis; Mayer Jesse A.; Lim Sung Don; Wai Ching Man; Peluso Paul; Van Buren Robert; De Paoli Henrique Cestari; Borland Anne M.; Guo Hong; Chen Jin-Gui; Muchero Wellington; Yin Yanbin; Jacobson Daniel A.; Tschaplinski Timothy J.; Hettich Robert L.; Ming Ray; Winter Klaus; Leebens-Mack James H.; Smith J. Andrew C.; Cushman John C.; Schmutz Jeremy;	NATURE COMMUNICATIONS	2017

					Tuskan Gerald A.		
79%	64	81	17	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications	Shu Zhaogang; Wan Jiafu; Zhang Daqiang; Li Di	MOBILE NETWORKS & APPLICATIONS	2016
79%	11	14	3	Overexpression of rice aquaporin OsPIP1;2 improves yield by enhancing mesophyll CO ₂ 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
79%	11	14	3	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
79%	11	14	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
79%	22	28	6	Phosphatidic Acid Counteracts S-RNase Signaling in Pollen by Stabilizing the Actin Cytoskeleton	Chen Jianqing; Wang Peng; de Graaf Barend H. J.; Zhang Hao; Jiao Huijun; Tang Chao; Zhang Shaoling; Wu Juyou	PLANT CELL	2018
79%	22	28	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
78%	61	78	17	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
78%	67	86	19	Allele-defined genome of the autopolyploid sugarcane <i>Saccharum spontaneum</i> L.	Zhang Jisen; Zhang Xingtian; Tang Haibao; Zhang Qing; Hua Xiuting; Ma Xiaokai; Zhu Fan; Jones Tyler; Zhu Xinguang; Bowers John; Wai Ching Man; Zheng Chunfang; Shil Yan; Chen Shuai; Xu Xiuming; Yue Jingjing; Nelsons David R.;	NATURE GENETICS	2018

					Huang Lixian; Li Zhen; Xu Huimin; Zhou Dong; Wang Yongjun; Hu Weichang; Lin Jishan; Deng Youjin; Pandey Neha; Mancini Melina; Zerpá Dessiree; Nguyen Julie K.; Wang Liming; Yu Liang; Xin Yinghui; Ge Liangfa; Arro Jie; Han Jennifer O.; Chakrabarty Setu; Pushko Marija; Zhang Wenping; Ma Yanhong; Ma Panpan; Lv Mingju;		
78%	14	18	4	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
78%	14	18	4	Chlorogenic acid and caffeic acid from <i>Sonchus oleraceus</i> Linn synergistically attenuate insulin resistance and modulate glucose uptake in HepG2 cells	Chen Lei; Teng Hui; Cao Hui	FOOD AND CHEMICAL TOXICOLOGY	2019
77%	24	31	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
77%	24	31	7	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
77%	17	22	5	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
77%	37	48	11	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
77%	37	48	11	A new remote sensing index for assessing the spatial heterogeneity in urban ecological quality: A case from Fuzhou City, China	Hu Xisheng; Xu Hanqiu	ECOLOGICAL INDICATORS	2018

76%	13	17	4	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
76%	13	17	4	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
76%	45	59	14	Improving crop nutrient efficiency through root architecture modifications	Li Xinxin; Zeng Rensen; Liao Hong	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2016
76%	48	63	15	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
76%	48	63	15	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
76%	19	25	6	Hyperthermophilic composting significantly decreases N ₂ O emissions by regulating N ₂ O-related functional genes	Cui Peng; Chen Zhi; Zhao Qian; Yu Zhen; Yi Zhigang; Liao Hanpeng; Zhou Shungui	BIORESOURCE TECHNOLOGY	2019
76%	38	50	12	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%	40	53	13	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
75%	40	53	13	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.; Wratten Stephen D.; You Min-Sheng; Desneux Nicolas	BIOLOGICAL REVIEWS	2018
75%	58	77	19	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
75%	70	93	23	The brassinosteroid signaling network - a paradigm of signal integration	Wang Wenfei; Bai Ming-Yi; Wang Zhi-Yong	CURRENT OPINION IN PLANT BIOLOGY	2014

75%	6	8	2	Synergies between the microwave reactor and CaO/zeolite catalyst in waste lard biodiesel production	Lawan Ibrahim; Garba Zahraddeen N.; Zhou Weiming; Zhang Mingxin; Yuan Zhanhui	RENEWABLE ENERGY	2020
75%	9	12	3	Efficient Robust Model Fitting for Multistructure Data Using Global Greedy Search	Lai Taotao; Chen Riqing; Yang Changcai; Li Qiming; Fujita Hamido; Sadri Alireza; Wang Hanzi	IEEE TRANSACTIONS ON CYBERNETICS	2020
75%	33	44	11	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
75%	33	44	11	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
75%	33	44	11	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
75%	36	48	12	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
74%	70	94	24	Efficient Capture and Effective Sensing of Cr2O7 ²⁻ from Water Using a Zirconium Metal Organic Framework	Lin Zu-Jin; Zheng He-Qi; Zheng Huan-Yu; Lin Li-Ping; Xin Qin; Cao Rong	INORGANIC CHEMISTRY	2017
74%	23	31	8	Zr-Based Metal-Organic Frameworks with Intrinsic Peroxidase-Like Activity for Ultradeep Oxidative Desulfurization: Mechanism of H ₂ O ₂ Decomposition	Zheng He-Qi; Zeng Yong-Nian; Chen Jin; Lin Rong-Guang; Zhuang Wan-E; Cao Rong; Lin Zu-Jin	INORGANIC CHEMISTRY	2019
74%	56	76	20	N-doped mesoporous TiO ₂ 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
73%	160	219	59	Review of research on Dendrobium, a prized folk medicine	Ng Tzi Bun; Liu Jingyi; Wong Jack Ho; Ye Xiujian; Sze Stephen Cho Wing; Tong Yao;	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2012

					Zhang Kalin Yanbo		
73%	35	48	13	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
73%	24	33	9	The Herbicide Glyphosate Negatively Affects Midgut Bacterial Communities and Survival of Honey Bee during Larvae Reared in Vitro	Dai Pingli; Yan Zhenxiong; Ma Shilong; Yang Yang; Wang Qiang; Hou Chunsheng; Wu Yanyan; Liu Yongjun; Diao Qingyun	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2018
73%	56	77	21	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 Naweel I.; Zhou BO	NEW PHYTOLOGIST	2015
72%	13	18	5	Hypoglycemic activity and gut microbiota regulation of a novel polysaccharide from Grifola frondosa in type 2 diabetic mice	Chen Yuqing; Liu Dan; Wang Dingyi; Lai Shanshan; Zhong Ruting; Liu Yuanyuan; Yang Chengfeng; Liu Bin; Sarker Moklesur Rahman; Zhao Chao	FOOD AND CHEMICAL TOXICOLOGY	2019
72%	67	93	26	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

注：InCites 数据库论文被引频次截止时间为 2020 年 8 月 31 日，ESI 高被引论文阈值数据截止时间为 2020 年 8 月 31 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 59 篇论文的高被引潜力值大于 80%，这其中有 37 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 11 月