

### 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 2011 年至今发表的 7000 余篇 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%	167	144	0	Landscape simplification filters species traits and drives biotic homogenization	Gamez-Virues Sagrario; Perovic David J.; Gossner Martin M.; Boerschling 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
98%	101	103	2	Integrated Syntenic and Phylogenomic Analyses Reveal an Ancient Genome Duplication in Monocots	Jiao Yuannian; Li Jingping; Tang Haibao; Paterson Andrew H.	PLANT CELL	2014
98%	45	46	1	Application of propyl gallate alleviates pericarp browning in harvested longan fruit by modulating metabolisms of respiration and energy	Lin Yifen; Lin Yixiong; Lin Hetong; Chen Yihui; Wang Hui; Shi John	FOOD CHEMISTRY	2018
97%	99	102	3	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
95%	52	55	3	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	
93%	51	55	4	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%	60	65	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
92%	57	62	5	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
92%	34	37	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
91%	21	23	2	Assembly of allele-aware, chromosomal-scale autopolyploid genomes based on Hi-C data	Zhang Xingtang; Zhang Shengcheng; Zhao Qian; Ming Ray; Tang Haibao	NATURE PLANTS	2019
91%	42	46	4	Origin and spatial distribution of heavy metals and carcinogenic risk assessment in mining areas at You'xi County southeast China	Lu Jian; Jiao Wen-Bin; Qiu Haiyuan; Chen Ben; Huang Xiaoxia; Kang Bin	GEODERMA	2018
91%	42	46	4	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
91%	83	91	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
90%	38	42	4	Structures and operating principles of the replisome	Gao Yang; Cui Yanxiang; Fox Tara; Lin Shiqiang; Wang Huaibin; de Val Natalia; Zhou Z. Hong; Yang Wei	SCIENCE	2019
89%	34	38	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	FRONTIERS IN PLANT SCIENCE	2018

					Liangsheng		
89%	24	27	3	Polysaccharide peptides from <i>Ganoderma lucidum</i> 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
89%	79	89	10	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
88%	87	99	12	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; Zeng Si-Jin; Shen Ching-Yu; Yeh Chuan-Ming; Luo Yi-Bo; Tsai Wen-Chieh; Van de Peer Yves; Liu Zhong-Jian	NATURE	2017
87%	40	46	6	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
87%	53	61	8	Rb2 inhibits alpha-glucosidase and regulates glucose metabolism by activating AMPK pathways in HepG2 cells	Teng Hui; Chen Lei; Fang Ting; Yuan Benyao; Lin Qiyang	JOURNAL OF FUNCTIONAL FOODS	2017
87%	33	38	5	BRASSINOSTEROID-SIGNALING KINASE1 Phosphorylates MAPKKK5 to Regulate Immunity in <i>Arabidopsis</i>	Yan Haojie; Zhao Yaofei; Shi Hua; Li Juan; Wang Yingchun; Tang Dingzhong	PLANT PHYSIOLOGY	2018
86%	57	66	9	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
86%	98	114	16	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%	60	70	10	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
85%	64	75	11	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
85%	23	27	4	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
85%	23	27	4	Antidiabetic Potential of Green Seaweed Enteromorpha prolifera Flavonoids Regulating Insulin Signaling Pathway and Gut Microbiota in Type 2 Diabetic Mice	Yan Xin; Yang Chengfeng; Lin Guopeng; Chen Yuqing; Miao Song; Liu Bin; Zhao Chao	JOURNAL OF FOOD SCIENCE	2019
85%	205	241	36	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
85%	292	344	52	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	NATURE GENETICS	2013

					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		
85%	56	66	10	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
85%	39	46	7	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
85%	39	46	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
84%	75	89	14	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 Wenqing	JOURNAL OF INSECT PHYSIOLOGY	2015
84%	32	38	6	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
83%	99	119	20	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	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED	2013

					Christopher R.; Schuster Martin; Chen Jisheng; Wang Zonghua; Talbot Nicholas J.	STATES OF AMERICA	
83%	58	70	12	Rice Reoviruses in Insect Vectors	Wei Taiyun; Li Yi	ANNUAL REVIEW OF PHYTOPATHOLOGY, VOL 54	2016
83%	19	23	4	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
83%	19	23	4	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
83%	19	23	4	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
83%	38	46	8	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
82%	45	55	10	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
82%	40	49	9	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
81%	22	27	5	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
81%	74	91	17	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%	134	165	31	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	CELL HOST & MICROBE	2014

					Guoshun; Chen Ji-Long		
81%	58	72	14	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
81%	95	118	23	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.; Huang Lixian; Li Zhen; Xu Huimin; Zhou Dong; Wang Yongjun; Hu Weichang; Lin Jishan; Deng Youjin; Pandey Neha; Mancini Melina; Zepa 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; Chen Faming; Zheng Guangyong;	NATURE GENETICS	2018
80%	39	49	10	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; Wang Ai-Jun	ELECTROCHIMICA ACTA	2019
79%	94	119	25	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
79%	30	38	8	RNA-directed DNA methylation involves co-transcriptional small-RNA-guided slicing of polymerase V transcripts in <i>Arabidopsis</i>	Liu Wanlu; Duttke Sascha H.; Hetzel Jonathan; Groth Martin; Feng Suhua; Gallego-Bartolome Javier; Zhong Zhenhui; Kuo Hsuan Yu; Wang	NATURE PLANTS	2018

					Zonghua; Zhai Jixian; Chory Joanne; Jacobsen Steven E.		
78%	18	23	5	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
78%	43	55	12	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; Deebe Farah; Ali Iftikhar; Zhu Shui Jin	PLANT PHYSIOLOGY AND BIOCHEMISTRY	2017
78%	21	27	6	Recent trends and applications of cellulose nanocrystals in food industry	Mu Ruojun; Hong Xin; Ni Yongsheng; Li Yuanzhao; Pang Jie; Wang Qi; Xiao Jianbo; Zheng Yafeng	TRENDS IN FOOD SCIENCE & TECHNOLOGY	2019
78%	21	27	6	Monascus yellow, red and orange pigments from red yeast rice ameliorate lipid metabolic disorders and gut microbiota dysbiosis in Wistar rats fed on a high- fat diet	Zhou Wenbin; Guo Rui; Guo Weiling; Hong Jiali; Li Lu; Ni Li; Sun Jinyuan; Liu Bin; Rao Pingfan; Lv Xucong	FOOD & FUNCTION	2019
78%	21	27	6	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
78%	63	81	18	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
77%	88	114	26	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
77%	54	70	16	Improving crop nutrient efficiency through root architecture modifications	Li Xinxin; Zeng Rensen; Liao Hong	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2016
76%	29	38	9	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
76%	37	49	12	Melatonin Mediates Enhancement of Stress Tolerance in Plants	Debnath Biswojit; Islam Waqar; Li Min; Sun Yueting; Lu Xiaocao; Mitra Sangeeta; Hussain Mubasher; Liu	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2019



					Shuang; Qiu Dongliang		
75%	61	81	20	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
75%	75	100	25	Metal Resistance and Its Association With Antibiotic Resistance	Pal Chandan; Asiani Karishma; Arya Sankalp; Rensing Christopher; Stekel Dov J.; Larsson D. G. Joakim; Hobman Jon L.	MICROBIOLOGY OF METAL IONS	2017
75%	84	112	28	Efficient Capture and Effective Sensing of Cr2O7 <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; Cao Rong	INORGANIC CHEMISTRY	2017
75%	41	55	14	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
74%	52	70	18	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
74%	49	66	17	Fungal Endophytes: Beyond Herbivore Management	Bamisile Bamisope S.; Dash Chandra K.; Akutse Komivi S.; Keppanan Ravindran; Wang Liande	FRONTIERS IN MICROBIOLOGY	2018
74%	17	23	6	Transgenerational hormetic effects of sublethal dose of flupyradifurone on the green peach aphid, <i>Myzus persicae</i> (Sulzer) (Hemiptera: Aphididae)	Tang Qiuling; Ma Kangsheng; Chi Hsin; Hou Youming; Gao Xiwu	PLOS ONE	2019
74%	17	23	6	Salicylic acid-mediated plasmodesmal closure via Remorin-dependent lipid organization	Huang Dingquan; Sun Yanbiao; Ma Zhiming; Ke Meiyu; Cui Yong; Chen Zichen; Chen Chaofan; Ji Changyang; Tuan Minh Tran; Yang Liang; Lam Sin Man; Han Yanhong; Shu Guanghou; Friml Jiri; Miao	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2019

					Yansong; Jiang Liwen; Chen XU		
74%	17	23	6	CsBRC1 inhibits axillary bud outgrowth by directly repressing the auxin efflux carrier CsPIN3 in cucumber	Shen Junjun; Zhang Yaqi; Ge Danfeng; Wang Zhongyi; Song Weiyuan; Gu Ran; Che Gen; Cheng Zhihua; Liu Renyi; Zhang Xiaolan	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2019
74%	45	61	16	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
74%	28	38	10	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
73%	172	235	63	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; Zhang Kalin Yanbo	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2012
73%	75	103	28	The brassinosteroid signaling network - a paradigm of signal integration	Wang Wenfei; Bai Ming-Yi; Wang Zhi-Yong	CURRENT OPINION IN PLANT BIOLOGY	2014
73%	8	11	3	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
73%	40	55	15	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 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;	NATURE COMMUNICATIONS	2017

					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; Tuskan Gerald A.		
73%	48	66	18	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
73%	66	91	25	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
72%	47	65	18	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
71%	64	90	26	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
71%	27	38	11	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
71%	27	38	11	Aluminum effects on photosynthesis, reactive oxygen species and methylglyoxal detoxification in two Citrus species differing in aluminum tolerance	Guo Peng; Qi Yi-Ping; Cai Yan-Tong; Yang Tao-Yu; Yang Lin-Tong; Huang Zeng-Rong; Chen Li-Song	TREE PHYSIOLOGY	2018
71%	22	31	9	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

71%	67	95	28	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications	Shu Zhaogang; Wan Jiafu; Zhang Daqiang; Li DI	MOBILE NETWORKS & APPLICATIONS	2016
70%	50	71	21	eWOM source credibility, perceived risk and food product customer's information adoption	Hussain Safdar; Ahmed Wasim; Jafar Rana Muhammad Sohail; Rabnawaz Ambar; Yang Jianzhou	COMPUTERS IN HUMAN BEHAVIOR	2017
70%	19	27	8	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
70%	19	27	8	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
70%	19	27	8	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
70%	57	81	24	An Ultra-Robust and Crystalline Redeemable Hydrogen-Bonded Organic Framework for Synergistic Chemo-Photodynamic Therapy	Yin Qi; Zhao Peng; Sa Rong-Jian; Chen Guang-Cun; Lu Jian; Liu Tian-Fu; Cao Rong	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2018
70%	72	103	31	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
70%	62	89	27	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
70%	16	23	7	The Cotton Apoplastic Protein CRR1 Stabilizes Chitinase 28 to Facilitate Defense against the Fungal Pathogen Verticillium dahliae	Han Li-Bo; Li Yuan-Bao; Wang Fu-Xin; Wang Wen-Yan; Liu Jun; Wu Jia-He; Zhong Nai-Qin; Wu Shen-Jie; Jiao Gai-Li; Wang Hai-Yun; Xia Gui-Xian	PLANT CELL	2019
70%	16	23	7	Roles of root cell wall components and root plaques in regulating elemental uptake in rice subjected to selenite and different speciation of antimony	Liu Yang; Lv Haiqin; Yang Nan; Li Yuanping; Liu BiXiu; Rensing Christopher; Dai JiaXin; Ben Fekih Ibtissem; Wang Lizhen; Mazhar Sohaib H.; Kehinde Suleiman Bello; Xu JunQiang;	ENVIRONMENTAL AND EXPERIMENTAL BOTANY	2019

					Su Junming; Zhang Ruirui; Wang Renjie; Fan Zhilian; Feng Renwei		
70%	16	23	7	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
69%	38	55	17	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
69%	11	16	5	Intelligent gelatin/oxidized chitin nanocrystals nanocomposite films containing black rice bran anthocyanins for fish freshness monitorings	Ge Yujun; Li Yuan; Bai Yan; Yuan Chunhong; Wu Chunhua; Hu Yaqin	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2020
69%	11	16	5	Benzothiazole derivatives as anticancer agents	Irfan Ali; Batool Fozia; Naqvi Syeda Andleeb Zahra; Islam Amjad; Osman Sameh M.; Nocentini Alessio; Alissa Siham A.; Supuran Claudiu T.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2020
68%	26	38	12	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
68%	26	38	12	Interlinked regulatory loops of ABA catabolism and biosynthesis coordinate fruit growth and ripening in woodland strawberry	Liao Xiong; Li Mengsi; Liu Bin; Yan Miaoling; Yu Xiaomin; Zi Hailing; Liu Renyi; Yamamuro Chizuko	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018
68%	49	72	23	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
68%	98	145	47	Nonlinear analysis of concrete-filled square stainless steel stub columns under axial compression	Tao Zhong; Uy Brian; Liao Fei-Yu; Han Lin-Hai	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH	2011

注：InCites 数据库论文被引频次截止时间为 2021 年 1 月 31 日，ESI 高被引论文阈值数据截止时间为 2021 年 2 月 28 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 48 篇论文的高被引潜力值大于 80%，这其中有 22 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。

2021 年 5 月