

南昌大学 ESI 学科分析系列报告 之三

基于 ESI 的南昌大学高水平论文现状 报 告



发展规划与学科建设处

2016 年 1 月 15 日

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一、ESI 高水平论文简介

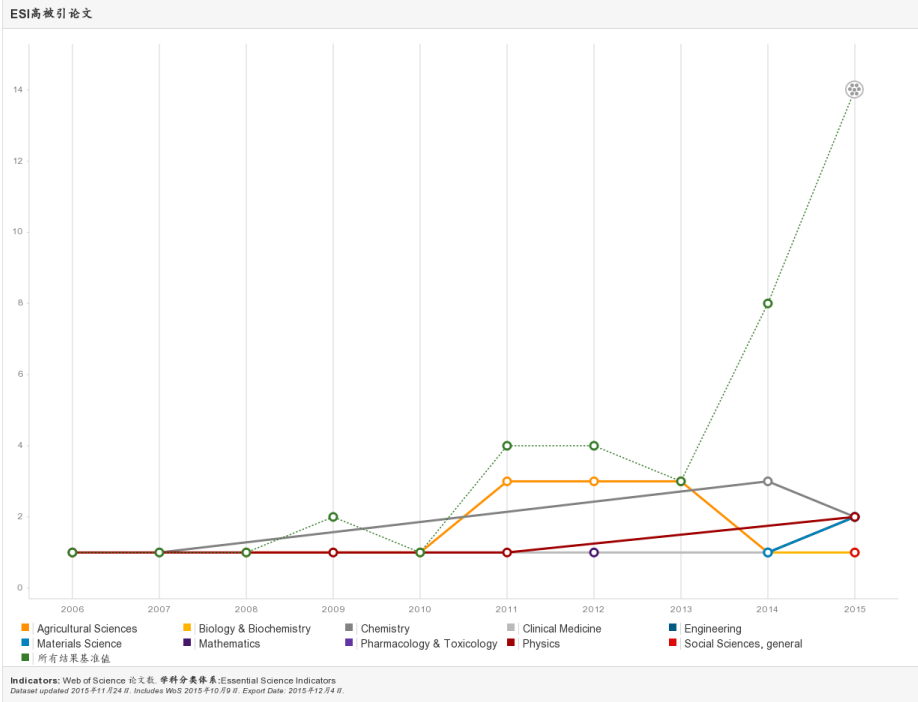
ESI 高水平论文 (Top Paper)，是高被引论文 (Highly Cited Paper) 和热点论文 (Hot Paper) 取并集后的论文集合。高被引论文，是指按照同一年、同一个 ESI 学科发表论文的被引频次按照由高到低进行排序，排在前 1% 的论文。热点论文，是某一 ESI 学科最近两年发表的论文中，在最近两个月里被引频次排在前 1% 的论文。

二、南昌大学 ESI 高水平论文情况

1. 数量变化情况

根据 ESI 数据库 2015 年 11 月 14 日最新数据显示，我校目前共有 39 篇论文进入 ESI 高水平论文行列，高被引论文 39 篇、热点论文 0 篇，较上一次统计数据 (2015 年 9 月) 增加 3 篇 (高被引论文增加 4 篇、热点论文减少 1 篇)。其中，有 23 篇论文属于 ESI 统计的全球研究前沿领域，占比 60%，较上一次统计数据增加 4 篇。

论文趋势图。从论文发表年分布图上看，我校近两年发表的 ESI 高水平论文数量明显呈上升趋势，39 篇高水平论文中，2014 年发表的论文数为 8 篇，2015 年发表的论文数为 14 篇。



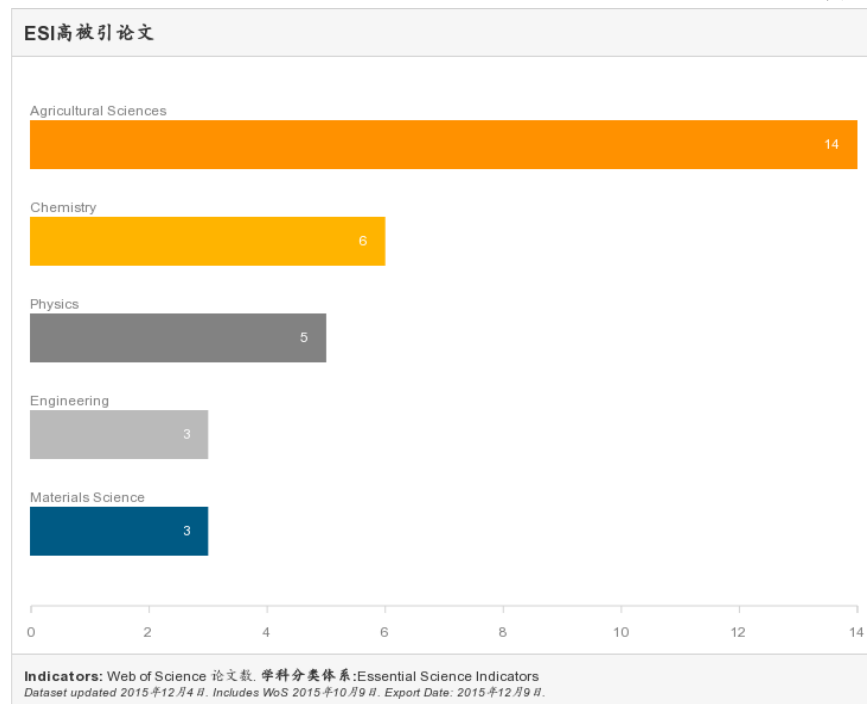
本次新增高水平论文。就具体论文看，有 4 篇 2015 年 9 月入选的高水平论文，在本次统计中滚动出了高水平论文行列，本次新增的高水平论文为周创兵、陈义旺、邓泽元、李越湘、梁汝萍、张小勇、刘洋等作者发表的 7 篇论文。具体如下表所示：

序号	题目	作者
1	Copula-based approaches for evaluating slope reliability under incomplete probability information	Tang, Xiao-Song; Li, Dian-Qing; 周创兵; Phoon, Kok-Kwang

序号	题目	作者
2	Photocatalytic hydrogen evolution over Erythrosin B-sensitized graphitic carbon nitride with in situ grown molybdenum sulfide cocatalyst	徐俊英; 李越湘; 彭绍琴
3	Phenolic profiles of 20 Canadian lentil cultivars and their contribution to antioxidant activity and inhibitory effects on alpha-glucosidase and pancreatic lipase	张兵; 邓泽元; Ramdath, D. Dan; Tang, Yao; Chen, Peter X.; Liu, Ronghua; Liu, Qiang; Tsao, Rong
4	First description of NDM-1-, KPC-2-, VIM-2-and IMP-4-producing Klebsiella pneumoniae strains in a single Chinese teaching hospital	刘洋.; 万腊根.; 邓琼.; 曹先伟.; 余阳.; Xu, Q. -F.
5	Polymeric AIE-based nanoprobe for biomedical applications: recent advances and perspectives	张小勇; Wang, Ke; 刘美英; Zhang, Xiqi; Tao, Lei; 陈义旺; Wei, Yen
6	One-pot synthesis of GO/AgNPs/luminol composites with electrochemiluminescence activity for sensitive detection of DNA methyltransferase activity	赵慧芳; 梁汝萍; 汪敬武; 邱建丁
7	Fabrication of cross-linked fluorescent polymer nanoparticles and their cell imaging applications	Wang, Ke; 张小勇; Zhang, Xiqi; Yang, Bin; Li, Zhen; Zhang, Qingsong; Huang, Zengfang; Wei, Yen

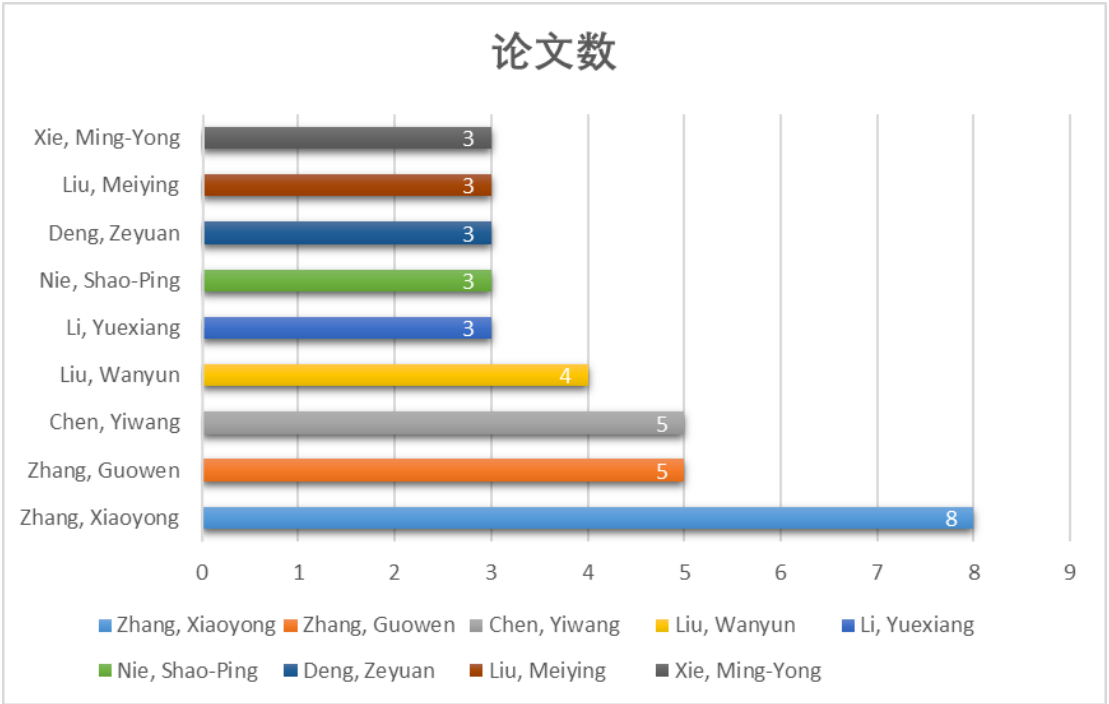
2. 覆盖学科情况

39 篇高水平论文共涉及包括社会科学总论在内的 10 个 ESI 学科，按照各学科高水平论文数量由高到低排列，前五个学科依次是农业科学（含食品）（14 篇）、化学（6 篇）、物理学（5 篇）、工程学（3 篇）和材料科学（3 篇）。

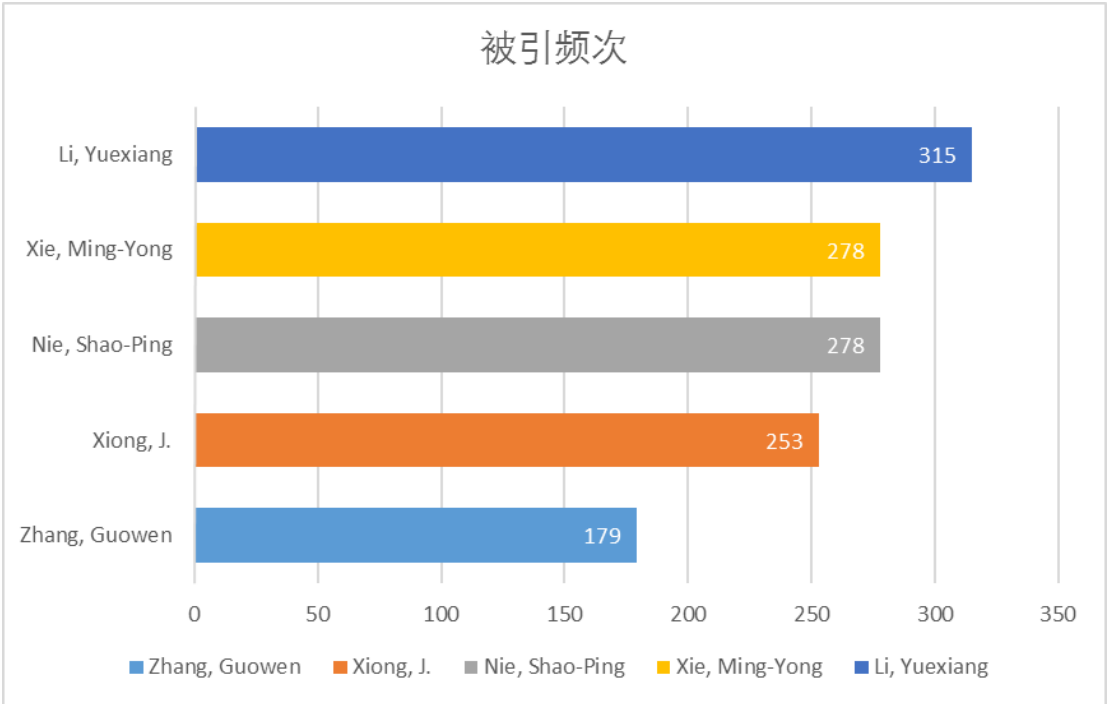


3. 作者贡献情况

本校作者发表高水平论文数量。39 篇高水平论文共涉及我校作者 71 人，拥有 3 篇以上高水平论文的作者共有 9 位，分别是谢明勇、刘美英、邓泽元、聂少平、李越湘、刘万云（博士已毕业）、陈义旺、张国文和张小勇。以上 9 位作者共发表 ESI 高水平论文 17 篇。

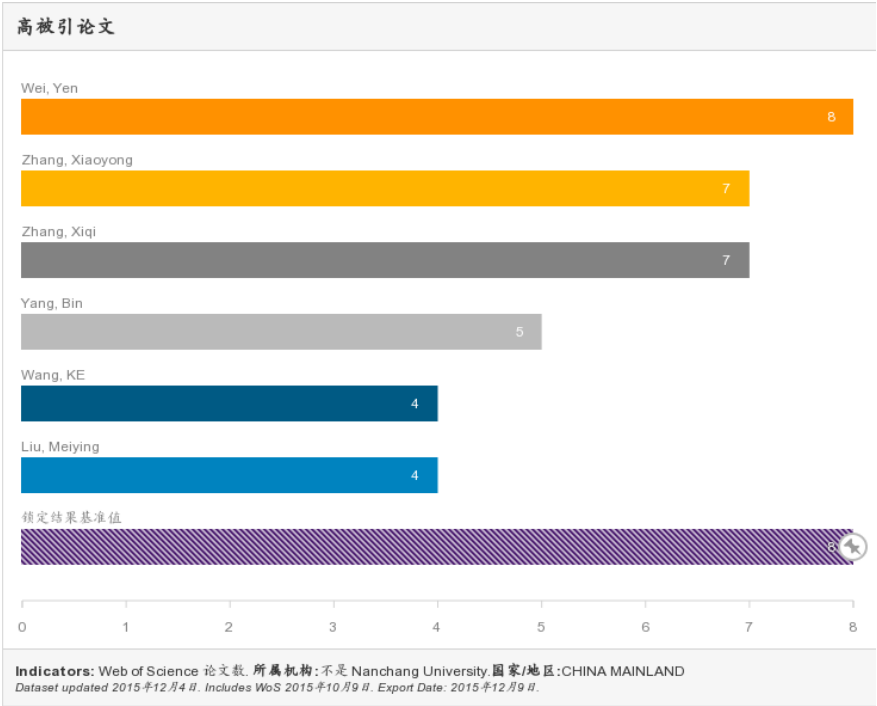


本校作者发表高水平论文被引频次。在被引频次方面，我校 71 位作者所发论文按照被引频次从高到低排列，排在前 5 位的作者分别是：李越湘（被引频次 315 次）、谢明勇（被引频次 278 次）、聂少平（被引频次 278 次）、熊建萍（被引频次 253 次）和张国文（被引频次 179 次）。



国内合作作者。39 篇高水平论文共涉及国内其他机构作者 39 人，按照发表

论文数量由高到低排列，排在前 6 位的作者分别是，Wei, Yen（8 篇）、Zhang, Xiaoyong（7 篇）、Zhang, Xiqi（7 篇）、Yang, Bin（5 篇）、Wang, KE（4 篇）和 Liu, Meiying（4 篇）。以上 6 位作者共发表 ESI 高水平论文 8 篇。除 Liu, Meiying 来自中国科学院外，其他五名作者均来自清华大学。

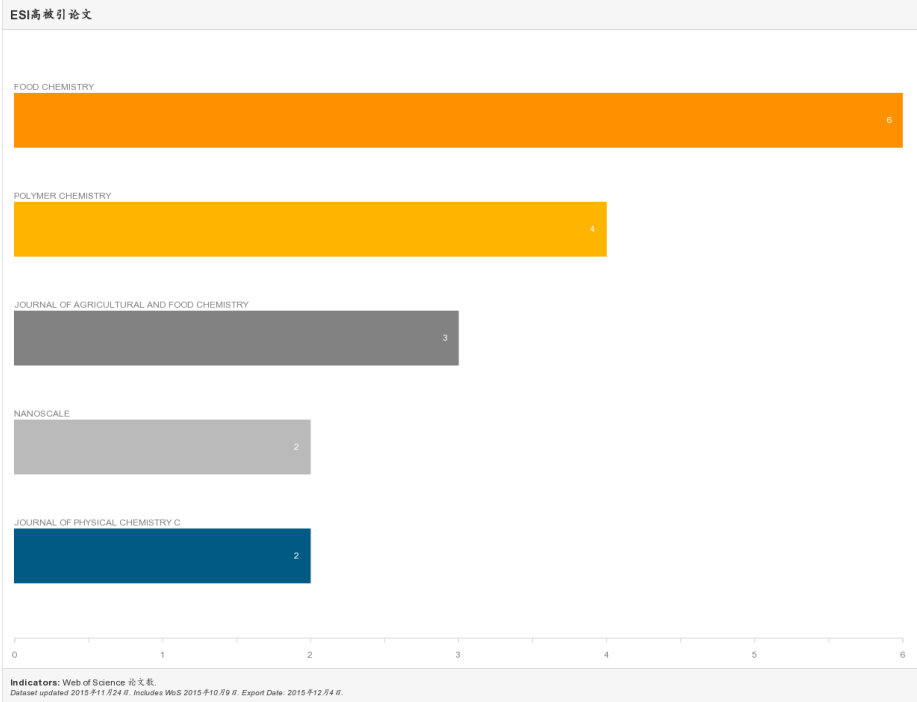


国际合作作者。39 篇高水平论文共有 66 名国外作者参与合作，其中来自加拿大农业食品部（Agriculture & Agri Food Canada）的 Liu, Ronghua 和 Tsao, Rong 论文数量最多，与我校作者共同合作完成 4 篇 ESI 高被引论文。

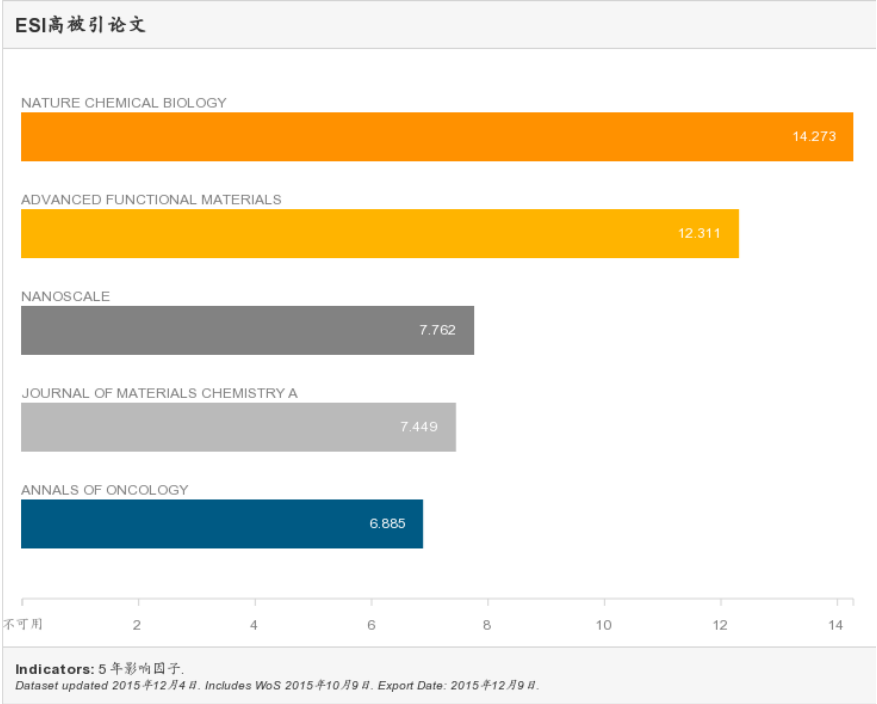


4. 发文杂志情况

发文杂志分布。39 篇高水平论文分别发表于 27 种不同的杂志。从发表论文数量看,排在前 5 名的杂志分别是《FOOD CHEMISTRY》(6 篇)、《POLYMER CHEMISTRY》(4 篇)、《JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY》(3 篇)、《NANOSCALE》(2 篇)和《JOURNAL OF PHYSICAL CHEMISTRY C》(2 篇)。

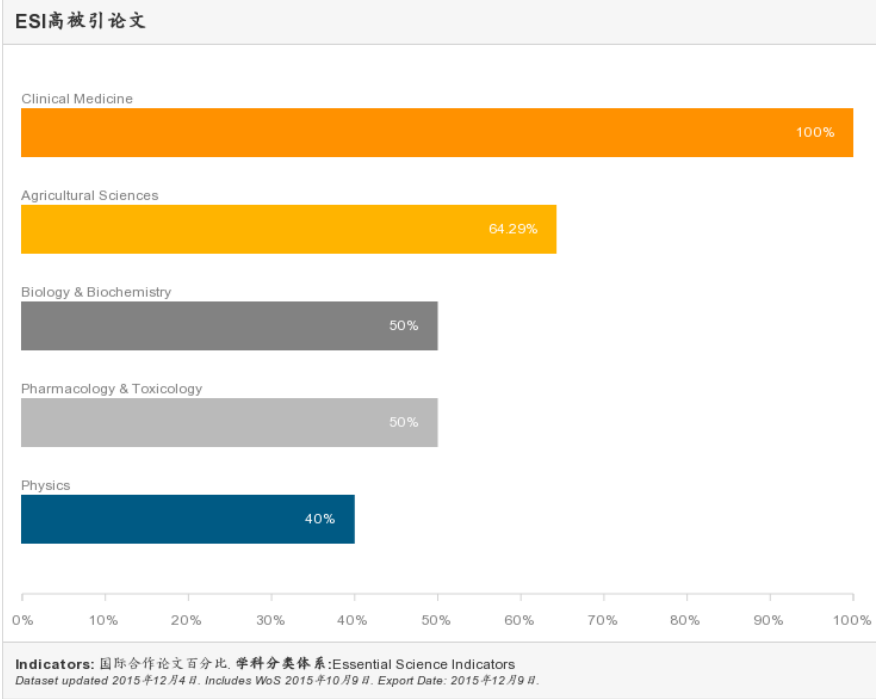


发文杂志 5 年影响因子。27 种杂志中 5 年影响因子最高的是《NATURE CHEMICAL BIOLOGY》，为 14.273；最低的是《OPTICS AND LASER TECHNOLOGY》，为 1.54；排在前 5 名的杂志依次是《NATURE CHEMICAL BIOLOGY》、《ADVANCED FUNCTIONAL MATERIALS》(12.311)、《NANOSCALE》(7.762)、《JOURNAL OF MATERIALS CHEMISTRY A》(7.7449)和《ANNALS OF ONCOLOGY》(6.885)。

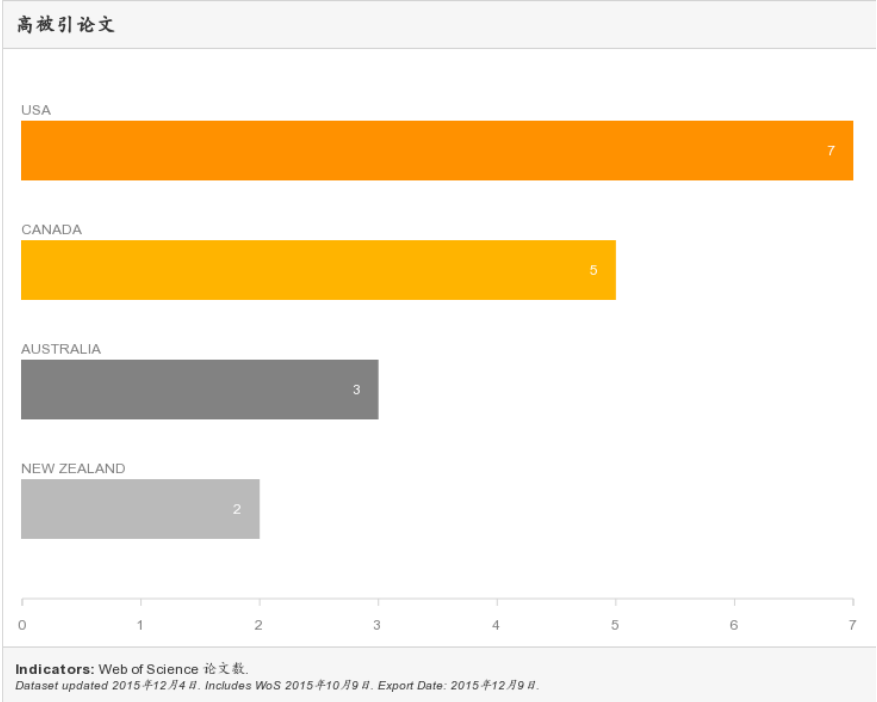


5. 国际合作情况

国际合作论文数量。39 篇高水平论文中有 17 篇论文属于国际合作论文，占比 43.59%。按照各学科国际合作论文百分比由高到低排列，排在前 5 名的学科依次是：临床医学 100%（2 篇国际合作论文）、农业科学（含食品）65.29%（9 篇国际合作论文）、生物学与生物化学 50%（1 篇国际合作论文）、药理学与毒理学 50%（1 篇国际合作论文）和物理学 40%（2 篇国际合作论文）。

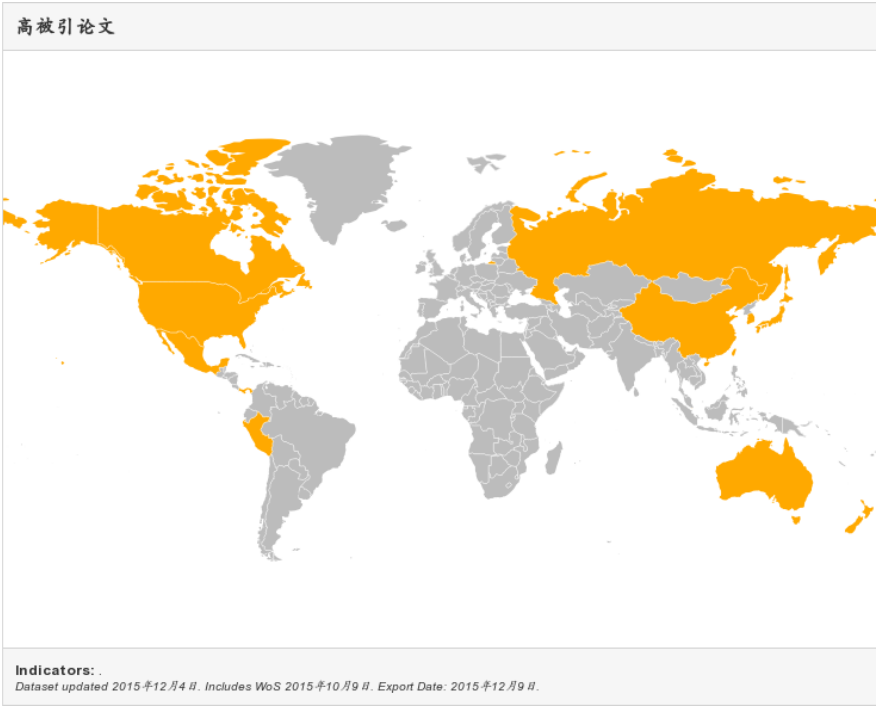


国际合作区域。17 篇国际合作论文共涉及 12 个国家和地区，其中有 4 个国家和地区的合作论文超过了 2 篇，分别是美国 7 篇、加拿大 5 篇、澳大利亚 3 篇和新西兰 2 篇，其它 8 个国家和地区均为 1 篇。

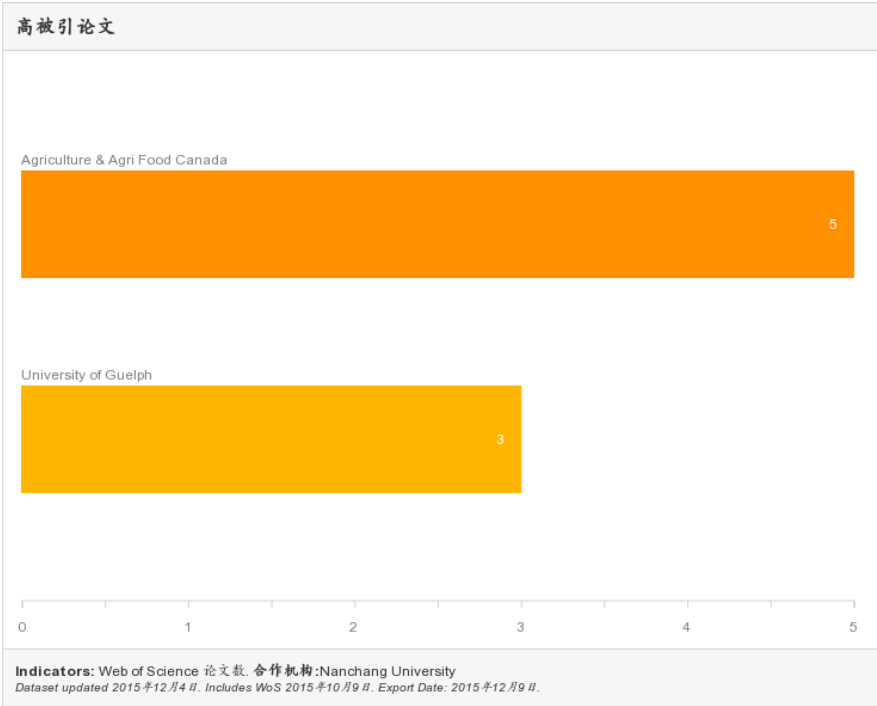


国际合作机构。17 篇国际合作论文共涉及 12 个国家和地区的 30 所高校或

科研院所，按照机构数量由高到低排列，前 4 个国家依次是：美国（16 所机构）、韩国（6 所机构）、澳大利亚（3 所机构）和加拿大（2 所机构）。

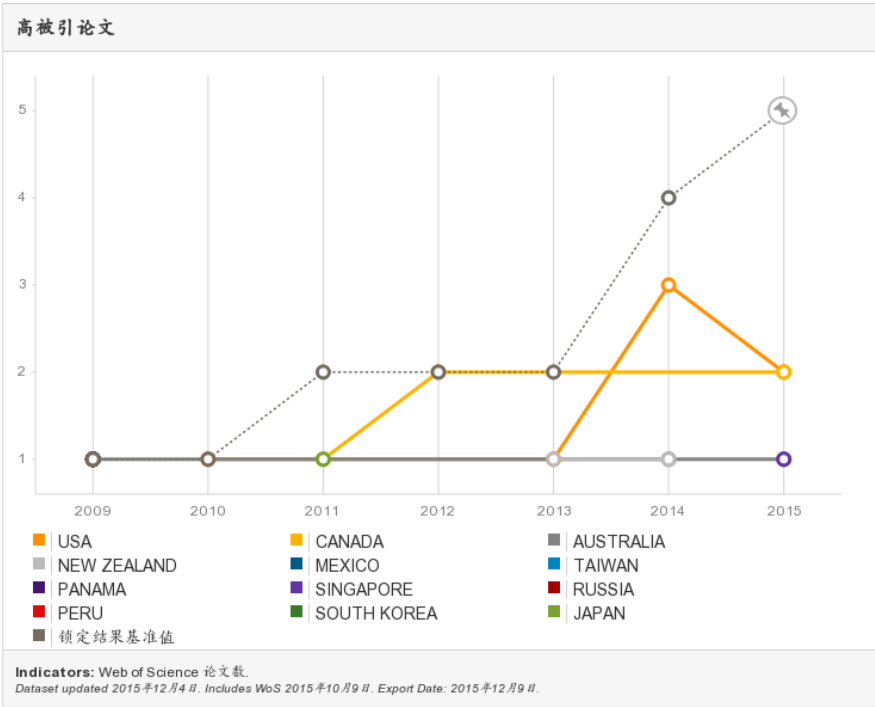


国际合作机构论文数量。我校与加拿大农业食品部（Agriculture & Agri Food Canada）、圭尔夫大学（University of Guelph）的合作论文数量分别是 5 篇和 3 篇，其在 30 所机构中排在第一、二位。



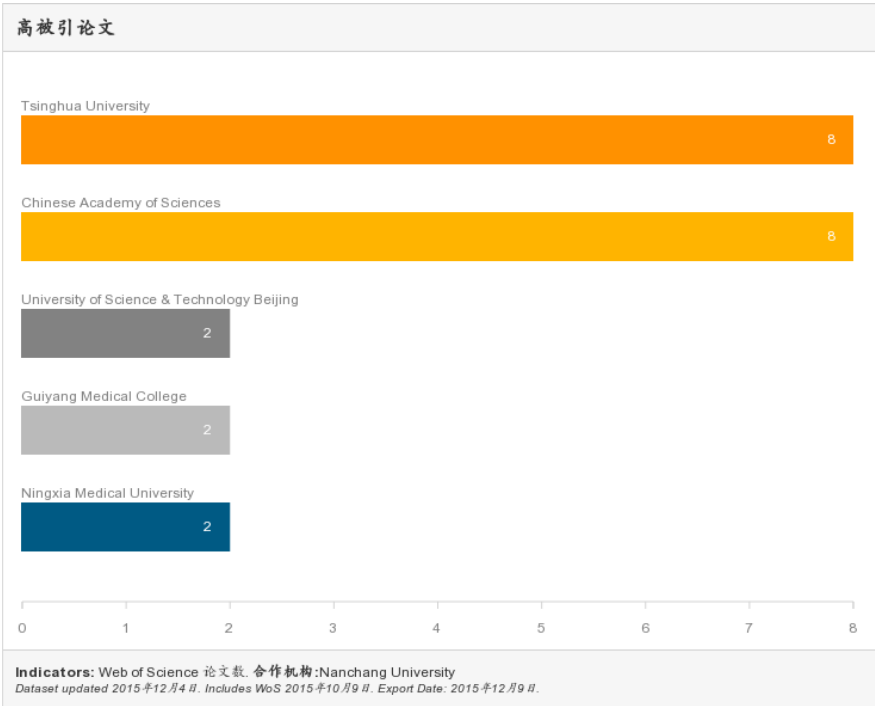
国际合作论文趋势。通过趋势图可以明显地看出，国际合作论文数量呈明显

上升趋势，特别是 2013 年以后，上升速度明显增快，2013-2015 年共有 11 篇国际合作论文，占全部国际合作论文的 64.7%，占 2013-2015 年发表的高水平论文的 44%。



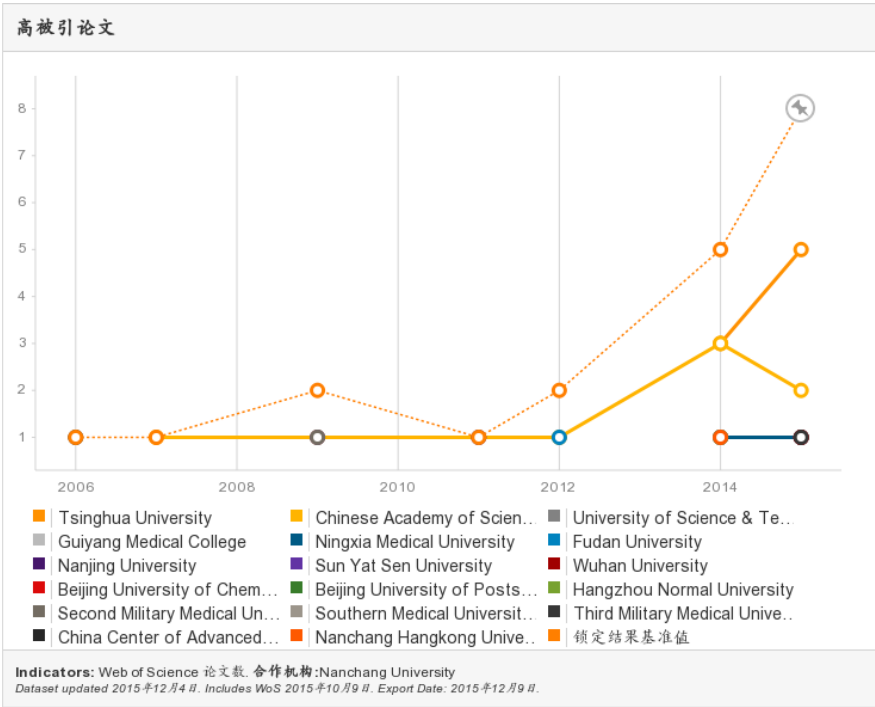
6. 国内合作情况

国内合作机构论文数量。在 39 篇高水平论文中，有 20 篇论文是与 17 所国内高校或科研院所合作完成的。按照合作论文数量由高到低排列，排在前 5 位的依次是清华大学（8 篇合作论文）、中国科学院（8 篇合作论文）、北京科技大学（2 篇合作论文）、贵阳医科大学（2 篇合作论文）和宁夏医科大学（2 篇合作论文）。



国内合作论文趋势。通过趋势图可以明显的看出，国内机构合作论文数量呈

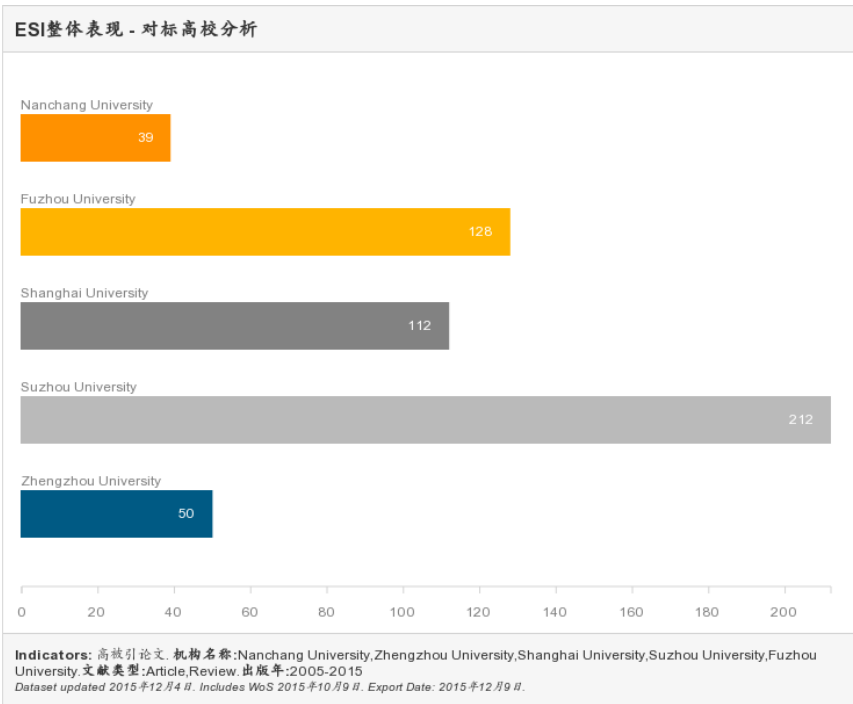
明显的上升趋势，特别是 2013 年以后，上升速度明显增快，2013-2015 年共有 13 篇国内机构合作论文，占全部国内机构合作论文的 65%，占 2013-2015 年发表的高水平论文的 52%。



三、与对标高校对比情况

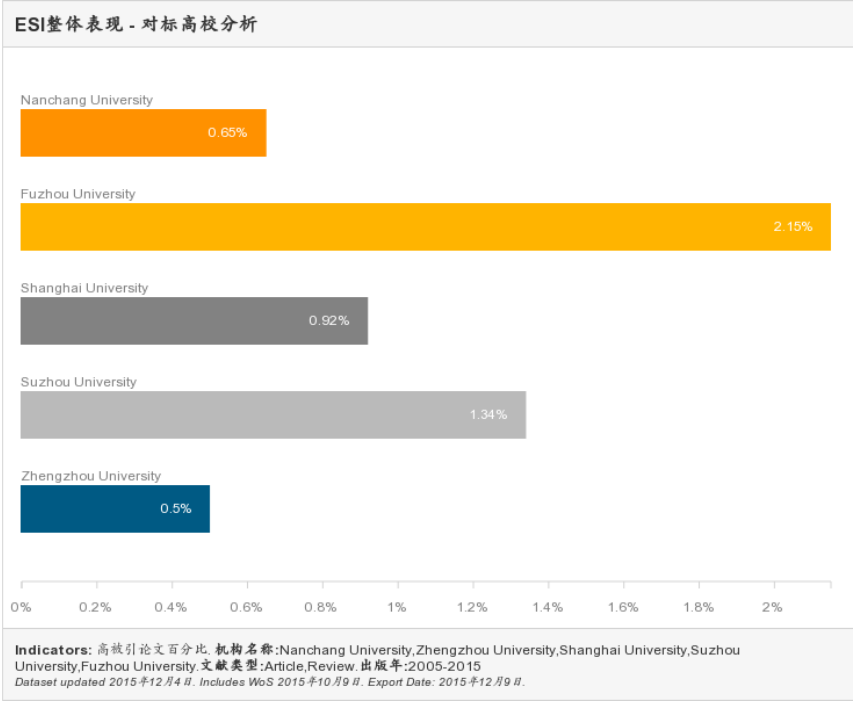
依然选取苏州大学、上海大学、郑州大学和福州大学为对标高校，进行比较。

ESI 高被引论文数量。苏州大学高被引论文数最多，为 212 篇，在 5 所高校中领先优势明显；福州大学和上海大学位于中间位置，分别是 128 篇和 112 篇；郑州大学和我校排名靠后，分别为 50 篇和 39 篇。



ESI 高被引论文百分比。由于 5 所高校 Web of Science 论文数量存在较大

差异，所以高被引论文百分比排名与绝对数量排名存在较大差异。百分比由高到低一次为：福州大学（2.15%）、苏州大学（1.34%）、上海大学（0.92%）、南昌大学（0.65%）和郑州大学（0.5%）。



四、小结

建设一流学科，特别是世界一流学科，必须要强化国际交流与合作，有效利用国际资源。从某种意义上讲，通过强化国际合作，充分合理地利用国际资源，是建设世界一流学科的必要途径与手段。

目前，我校 39 篇 ESI 高水平论文中，属于国际合作论文的有 17 篇，与国内机构合作的论文有 20 篇，完全由本校作者完成的非合作论文为 9 篇，占比不足 25%；被引频次排在前 5 位的论文中，有 4 篇属于合作论文。这与当前学科建设中强调国际、国内合作的趋势相一致。

当前，与 4 所对标高校相比，我校高水平论文的绝对数量和相对比例都处于落后水平。今后，应不断加深国际交流与合作，建立双赢的合作关系，提高高质量合作成果产量，为推进世界一流学科建设提供有力支撑。

附表

- 1. 《我校 ESI 高水平论文基本情况汇总表（20151114）》
- 2. 《学科分布情况一览表》
- 3. 《本校作者一览表》
- 4. 《国内机构合作作者一览表》
- 5. 《国际合作作者一览表》
- 6. 《发表期刊一览表》
- 7. 《国际合作区域一览表》
- 8. 《国际合作机构一览表》
- 9. 《国内合作机构一览表》

附表 1

我校 ESI 高水平论文基本情况汇总表（20151114）

序号	论文标题	作者	来源	出版年	被引频次	JNCI	CNCI	IF	ESI 学科分类	国际合作论文	国内机构合作论文	学科前沿
1	Purification, composition analysis and antioxidant activity of a polysaccharide from the fruiting bodies of Ganoderma atrum	Chen, YI; Xie, Ming-Yong; Nie, Shao-Ping; Li, Chang; Wang, Yuan-xing	FOOD CHEMISTRY	2008	197	6.99	16.6	3.39	农业科学	否	否	是
2	Abundance of SSR Motifs and Development of Candidate Polymorphic SSR Markers (BARCSOYSSR_1.0) in Soybean T.	Song, Qijian; Jia, Gaofeng; Zhu, Youlin; Grant, David; Nelson, Rex T.	CROP SCIENCE	2010	84	9.95	9.87	1.58	农业科学	是	否	是
3	A review on the isolation and structure of tea polysaccharides and their bioactivities	Nie, Shao-Ping; Xie, Ming-Yong	FOOD HYDROCOLLOIDS	2011	55	0.88	2.86	4.09	农业科学	是	否	是
4	Optimized ultrasonic-assisted extraction of flavonoids from Prunella vulgaris L. and evaluation of antioxidant activities in vitro	Zhang, Guowen; He, Li; Hu, Mingming	INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES	2011	53	4.97	8.09	3.27	农业科学	否	否	是
5	Molecular Spectroscopic Studies of Farrerol Interaction with Calf Thymus DNA	Zhang, Guowen; Fu, Peng; Wang, Lin; Hu, Mingming	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2011	47	3.94	7.17	2.91	农业科学	否	否	是
6	Highly pigmented vegetables: Anthocyanin compositions and their role in antioxidant activities	Li, Hongyan; Deng, Zeyuan; Zhu, Honghui; Hu, Chanli; Liu, Ronghua	FOOD RESEARCH INTERNATIONAL	2012	42	5.36	8.8	2.82	农业科学	是	否	是
7	Microwave-assisted extraction of phenolics with maximal antioxidant activities in tomatoes	Li, Hongyan; Deng, Zeyuan; Wu, Tao; Liu, Ronghua; Loewen, Steven	FOOD CHEMISTRY	2012	42	4.32	8.8	3.39	农业科学	是	是	是
8	Probing the Binding of the Flavonoid Diosmetin to Human Serum Albumin by Multispectroscopic Techniques	Zhang, Guowen; Wang, Lin; Pan, Junhui	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2012	42	4.82	8.8	2.91	农业科学	否	否	是
9	Mechanistic and conformational studies on the interaction of food dye amaranth with human serum albumin by multispectroscopic methods	Zhang, Guowen; Ma, Yadi	FOOD CHEMISTRY	2013	26	4.02	8.8	3.39	农业科学	否	否	是
10	Purification, physicochemical characterisation and anticancer activity of a polysaccharide from Cyclocarya paliurus leaves	Xie, Jian-Hua; Liu, Xin; Shen, Ming-Yue; Nie, Shao-Ping; Zhang, Hui	FOOD CHEMISTRY	2013	26	4.02	8.8	3.39	农业科学	是	否	否
11	Development of an immunochromatographic assay for rapid and quantitative detection of clenbuterol in swine urine	Li, Chaohui; Luo, Wei; Xu, Hengyi; Zhang, Qin; Xu, Hong	FOOD CONTROL	2013	20	3.68	6.77	2.81	农业科学	是	否	否
12	Binding Characteristics of Sodium Saccharin with Calf Thymus DNA in Vitro	Zhang, Guowen; Wang, Langhong; Zhou, Xiaoyue; Li, YU; Gong, Deming	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	2014	11	6.3	8.94	2.91	农业科学	是	否	否
13	Characterisation of phenolics, betanins and antioxidant activities in seeds of three Chenopodium quinoa Willd. genotypes	Tang, Yao; Li, Xihong; Zhang, Bing; Chen, Peter X.; Liu, Ronghua	FOOD CHEMISTRY	2015	8	11.3	37.39	3.39	农业科学	是	否	否
14	Phenolic profiles of 20 Canadian lentil cultivars and	Zhang, Bing; Deng, Zeyuan;	FOOD CHEMISTRY	2015	5	7.07	23.37	3.39	农业科学	否	否	否

序号	论文标题	作者	来源	出版年	被引频次	JNCI	CNCI	IF	ESI 学科分类	国际合作论文	国内机构合作论文	学科前沿
	their contribution to antioxidant activity and inhibitory effects on alpha-glucosidase and pancreatic lipase	Ramdath, D. Dan; Tang, Yao; Chen, Peter X.										
15	5.1% Apparent quantum efficiency for stable hydrogen generation over eosin-sensitized CuO/TiO ₂ photocatalyst under visible light irradiation	Jin, Zhiliang; Zhang, Xiaojie; Li, Yuexiang; Li, Shuben; Lu, Gongxuan	CATALYSIS COMMUNICATIONS	2007	182	7.27	9.82	3.7	化学	否	是	否
16	Polymerizable aggregation-induced emission dye-based fluorescent nanoparticles for cell imaging applications	Zhang, Xiaoyong; Zhang, Xiqi; Yang, Bin; Liu, Meiying; Liu, Wanyun	POLYMER CHEMISTRY	2014	41	7.72	14.9	5.52	化学	否	是	是
17	Fabrication of aggregation induced emission dye-based fluorescent organic nanoparticles via emulsion polymerization and their cell imaging applications	Zhang, Xiaoyong; Zhang, Xiqi; Yang, Bin; Liu, Meiying; Liu, Wanyun	POLYMER CHEMISTRY	2014	39	7.34	14.17	5.52	化学	否	是	是
18	PEGylation and cell imaging applications of AIE based fluorescent organic nanoparticles via ring-opening reaction	Zhang, Xiaoyong; Zhang, Xiqi; Yang, Bin; Hui, Junfeng; Liu, Meiying	POLYMER CHEMISTRY	2014	26	4.9	9.45	5.52	化学	否	是	是
19	Surface modification of carbon nanotubes by combination of mussel inspired chemistry and SET-LRP	Wan, Qing; Liu, Meiying; Tian, Jianwen; Deng, Fengjie; Zeng, Guangjian	POLYMER CHEMISTRY	2015	11	13.55	24.85	5.52	化学	否	是	是
20	One-pot synthesis of GO/AgNPs/luminol composites with electrochemiluminescence activity for sensitive detection of DNA methyltransferase activity	Zhao, Hui-Fang; Liang, Ru-Ping; Wang, Jing-Wu; Qiu, Jian-Ding	BIOSENSORS & BIOELECTRONICS	2015	9	7.57	20.33	6.41	化学	否	否	否
21	Interacting dark energy, holographic principle, and coincidence problem	Hu, Bo; Ling, Yi	PHYSICAL REVIEW D	2006	149	4.98	8.22	4.64	物理学	否	是	否
22	Synthesis of CdS Nanorods by an Ethylenediamine Assisted Hydrothermal Method for Photocatalytic Hydrogen Evolution	Li, Yuexiang; Hu, Yuanfang; Peng, Shaoqin; Lu, Gongxuan; Li, Shuben	JOURNAL OF PHYSICAL CHEMISTRY C	2009	128	4.22	8.93	4.77	物理学	否	是	否
23	Controllable Deposition of Platinum Nanoparticles on Graphene As an Electrocatalyst for Direct Methanol Fuel Cells	Qiu, Jian-Ding; Wang, Guo-Chong; Liang, Ru-Ping; Xia, Xing-Hua; Yu, Hong-Wen	JOURNAL OF PHYSICAL CHEMISTRY C	2011	154	7.53	15.24	4.77	物理学	是	是	否
24	Size dependent biodistribution and toxicokinetics of iron oxide magnetic nanoparticles in mice	Yang, Lin; Kuang, Huijuan; Zhang, Wanyi; Aguilar, Zoraida P.; Xiong, Yonghua	NANOSCALE	2015	7	9.25	18.72	7.39	物理学	是	否	否
25	Polymeric AIE-based nanoprobes for biomedical applications: recent advances and perspectives	Zhang, Xiaoyong; Wang, KE; Liu, Meiying; Zhang, Xiqi; Tao, Lei	NANOSCALE	2015	5	2.2	4.51	7.39	物理学	否	是	否
26	Novel image compression-encryption hybrid algorithm based on key-controlled measurement matrix in compressive sensing	Zhou, Nanrun; Zhang, Aidi; Zheng, Fen; Gong, Lihua	OPTICS AND LASER TECHNOLOGY	2014	14	7.31	10.6	1.65	工程学	否	是	是
27	Copula-based approaches for evaluating slope reliability under incomplete probability information	Tang, Xiao-Song; Li, Dian-Qing; Zhou, Chuang-Bing; Phoon,	STRUCTURAL SAFETY	2015	8	14.07	37.28	1.68	工程学	是	是	是

序号	论文标题	作者	来源	出版年	被引频次	JNCI	CNCI	IF	ESI 学科分类	国际合作论文	国内机构合作论文	学科前沿
		Kok-Kwang										
28	Photocatalytic hydrogen evolution over Erythrosin B-sensitized graphitic carbon nitride with in situ grown molybdenum sulfide cocatalyst	Xu, Junying; Li, Yuexiang; Peng, Shaoqin	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2015	5	16.76	23.3	3.31	工程学	否	否	否
29	Fabrication of cross-linked fluorescent polymer nanoparticles and their cell imaging applications	Wang, KE; Zhang, Xiaoyong; Zhang, Xiqi; Yang, Bin; Li, Zhen	JOURNAL OF MATERIALS CHEMISTRY C	2015	5	7.81	13.55	4.7	材料科学	否	是	是
30	Highly Efficient Inverted Organic Solar Cells Through Material and Interfacial Engineering of Indacenodithieno[3,2-b]thiophene-Based Polymers and Devices	Intemann, Jeremy J.; Yao, Kai; Li, Yong-Xi; Yip, Hin-Lap; Xu, Yun-Xiang	ADVANCED FUNCTIONAL MATERIALS	2014	27	2.97	11.07	11.81	材料科学	是	否	否
31	Highly sensitive and selective detection of 2,4,6-trinitrophenol using covalent-organic polymer luminescent probes	Sang, Nannan; Zhan, Chuanxing; Cao, Dapeng	JOURNAL OF MATERIALS CHEMISTRY A	2015	7	7.63	18.97	7.44	材料科学	否	是	否
32	A selective USP1-UAF1 inhibitor links deubiquitination to DNA damage responses	Liang, Qin; Dexheimer, Thomas S.; Zhang, Ping; Rosenthal, Andrew S.; Villamil, Mark A.	NATURE CHEMICAL BIOLOGY	2014	23	2.13	9.82	13	生物学与生物化学	是	否	是
33	One-pot preparation of cross-linked amphiphilic fluorescent polymer based on aggregation induced emission dyes	Wang, KE; Zhang, Xiaoyong; Zhang, Xiqi; Yang, Bin; Li, Zhen	COLLOIDS AND SURFACES B-BIOINTERFACES	2015	5	14.36	14.19	4.15	生物学与生物化学	否	是	是
34	Capecitabine/cisplatin versus 5-fluorouracil/cisplatin as first-line therapy in patients with advanced gastric cancer: a randomised phase III noninferiority trial	Kang, Y. -K.; Kang, W. -K.; Shin, D. -B.; Chen, J.; Xiong, J.	ANNALS OF ONCOLOGY	2009	253	7.22	15.78	7.04	临床医学	是	是	是
35	Plumbagin induces apoptotic and autophagic cell death through inhibition of the PI3K/Akt/mTOR pathway in human non-small cell lung cancer cells	Li, Yan-Cong; He, Shu-Ming; He, Zhi-Xu; Li, Minghua; Yang, Yinxue	CANCER LETTERS	2014	26	7.19	13.9	5.62	临床医学	是	是	是
36	Interaction of tannic acid with carbon nanotubes: enhancement of dispersibility and biocompatibility	Zhang, Xiaoyong; Liu, Meiyang; Zhang, Xiqi; Deng, Fengjie; Zhou, Cuiying	TOXICOLOGY RESEARCH	2015	10	31.76	39.75	3.98	药理学与毒理学	是	是	是
37	Alisertib, an Aurora kinase A inhibitor, induces apoptosis and autophagy but inhibits epithelial to mesenchymal transition in human epithelial ovarian cancer cells	Ding, Yong-Hui; Zhou, Zhi-wei; Ha, Chun-Fang; Zhang, Xue-Yu; Pan, Shu-Ting	DRUG DESIGN DEVELOPMENT AND THERAPY	2015	4	25.5	15.9	3.03	药理学与毒理学	是	是	是
38	Abstract fractional Cauchy problems with almost sectorial operators	Wang, Rong-Nian; Chen, De-Han; Xiao, Ti-Jun	JOURNAL OF DIFFERENTIAL EQUATIONS	2012	46	8.04	18.09	1.68	数学	否	是	是
39	First description of NDM-1-, KPC-2-, VIM-2-and IMP-4-producing Klebsiella pneumoniae strains in a single Chinese teaching hospital	Liu, Y.; Wan, L. -G.; Deng, Q.; Cao, X. -W.; Yu, Y.	EPIDEMIOLOGY AND INFECTION	2015	3	10.39	14.14	2.54	社会科学总论	否	否	否

附表 2

学科分布情况一览表

序号	名称	论文数	国际合作论文	国际合作论文百分比
1	Agricultural Sciences	14	9	64.29
2	Chemistry	6	0	0
3	Physics	5	2	40
4	Engineering	3	1	33.33
5	Materials Science	3	1	33.33
6	Biology & Biochemistry	2	1	50
7	Clinical Medicine	2	2	100
8	Pharmacology & Toxicology	2	1	50
9	Mathematics	1	0	0
10	Social Sciences, general	1	0	0

附表 3

本校作者一览表

序号	名称	论文数	被引频次	引文影响力
1	Zhang, Xiaoyong	8	142	17.75
2	Zhang, Guowen	5	179	35.8
3	Chen, Yiwang	5	138	27.6
4	Liu, Wanyun	4	116	29
5	Li, Yuexiang	3	315	105
6	Nie, Shao-Ping	3	278	92.67
7	Xie, Ming-Yong	3	278	92.67
8	Deng, Zeyuan	3	89	29.67
9	Liu, Meiying	3	26	8.67
10	Liang, Ru-Ping	2	163	81.5
11	Qiu, Jian-Ding	2	163	81.5
12	Peng, Shaoqin	2	133	66.5
13	Hu, Mingming	2	100	50
14	Wang, Lin	2	89	44.5
15	Li, Hongyan	2	84	42
16	Qiu, Jia-Xuan	2	30	15
17	Lai, Weihua	2	27	13.5
18	Wei, Hua	2	27	13.5
19	Xiong, Yonghua	2	27	13.5
20	Xu, Hengyi	2	27	13.5
21	Deng, Fengjie	2	21	10.5
22	Zhang, Bing	2	13	6.5
23	Xiong, J.	1	253	253
24	Wang, Guo-Chong	1	154	154
25	Hu, Yuanfang	1	128	128
26	Zhu, Youlin	1	84	84
27	He, Li	1	53	53
28	Fu, Peng	1	47	47
29	Chen, De-Han	1	46	46
30	Wang, Rong-Nian	1	46	46
31	Pan, Junhui	1	42	42
32	Yao, Kai	1	27	27
33	Gong, De-Ming	1	26	26
34	Li, Chang	1	26	26

序号	名称	论文数	被引频次	引文影响力
35	Liu, Xin	1	26	26
36	Ma, Yadi	1	26	26
37	Shen, Ming-Yue	1	26	26
38	Xie, Jian-Hua	1	26	26
39	Zhang, Hui	1	26	26
40	Zhang, Qiuting	1	23	23
41	Li, Chaohui	1	20	20
42	Luo, Wei	1	20	20
43	Gong, Lihua	1	14	14
44	Zhang, Aidi	1	14	14
45	Zheng, Fen	1	14	14
46	Zhou, Nanrun	1	14	14
47	Li, YU	1	11	11
48	Tian, Jianwen	1	11	11
49	Wan, Qing	1	11	11
50	Wang, Langhong	1	11	11
51	Zeng, Guangjian	1	11	11
52	Zhou, Xiaoyue	1	11	11
53	Hui, Junfeng	1	10	10
54	Wei, Yen	1	10	10
55	Zhang, Xiqi	1	10	10
56	Zhou, Cuiying	1	10	10
57	Wang, Jing-Wu	1	9	9
58	Zhao, Hui-Fang	1	9	9
59	Zhou, Chuang-Bing	1	8	8
60	Kuang, Huijuan	1	7	7
61	Yang, Lin	1	7	7
62	Zhan, Chuanxing	1	7	7
63	Zhang, Wanyi	1	7	7
64	Xu, Junying	1	5	5
65	Pan, Shu-Ting	1	4	4
66	Cao, X. -W.	1	3	3
67	Deng, Q.	1	3	3
68	Liu, Y.	1	3	3
69	Wan, L. -G.	1	3	3
70	Xu, Q. -F.	1	3	3
71	Yu, Y.	1	3	3

附表 4

国内机构合作作者一览表

序号	名称	所属机构	论文数	被引频次	引文影响力
1	Wei, Yen	Tsinghua University	8	142	17.75
2	Zhang, Xiaoyong	Tsinghua University	7	131	18.71
3	Zhang, Xiqi	Tsinghua University	7	131	18.71
4	Yang, Bin	Tsinghua University	5	116	23.2
5	Liu, Meiyong	Chinese Academy of Sciences	4	116	29
6	Wang, KE	Tsinghua University	4	26	6.5
7	Zhang, Qingsong	Tsinghua University	3	21	7
8	Li, Zhen	Tsinghua University	3	21	7
9	Li, Shuben	Chinese Academy of Sciences	2	310	155
10	Lu, Gongxuan	Chinese Academy of Sciences	2	310	155
11	Hui, Junfeng	Tsinghua University	2	36	18
12	Zhang, Xueji	University of Science & Technology Beijing	2	30	15
13	Zhou, Shu-Feng	Guiyang Medical College	2	30	15
14	He, Zhi-Xu	Guiyang Medical College	2	30	15
15	Huang, Zengfang	Tsinghua University	2	10	5
16	Guan, Z.	Sun Yat Sen University	1	253	253
17	Wang, J.	Second Military Medical University	1	253	253
18	Xia, Xing-Hua	Nanjing University	1	154	154
19	Xiao, Ti-Jun	Fudan University	1	46	46
20	Wu, Tao	Chinese Academy of Sciences	1	42	42
21	Pang, Jian-xin	Southern Medical University - China	1	26	26
22	Liu, Jun-Ping	Hangzhou Normal University	1	26	26
23	Yang, Yinxue	Ningxia Medical University	1	26	26
24	Gong, Lihua	Nanchang Hangkong University	1	14	14
25	Zhou, Nanrun	Beijing University of Posts & Telecommunications	1	14	14
26	Li, Dian-Qing	Wuhan University	1	8	8

序号	名称	所属机构	论文数	被引 频次	引文影 响力
27	Tang, Xiao-Song	Wuhan University	1	8	8
28	Zhou, Chuang-Bing	Wuhan University	1	8	8
29	Sang, Nannan	Beijing University of Chemical Technology	1	7	7
30	Sang, Nannan	Chinese Academy of Sciences	1	7	7
31	Cao, Dapeng	Beijing University of Chemical Technology	1	7	7
32	Cao, Dapeng	Chinese Academy of Sciences	1	7	7
33	Tao, Lei	Tsinghua University	1	5	5
34	Wang, Dong	Third Military Medical University	1	4	4
35	Zhang, Xue-Yu	Ningxia Medical University	1	4	4
36	Zhou, Zhi-wei	Guiyang Medical College	1	4	4
37	Yang, Yin-xue	Ningxia Medical University	1	4	4
38	Ding, Yong-Hui	Ningxia Medical University	1	4	4
39	Ha, Chun-Fang	Ningxia Medical University	1	4	4

附表 5

国际合作作者一览表

序号	名称	所属机构	论文数	被引 频次	引文影 响力
1	Liu, Ronghua	Agriculture & Agri Food Canada	4	97	24.25
2	Tsao, Rong	Agriculture & Agri Food Canada	4	97	24.25
3	Nie, Shao-Ping	Agriculture & Agri Food Canada	2	252	126
4	Li, Hongyan	Agriculture & Agri Food Canada	2	84	42
5	Yang, Tianxin	University of Utah	2	30	15
6	Zhou, Zhi-wei	University of South Florida	2	30	15
7	Zhou, Shu-Feng	University of South Florida	2	30	15
8	Chen, Peter X.	Agriculture & Agri Food Canada	2	13	6.5
9	Chen, Peter X.	University of Guelph	2	13	6.5
10	Zhang, Bing	Agriculture & Agri Food Canada	2	13	6.5
11	Tang, Yao	Agriculture & Agri Food Canada	2	13	6.5
12	Shin, D. -B.	Gachon University	1	253	253
13	Kang, Y. -K.	Asan Medical Center	1	253	253
14	Kang, W. -K.	Samsung Medical Center	1	253	253
15	Yu, Hong-Wen	Hokkaido University	1	154	154
16	Song, Qijian	University of Maryland College Park	1	84	84
17	Song, Qijian	United States Department of Agriculture (USDA)	1	84	84
18	Hwang, Eun-Young	United States Department of Agriculture (USDA)	1	84	84
19	Nelson, Rex T.	United States Department of Agriculture (USDA)	1	84	84
20	Jia, Gaofeng	United States Department of Agriculture (USDA)	1	84	84
21	Cregan, Perry B.	United States Department of Agriculture (USDA)	1	84	84
22	Grant, David	United States Department of Agriculture (USDA)	1	84	84
23	Hyten, David L.	United States Department of Agriculture (USDA)	1	84	84
24	Young, J. Christopher	Agriculture & Agri Food Canada	1	42	42
25	Loewen, Steven	University of Guelph	1	42	42
26	Zhu, Honghui	Agriculture & Agri Food Canada	1	42	42

序号	名称	所属机构	论文数	被引 频次	引文影 响力
27	Hu, Chanli	Agriculture & Agri Food Canada	1	42	42
28	Jen, Alex K. -Y.	University of Washington Seattle	1	27	27
29	Chueh, Chu-Chen	University of Washington Seattle	1	27	27
30	Intemann, Jeremy J.	University of Washington Seattle	1	27	27
31	Ding, Fei-Zhi	University of Washington Seattle	1	27	27
32	Yip, Hin-Lap	University of Washington Seattle	1	27	27
33	Yao, Kai	University of Washington Seattle	1	27	27
34	Xu, Yun-Xiang	University of Washington Seattle	1	27	27
35	Liang, Po-Wei	University of Washington Seattle	1	27	27
36	Li, Xiaosong	University of Washington Seattle	1	27	27
37	Yang, XI	University of Washington Seattle	1	27	27
38	Li, Yong-Xi	University of Washington Seattle	1	27	27
39	Gong, De-Ming	University of Auckland	1	26	26
40	Chow, Kevin	University of South Florida	1	26	26
41	Li, Yan-Cong	University of South Florida	1	26	26
42	Zhou, Qingyu	University of South Florida	1	26	26
43	Li, Minghua	University of South Florida	1	26	26
44	Luci, Diane K.	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
45	Simeonov, Anton	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
46	Villamil, Mark A.	University of Delaware	1	23	23
47	Chen, Junjun	University of Delaware	1	23	23
48	Rosenthal, Andrew S.	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
49	Jadhav, Ajit	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
50	Yuan, Bifeng	University of California Riverside	1	23	23
51	Maloney, David J.	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
52	Xiao, Hui	Albert Einstein College of Medicine	1	23	23
53	Zhuang, Zhihao	University of Delaware	1	23	23
54	Ott, Christine A.	University of Delaware	1	23	23
55	Dexheimer, Thomas S.	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23

序号	名称	所属机构	论文数	被引 频次	引文影 响力
56	Sun, Hongmao	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23
57	Liang, Qin	University of Delaware	1	23	23
58	Wang, Yinsheng	University of California Riverside	1	23	23
59	You, Changjun	University of California Riverside	1	23	23
60	Zhang, Ping	University of Delaware	1	23	23
61	Gong, Deming	University of Auckland	1	11	11
62	Phoon, Kok-Kwang	National University of Singapore	1	8	8
63	Liu, Qiang	Agriculture & Agri Food Canada	1	5	5
64	Ramdath, D. Dan	Agriculture & Agri Food Canada	1	5	5
65	Edelman, Jeffrey L.	University of South Florida	1	4	4
66	Ding, Yong-Hui	University of South Florida	1	4	4

附表 6

发表期刊一览表

序号	名称	论文数	被引 频次	IF5	IF
1	FOOD CHEMISTRY	6	304	3.901	3.391
2	POLYMER CHEMISTRY	4	117	5.723	5.52
3	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	3	100	3.269	2.912
4	NANOSCALE	2	12	7.762	7.394
5	JOURNAL OF PHYSICAL CHEMISTRY C	2	282	5.295	4.772
6	NATURE CHEMICAL BIOLOGY	1	23	14.273	12.996
7	ADVANCED FUNCTIONAL MATERIALS	1	27	12.311	11.805
8	JOURNAL OF MATERIALS CHEMISTRY A	1	7	7.449	7.443
9	ANNALS OF ONCOLOGY	1	253	6.885	7.04
10	BIOSENSORS & BIOELECTRONICS	1	9	6.045	6.409
11	CANCER LETTERS	1	26	4.958	5.621
12	JOURNAL OF MATERIALS CHEMISTRY C	1	5	4.701	4.696
13	FOOD HYDROCOLLOIDS	1	55	4.637	4.09
14	COLLOIDS AND SURFACES B-BIOINTERFACES	1	5	4.4	4.152
15	TOXICOLOGY RESEARCH	1	10	3.983	3.983
16	PHYSICAL REVIEW D	1	149	3.865	4.643
17	CATALYSIS COMMUNICATIONS	1	182	3.704	3.699
18	INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES	1	53	3.699	3.273
19	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	1	5	3.659	3.313
20	FOOD RESEARCH INTERNATIONAL	1	42	3.44	2.818
21	FOOD CONTROL	1	20	3.085	2.806
22	DRUG DESIGN DEVELOPMENT AND THERAPY	1	4	3.033	3.028
23	STRUCTURAL SAFETY	1	8	2.784	1.675
24	EPIDEMIOLOGY AND INFECTION	1	3	2.588	2.535
25	CROP SCIENCE	1	84	1.874	1.575
26	JOURNAL OF DIFFERENTIAL EQUATIONS	1	46	1.846	1.68
27	OPTICS AND LASER TECHNOLOGY	1	14	1.54	1.647

附表 7

国际合作区域一览表

序号	名称	论文数	被引频次	引文影响力
1	USA	7	191	27.29
2	CANADA	5	152	30.4
3	AUSTRALIA	3	283	94.33
4	NEW ZEALAND	2	37	18.5
5	MEXICO	1	253	253
6	TAIWAN	1	253	253
7	PANAMA	1	253	253
8	SINGAPORE	1	8	8
9	RUSSIA	1	253	253
10	PERU	1	253	253
11	SOUTH KOREA	1	253	253
12	JAPAN	1	154	154

附表 8

国际合作机构一览表

序号	名称	论文数	被引频次	引文影响力	国家/地区	机构类型
1	Agriculture & Agri Food Canada	5	152	30.4	CANADA	Government
2	University of Guelph	3	55	18.33	CANADA	Academic
3	University of South Florida	2	30	15	USA	Academic
4	University of Utah	2	30	15	USA	Academic
5	University of Auckland	2	37	18.5	NEW ZEALAND	Academic
6	Deakin University	2	30	15	AUSTRALIA	Academic
7	Florida State University System	2	30	15	USA	Academic System
8	Utah System of Higher Education	2	30	15	USA	Academic System
9	University of Delaware	1	23	23	USA	Academic
10	Yeshiva University	1	23	23	USA	Academic
11	University of Washington Seattle	1	27	27	USA	Academic
12	Hokkaido University	1	154	154	JAPAN	Academic
13	Asan Medical Center	1	253	253	SOUTH KOREA	Health
14	Sungkyunkwan University	1	253	253	SOUTH KOREA	Academic
15	University of Ulsan	1	253	253	SOUTH KOREA	Academic

序号	名称	论文数	被引频次	引文影响力	国家/地区	机构类型
16	Samsung Medical Center	1	253	253	SOUTH KOREA	Health
17	University of California Riverside	1	23	23	USA	Academic
18	University of Maryland College Park	1	84	84	USA	Academic
19	Monash University	1	26	26	AUSTRALIA	Academic
20	University of Melbourne	1	26	26	AUSTRALIA	Academic
21	Gachon University	1	253	253	SOUTH KOREA	Academic
22	National University of Singapore	1	8	8	SINGAPORE	Academic
23	University of Washington	1	27	27	USA	Academic
24	University System of Maryland	1	84	84	USA	Academic System
25	Albert Einstein College of Medicine	1	23	23	USA	Academic
26	NIH National Center for Advancing Translational Sciences (NCATS)	1	23	23	USA	Government
27	Roche Holding	1	253	253	SWITZERLAND	Corporate
28	National Institutes of Health (NIH) - USA	1	23	23	USA	Government
29	University of California System	1	23	23	USA	Academic System
30	United States Department of Agriculture (USDA)	1	84	84	USA	Government

附表 9

国内合作机构一览表

序号	名称	论文数	被引频次	引文影响力	机构类型
1	Tsinghua University	8	142	17.75	Academic
2	Chinese Academy of Sciences	8	475	59.38	Research Institute
3	University of Science & Technology Beijing	2	30	15	Academic
4	Guiyang Medical College	2	30	15	Academic
5	Ningxia Medical University	2	30	15	Academic
6	Fudan University	1	46	46	Academic
7	Nanjing University	1	154	154	Academic
8	Sun Yat Sen University	1	253	253	Academic
9	Wuhan University	1	8	8	Academic
10	Beijing University of Chemical Technology	1	7	7	Academic
11	Beijing University of Posts & Telecommunications	1	14	14	Academic
12	Hangzhou Normal University	1	26	26	Academic
13	Second Military Medical University	1	253	253	Academic
14	Southern Medical University - China	1	26	26	Academic
15	Third Military Medical University	1	4	4	Academic
16	China Center of Advanced Science & Technology (CCAST)	1	149	149	Research Institute
17	Nanchang Hangkong University	1	14	14	Academic