

深化学科服务 支持科研决策

基于新一代InCites平台的应用
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THOMSON REUTERS

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其他与总结



学科绩效分析简介

绩效分析的历史与价值

开放获取时代二次文献数据的挖掘更显意义

馆员拥有文献计量学知识并掌握相关工具

职能部门和研究人员有更高和更多的期望

图书馆进行学科绩效分析的优势和趋势



同行评议

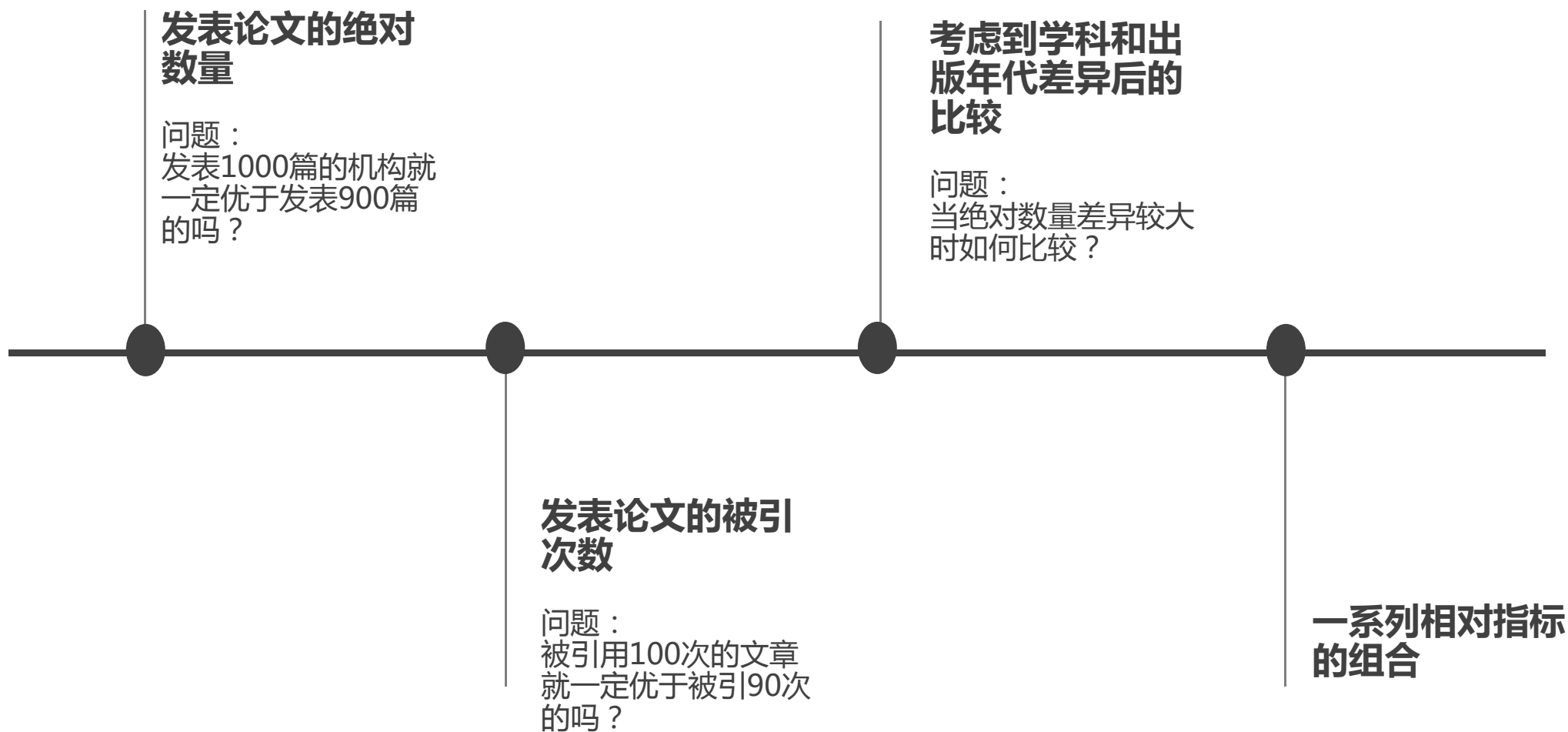
- ◆ 小范围内，自下而上的视角
- ◆ 绝对的、主观认知和判断
- ◆ 受到较早以前研究成果的影响

定性指标

绩效分析

- ◆ 全球化，自上而下的视角
- ◆ 加权的、相对的度量方法
- ◆ 能够揭示最新研究的贡献

定量指标



世界范围内学科绩效分析指标的演变



InCites™
Calibrate Your Strategic Research Vision

InCites™ Journal Citation Reports®

InCites™ Essential Science Indicators™

多角度、多层次、多指标学科绩效分析平台



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汤森路透

新一代

深度分析与比较

InCites

INCITES

Benchmarking & Analysis

基础数据源

- 绩效分析的噩梦：
数据源的不准确和不客观
- InCites数据源：
 - Web of Science核心合集——全球科研评价金标准
 - ESI——教育部学科评估基础指标
 - JCR——期刊评价公认标准

组合指标

- 基础指标（绝对指标）
- 标准化指标（相对指标）
- 百分位指标
- 合作指标

使用和功能

- 一键式生成报告
- 多种条件组合设置
- 多种图形选择
- 多种指标随意混搭
- 保存和导出更加容易
- 全新中文操作界面



仪表板

分析

Web of Science™ Profiles

 InCites 新增功能

 我的文件夹

发掘 InCites 数据价值

根据您的需求创建动态表格和图形。



人员



机构



区域



研究方向



期刊, 图书, 会议录文献

InCites 系统报告

研究绩效

合作论文

新建 Tile

新建 Tile



Save Tile

结果: 22



条形图

Web of Science 论文数



-

22

+

隐藏

数据集



InCites Dataset



过滤器



按属性



学科分类体系

Essential Science ...



研究方向



按研究网络



合作者

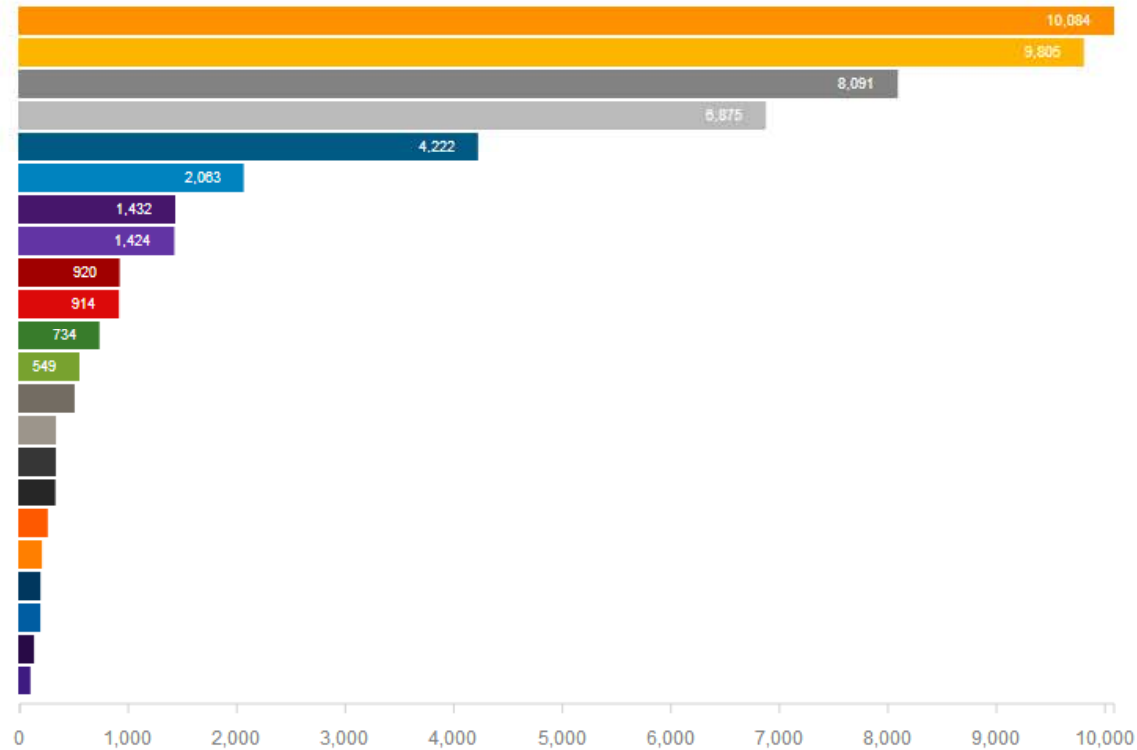
合作机构

合作国家/地区

按研究产出



人员姓名或 Researcher



检索 22 个结果...

基准数据



名称

排名

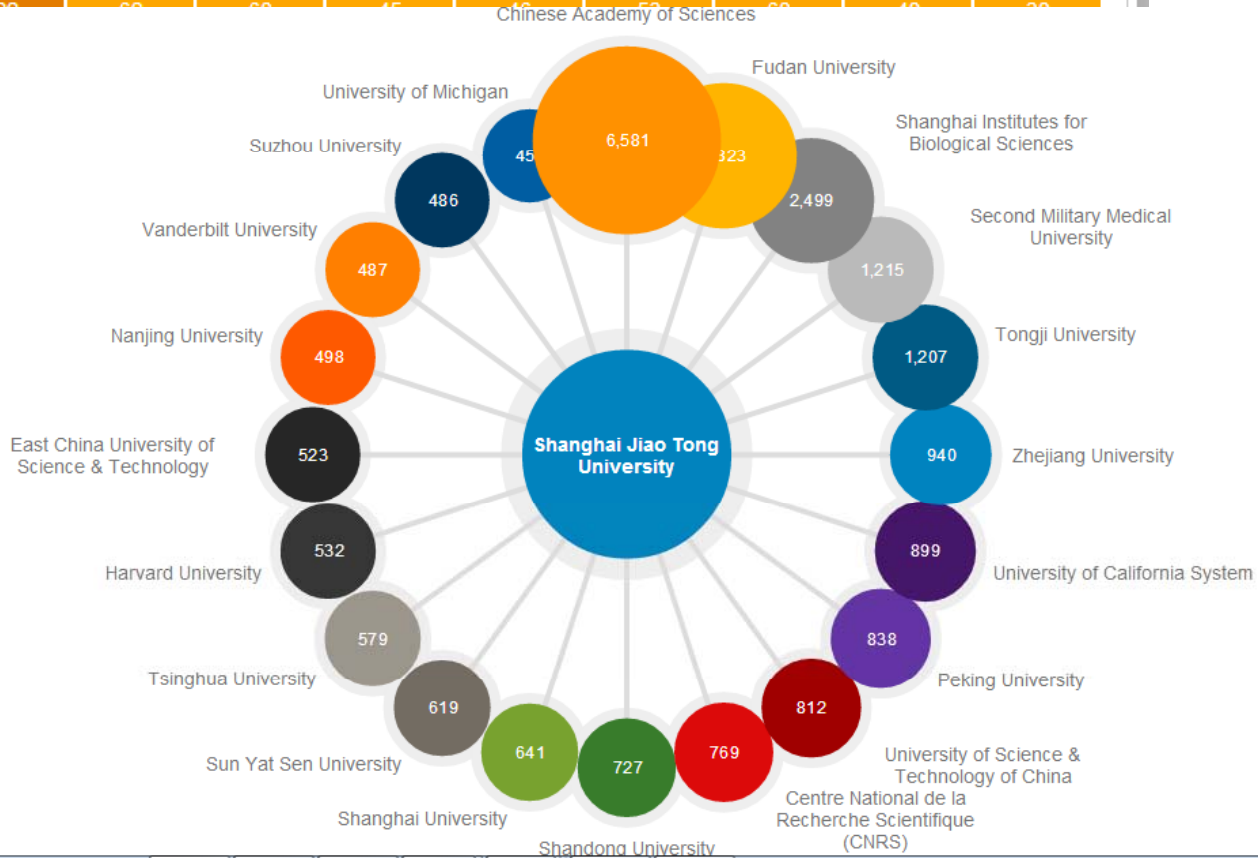
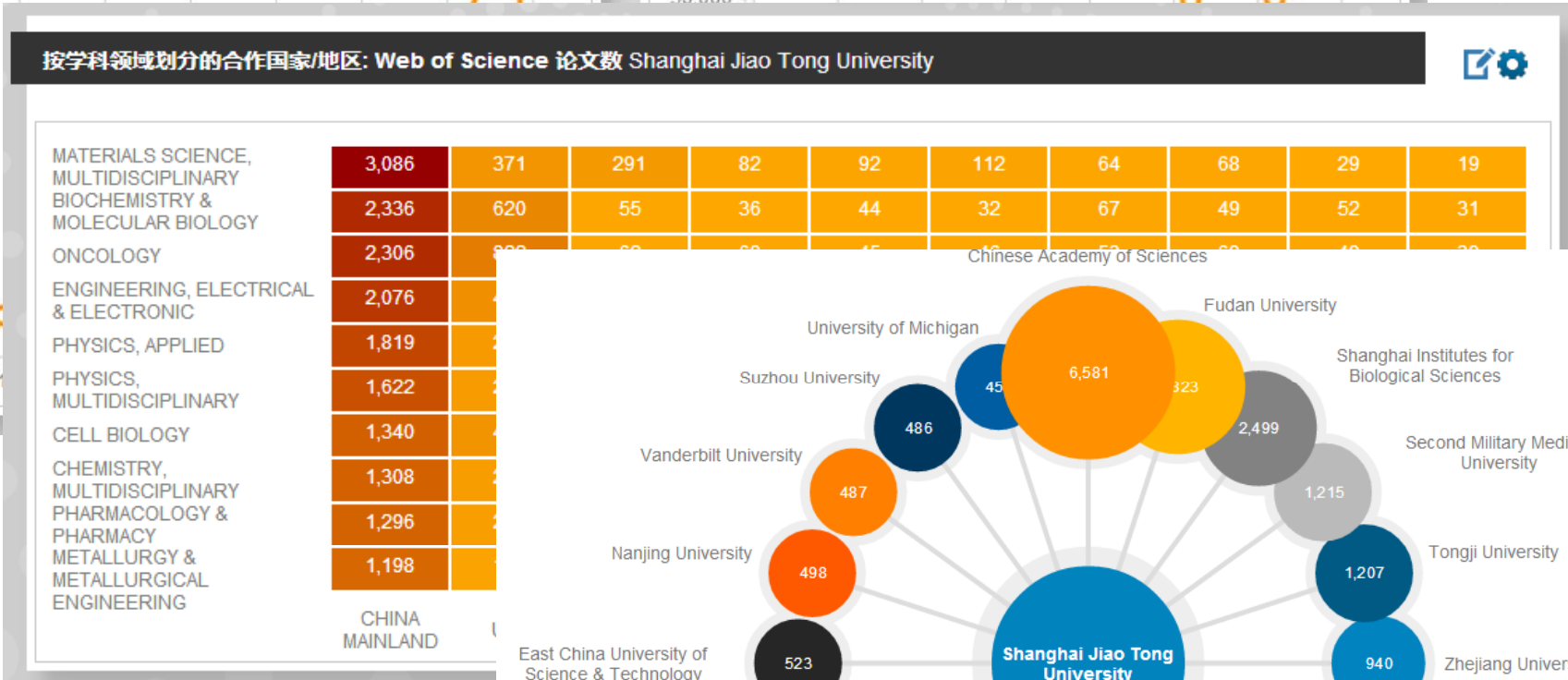
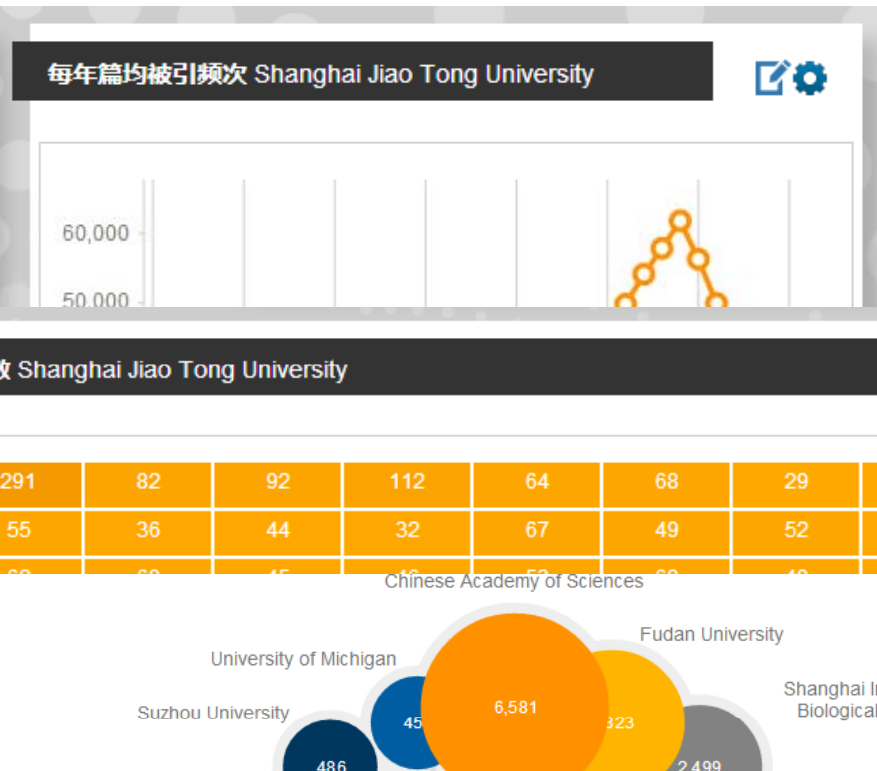
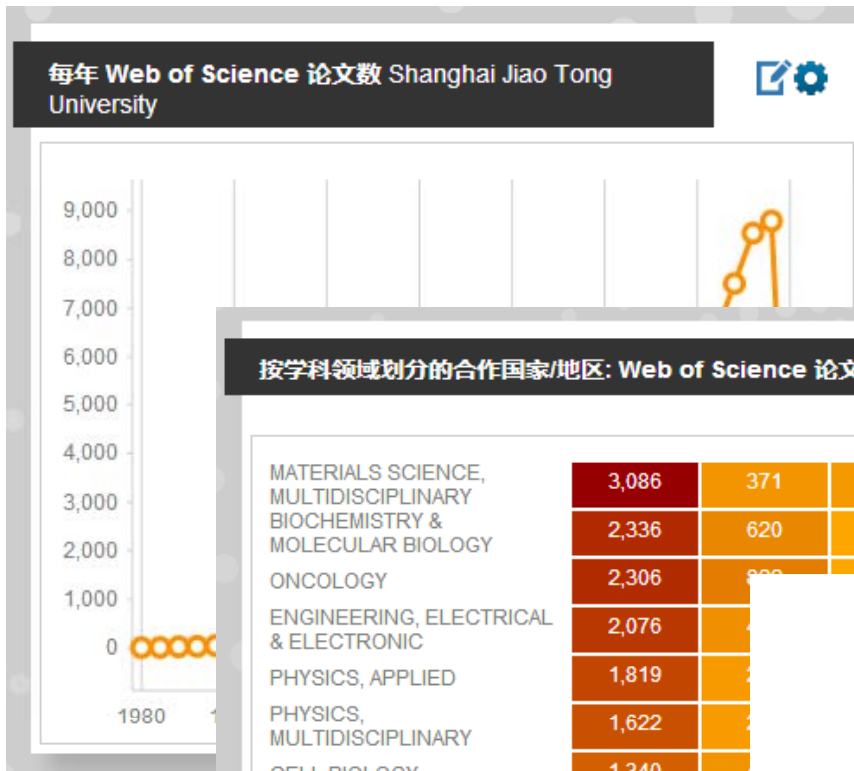
Web of Science 论文数

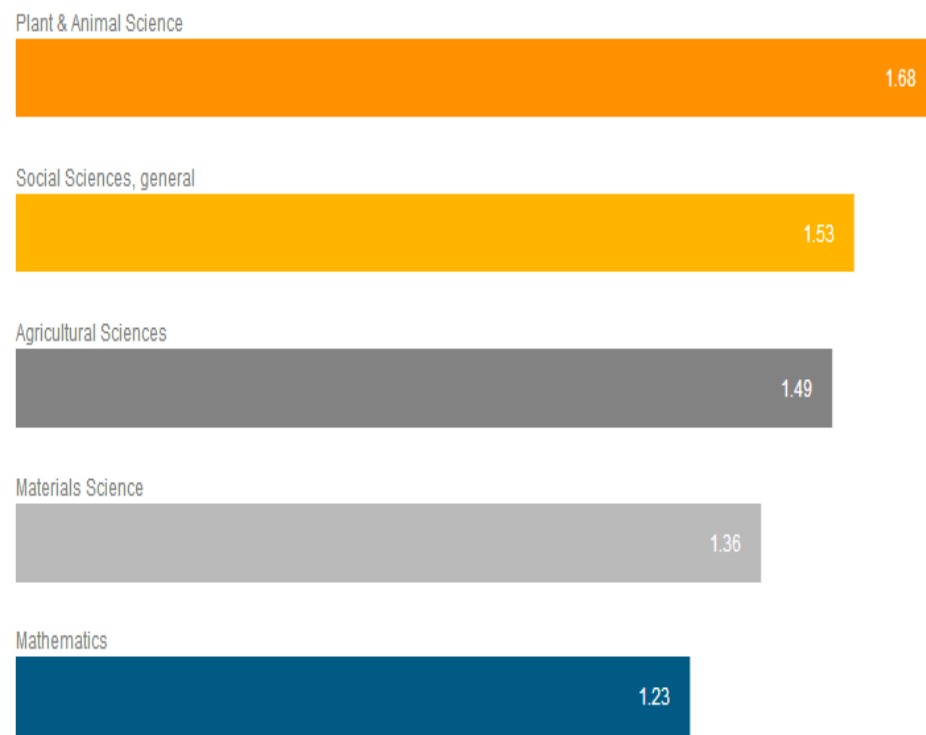
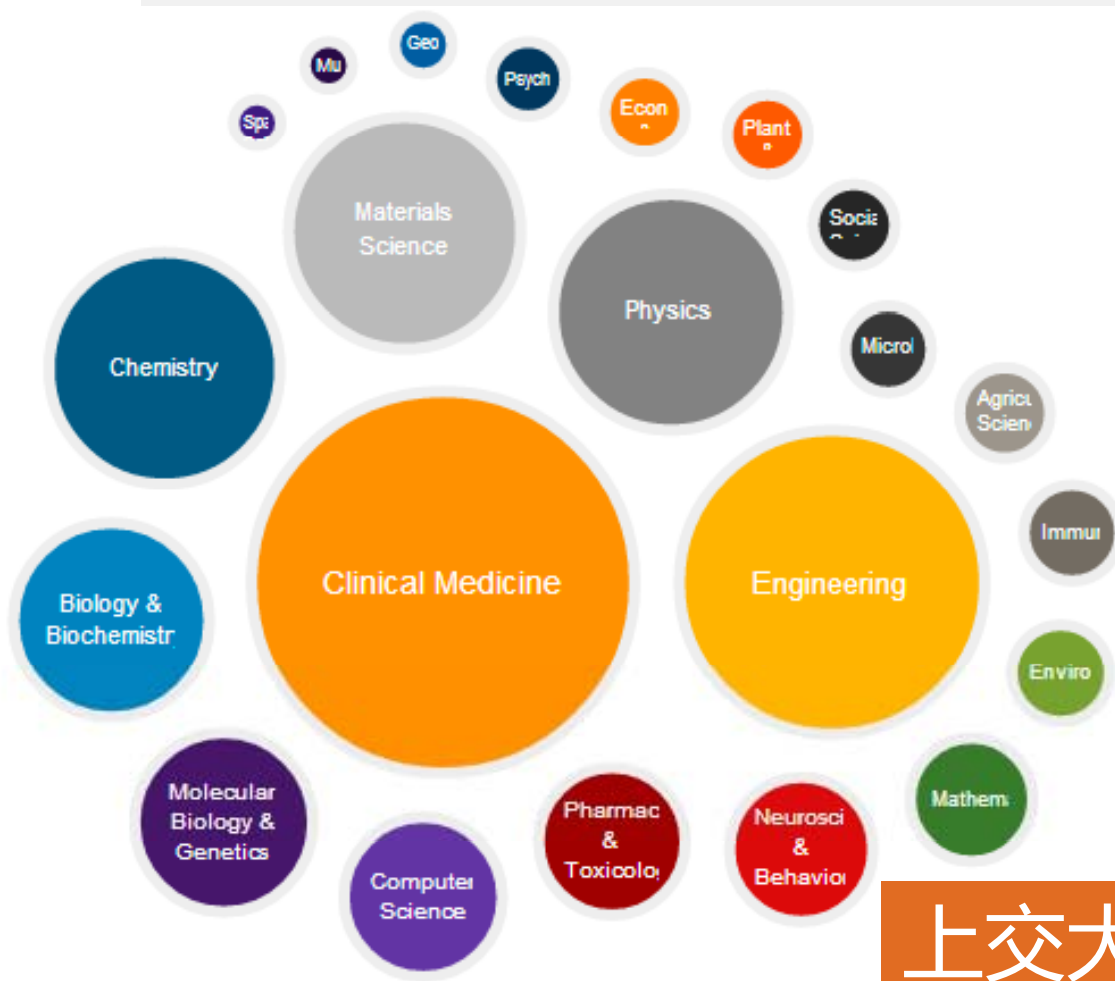
规范化的引文影响力






被引频次

论文被引百分比

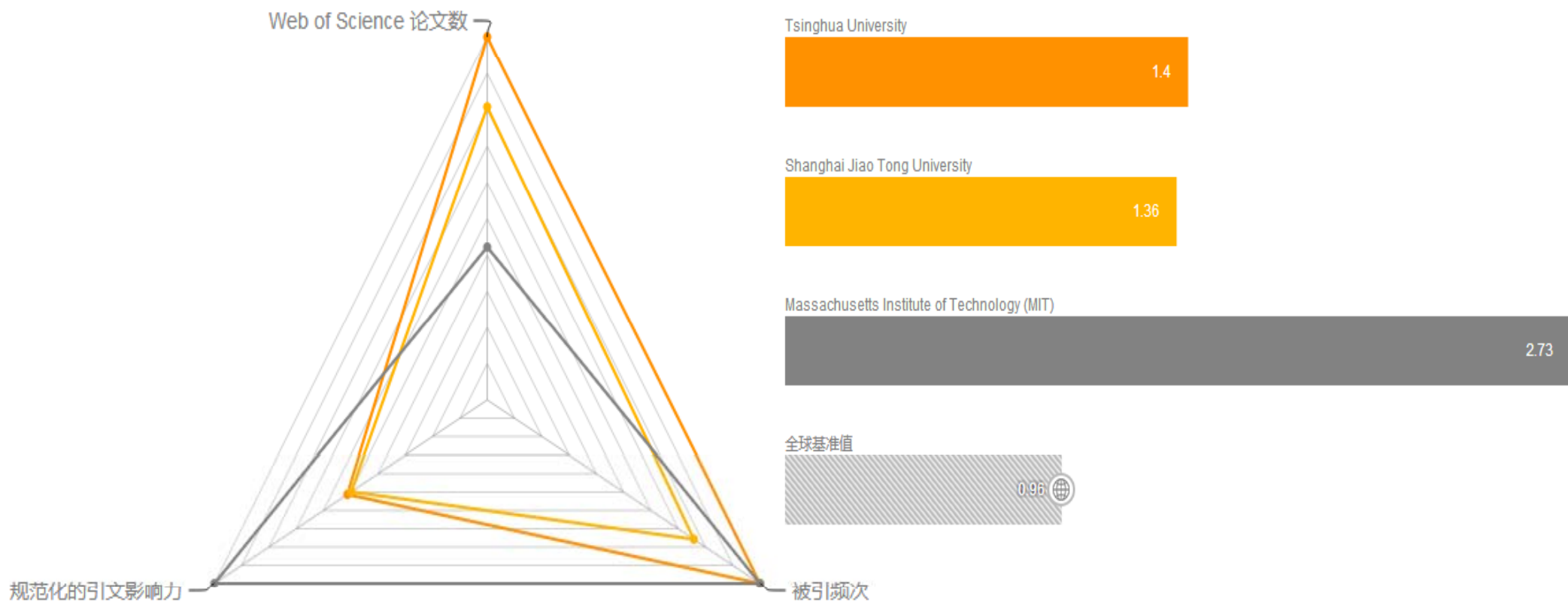
引文影响力



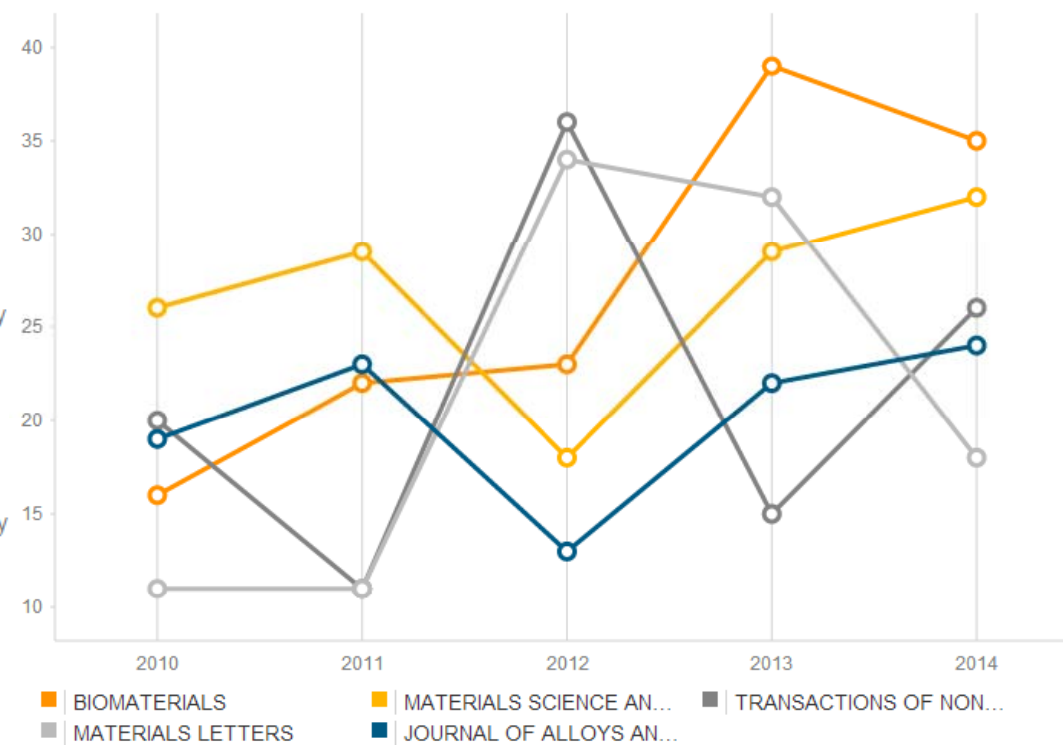
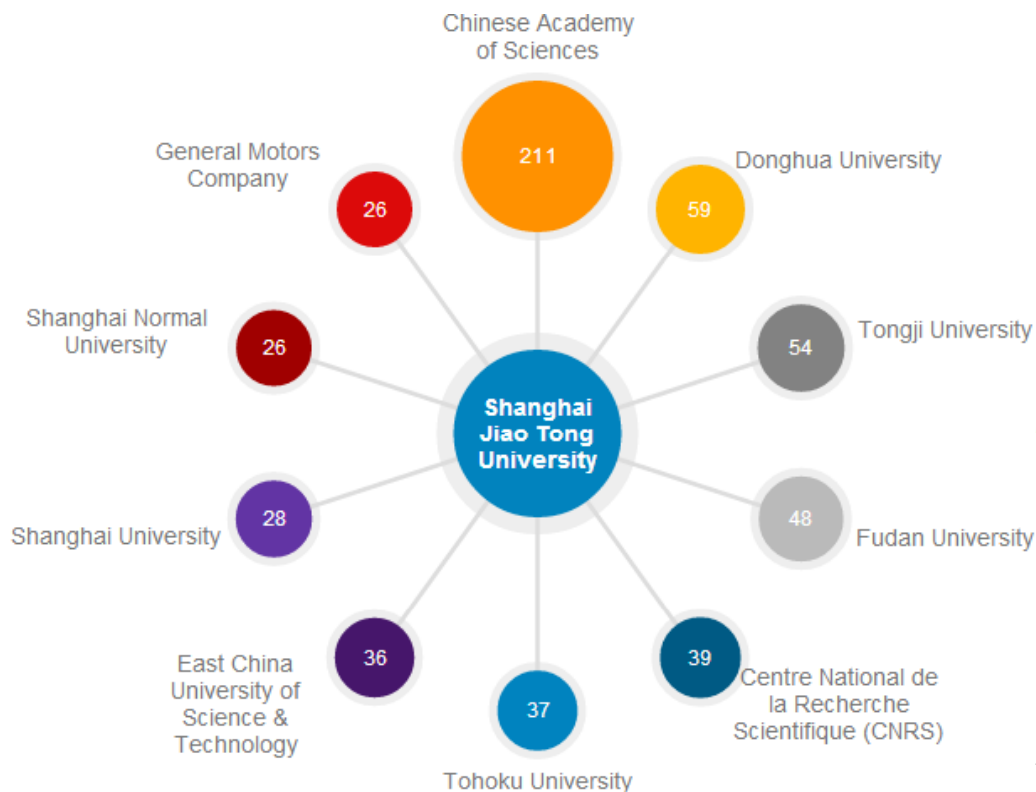


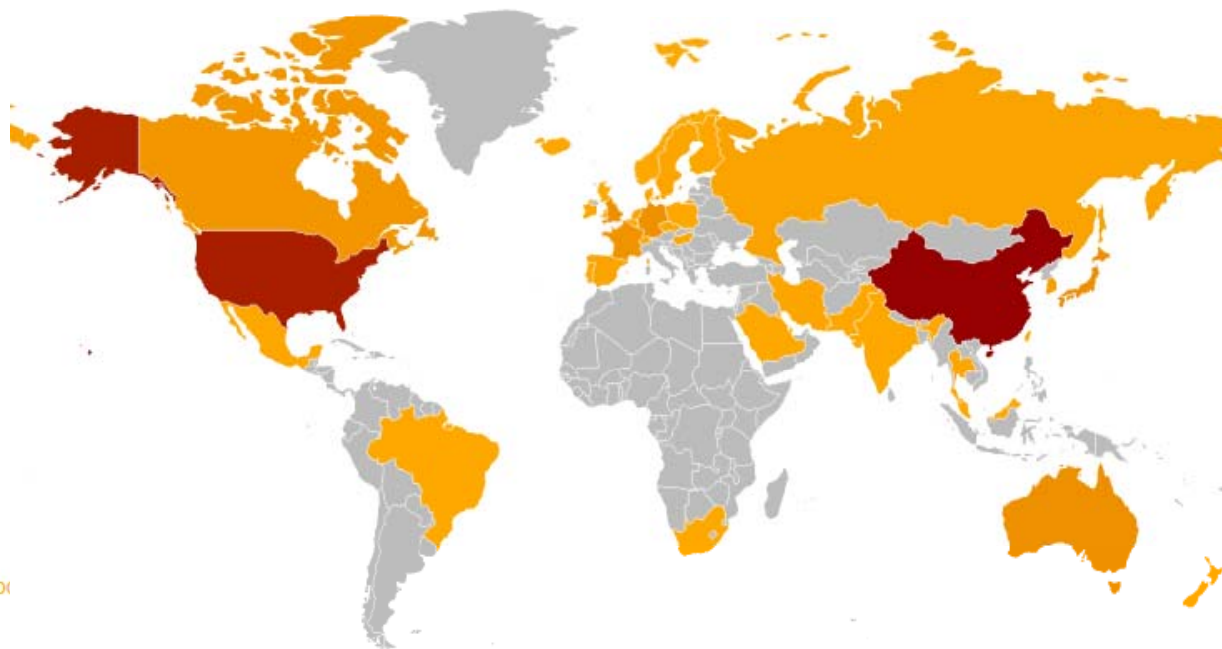
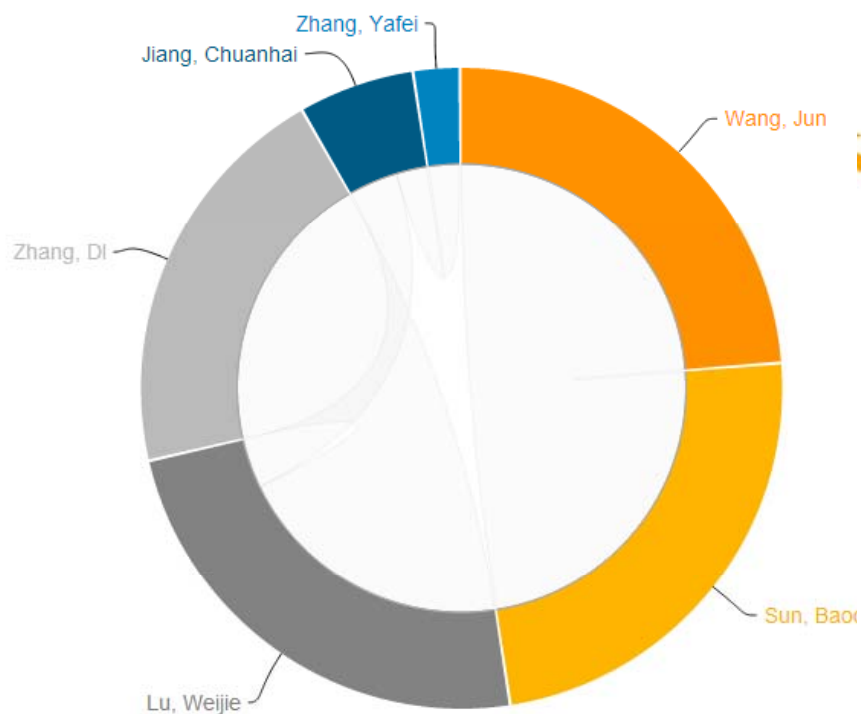
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  人员 </div> <div style="text-align: center; border: 2px solid blue; border-radius: 15px; padding: 5px;">  机构 </div> <div style="text-align: center;">  区域 </div> <div style="text-align: center;">  研究方向 </div> <div style="text-align: center;">  期刊, 图书, 会议录文献 </div> </div>						
名称	排名	▼ Web of Science 论文数	规范化的引文影响力	被引频次	论文被引百分比	
<input type="checkbox"/> Chinese Academy of Sciences	1	14,692	1.71	140,967	77%	
<input type="checkbox"/> Harbin Institute of Technology	2	3,871	0.8	16,625	67%	
<input type="checkbox"/> Tsinghua University	3	3,384	1.4	26,457	71%	
<input type="checkbox"/> University of Science & Tech...	4	3,179	0.65	11,408	61%	
<input type="checkbox"/> Central South University	5	3,130	0.71	11,991	65%	
<input type="checkbox"/> Shanghai Jiao Tong University	6	2,733	1.36	20,054	75%	
<input type="checkbox"/> Northwestern Polytechnical U...	7	2,565	0.68	9,019	64%	
<input type="checkbox"/> Zhejiang University	8	2,512	1.44	19,366	76%	
<input type="checkbox"/> Dalian					69%	

中国不同机构在材料科学的比较



三所机构与全球基准值在材料科学的比较





人员合作网络及合作国家分布

与WOS整合



- 不在InCites中的机构
- 分析某个研究团队的文章集合
- 分析某个自定义的集合

.....

Web of Science数据直接
导入InCites进行分析

INCITES

Benchmarking & Analysis

时间

- 深度：1980-present
- 更新时间：计划为两个月

学科分类

- ESI: 22个学科
- Web of Science
- ANVUR
- GIPP
- Australia FOR Level 1
- Australia FOR Level 2
- China SCADC Subject 77 Narrow
- China SCADC Subject 12 Broad
- FAPESP
- OECD
- UK RAE (2008)
- UK REF (2014)



新一代

机构层面的结果呈现

ESI



ESSENTIAL SCIENCE INDICATORS

In Cites

来自于 SCIE和SSCI (Article & Review)的10年滚动数据
划分为22个学科

- Agricultural Science
- Biology & Biochemistry
- Chemistry
- Clinical Medicine
- Computer Science
- Economics & Business
- Engineering
- Environment/ Ecology
- Geosciences
- Immunology
- Materials Science
- Mathematics
- Microbiology
- Molecular Biology & Genetics
- Multidisciplinary
- Neuroscience & Behavior
- Pharmacology
- Physics
- Plant & Animal Science
- Psychiatry/Psychology
- Social Sciences--general
- Space Science



Indicators

Field Baselines

Citation Thresholds

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

* SHANGHAI JIAO TONG
UNIV

Include Results For

Highly Cited Papers

Clear

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Show Visualization +

Report View by Selection

Customize

Total: 17	Research Fields	Web of Science Documents	Cites	Cites/Paper	Highly Cited Papers
1	CLINICAL MEDICINE	10,228	87,178	8.52	96
2	CHEMISTRY	4,774	54,892	11.50	39
3	ENGINEERING	8,666	48,308	5.57	93
4	PHYSICS	5,351	47,068	8.80	51
5	MATERIALS SCIENCE	5,295	46,643	8.81	61
6	BIOLOGY & BIOCHEMISTRY	2,774	31,746	11.44	27
7	MOLECULAR BIOLOGY & GENETICS	2,031	29,779	14.66	20
8	PHARMACOLOGY & TOXICOLOGY	1,469	12,827	8.73	7
9	NEUROSCIENCE & BEHAVIOR	1,367	12,242	8.96	5
10	COMPUTER SCIENCE	2,495	8,376	3.36	29
11	IMMUNOLOGY	577	7,098	12.30	6

上海交大被引次数进入全球前1%的学科

Indicators

Field Baselines

Citation Thresholds

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

Include Results For

Highly Cited Papers

Clear

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Show Visualization +

Report View by Selection

Customize

Total: 17	Research Fields	Web of Science Documents	Cites	Cites/Paper	Highly Cited Papers
8	PHARMACOLOGY & TOXICOLOGY	1,469	12,827	8.73	7
9	NEUROSCIENCE & BEHAVIOR	1,367	12,242	8.96	5
10	COMPUTER SCIENCE	2,495	8,376	3.36	29
11	IMMUNOLOGY	577	7,098	12.30	6
12	MATHEMATICS	1,302	6,850	5.26	19
13	ENVIRONMENT/ECOLOGY	706	6,710	9.50	6
14	PLANT & ANIMAL SCIENCE	433	5,054	11.67	18
15	SOCIAL SCIENCES, GENERAL	392	3,858	9.84	11
16	AGRICULTURAL SCIENCES	517	3,597	6.96	4
0	ALL FIELDS	49,776	423,066	8.50	501

上海交大被引次数进入全球前1%的学科

Indicators

Field Baselines

Citation Thresholds

高校	前1%学科数	高校	前1%学科数
北京大学	19	北京师范大学	11
浙江大学	17	四川大学	11
中山大学	17	兰州大学	11
上海交通大学	16	中国科学技术大学	10
复旦大学	15	南开大学	10
清华大学	14	山东大学	10
南京大学	13	华中科技大学	10
武汉大学	12		

中国大陆高校的前1%学科数

Indicators

Field Baselines

Citation Thresholds

Results List

Research Fields

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

 * SHANGHAI JIAO TONG
UNIV

Include Results For

Highly Cited Papers

Clear

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Show Visualization +

Report View by Selection

Customize

Total: 17	Research Fields	Web of Science Documents	Cites ▾	Cites/Paper	Highly Cited Papers
1	CLINICAL MEDICINE	10,228	87,178	8.52	96
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3	ENGINEERING	8,666	48,308	5.57	93
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10	COMPUTER SCIENCE	2,495	8,376	3.36	29
11	IMMUNOLOGY	577	7,098	12.30	6

显示各学科的高被引论文数

Indicators

Field Baselines

Citation Thresholds

Citation Trends

Documents

Filter Results By ?

Add Filter »

× SHANGHAI JIAO TONG
UNIV

Include Results For

Highly Cited Papers

Clear

Save Criteria

Sort By Citations

Customize Documents

1 - 10 of 61

- 1 VISIBLE-LIGHT-ACTIVATED NANOPARTICLE PHOTOCATALYST OF IODINE-DOPED TITANIUM DIOXIDE** Times Cited: 318
By: HONG, XT; WANG, ZP; CAI, WM; et.al
Source: CHEM MATER 17 (6): 1548-1552 MAR 22 2005
Research Fields: MATERIALS SCIENCE
- 2 ENGINEERING HOMOCHIRAL METAL-ORGANIC FRAMEWORKS FOR HETEROGENEOUS ASYMMETRIC CATALYSIS AND ENANTIOSELECTIVE SEPARATION** Times Cited: 250
By: LIU, Y; XUAN, WM; CUI, Y;
Source: ADVAN MATER 22 (37): 4112-4135 OCT 1 2010
Research Fields: MATERIALS SCIENCE
 Research Front
- 3 GIANT DIELECTRIC PERMITTIVITIES IN FUNCTIONALIZED CARBON-NANOTUBE/ELECTROACTIVE-POLYMER NANOCOMPOSITES** Times Cited: 248
By: DANG, ZM; WANG, L; YIN, Y; et.al
Source: ADVAN MATER 19 (6): 852-+ MAR 19 2007
Research Fields: MATERIALS SCIENCE

材料科学的高被引论文

Indicators

Field Baselines

Citation Thresholds

Results List

Institutions

Filter Results By ?

Changing the filter field removes all current filters.

Add Filter »

× Materials Science

Include Results For

Highly Cited Papers

Clear

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Show Visualization +

Report View by Selection

Customize

Total: 740	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly Cited Papers
25	BERKELEY	1,000	34,001	23.44	123
26	AIST	4,011	53,629	13.37	49
27	UNIV TEXAS SYS	2,698	52,371	19.41	94
28	US DEPT DEF	3,666	50,427	13.76	41
29	UNIV CALIF SANTA BARBARA	1,179	47,501	40.29	102
30	ZHEJIANG UNIV	4,549	47,304	10.40	69
31	UNIV SYS OHIO	3,567	46,794	13.12	57
32	SHANGHAI JIAO TONG UNIV	5,295	46,643	8.81	61
33	HARVARD UNIV	1,448	46,418	32.06	108
34	FLORIDA STATE UNIV SYSTEM	3,259	46,099	14.15	66
35	IMPERIAL COLL LONDON	2,216	45,495	20.53	86
36	JST	2,131	44,672	20.96	87

上海交大材料科学的被引次数排名

Indicators	Field Baselines		Citation Thresholds
高校	论文数	被引次数	被引次数排名
清华大学	6769	71542	9
浙江大学	4549	47304	30
上海交通大学	5295	46643	32
复旦大学	2250	40981	41
哈尔滨工业大学	6795	40210	44
吉林大学	3470	36390	57
中国科学技术大学	2613	32484	64
北京大学	2261	31996	66
中南大学	5639	25950	83
南京大学	2124	25251	87
北京科技大学	5434	24061	91

中国大陆高校材料科学的被引次数排名

Indicators
Field Baselines
Citation Thresholds

Results List

Research Fronts ▼

Filter Results By ?

Changing the filter field removes all current filters

Add Filter »

× Materials Science

Include Results For

Highly Cited Papers ▼

Clear
Save Criteria

Map View by Top / Hot / Highly Cited Papers Show Visualization +

Report View by Selection Customize

	Total: 936	Research Fronts	Highly Cited Papers ▼	Mean Year
1	TOPOLOGICAL SUPERCONDUCTING WIRES SUPPORTING MAJORANA FERMIONS; TOPOLOGICAL MAJORANA PARTICLES; MAJORANA FERMIONS; MAJORANA QUANTUM WIRES; MAJORANA BOUND STATES	47	2	
2	AGGREGATION-INDUCED EMISSION MATERIAL BASED FLUORESCENT ORGANIC NANOPARTICLES; AGGREGATION-INDUCED EMISSION DYE-BASED FLUORESCENT ORGANIC NANOPARTICLES; EMISSION DYE BASED RED FLUORESCENT ORGANIC NANOPARTICLES; TETRAPHENYLETHENE-BASED AGGREGATION-INDUCED EMISSION FLUORESCENT ORGANIC NANOPARTICLES; EMISSION DYE-BASED FLUORESCENT ORGANIC NANOPARTICLES	44	2	
2	THREE-DIMENSIONAL TOPOLOGICAL DIRAC SEMIMETAL PHASE; STABLE THREE-DIMENSIONAL TOPOLOGICAL DIRAC SEMIMETAL CD3AS2; THREE-DIMENSIONAL TOPOLOGICAL DIRAC SEMIMETAL; TOPOLOGICAL MOTT INSULATORS; TOPOLOGICAL SEMIMETAL	44	2	
4	EXPERIMENTAL ACOUSTIC GROUND CLOAK; BROADBAND ACOUSTIC CLOAK; MULTIFREQUENCY OPTICAL INVISIBILITY CLOAK; 3D ACOUSTIC CLOAKING SHELL; ACOUSTIC CLOAKING THEORY	43	2	
5	WHITE-LIGHT-EMITTING SUPRAMOLECULAR GELS; SUPRAMOLECULAR GELS FORMED; ANION-BINDING SUPRAMOLECULAR GELS; ANION RESPONSIVE	41	2	

材料科学的研究前沿

与WOS整合

出版年 ▶

机构扩展 ▶

基金资助机构 ▶

语种 ▶

国家/地区 ▶

ESI高水平论文 ▼

Highly Cited Papers (10)

Hot Papers (2)

精炼

作者: Kuang, Fangjun; Zhang, Siyang; Jin, Zhong; 等.
 SOFT COMPUTING 卷: 19 期: 5 页: 1187-1199 出版年: MAY 2015

 [出版商处的全文](#) [查看摘要](#)

10. Hydrophobic composite coatings with photocatalytic self-cleaning properties by micro/nanoparticles mixed with fluorocarbon resin

作者: Zhou, Yi; Li, Mengyao; Zhong, Xian; 等.
 CERAMICS INTERNATIONAL 卷: 41 期: 4 页: 5341-5347 出版年: MAY 2015

 [出版商处的全文](#) [查看摘要](#)

选择页面 |   | [保存至 EndNote online](#) ▼ [添加到标记结果列表](#)

排序方式: [出版日期 \(降序\)](#) ▼ 显示: [每页 10 条](#) ▼

您选择的数据限制内共有 54,118,517 条记录，其中有 2,109 条记录与检索式相匹配。
 关键词:   = 可用的化学结构。

新一代

期刊指标全新整合

JCR



JOURNAL CITATION REPORTS

In Cites

83个国家和地区的 230 多个学科的 2000 多家出版商的 11000 多种期刊

- 新增ESI学科分类
- 目标期刊对比
- 自动提示刊名的期刊检索
- 在表单中自定义显示的分析指标
- 期刊历史数据浏览和图表自动生成
- Open Access 期刊识别
- 被镇压期刊列表
- 可一步更新的分析选项

Go to Journal Profile

Compare Journals

View Title Changes

Select Journals

Select Categories

Select JCR Year

2013

Select Edition

SCIE SSCI

Category Schema

Essential Science Indica

JIF Quartile

Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor
Show Visualization +

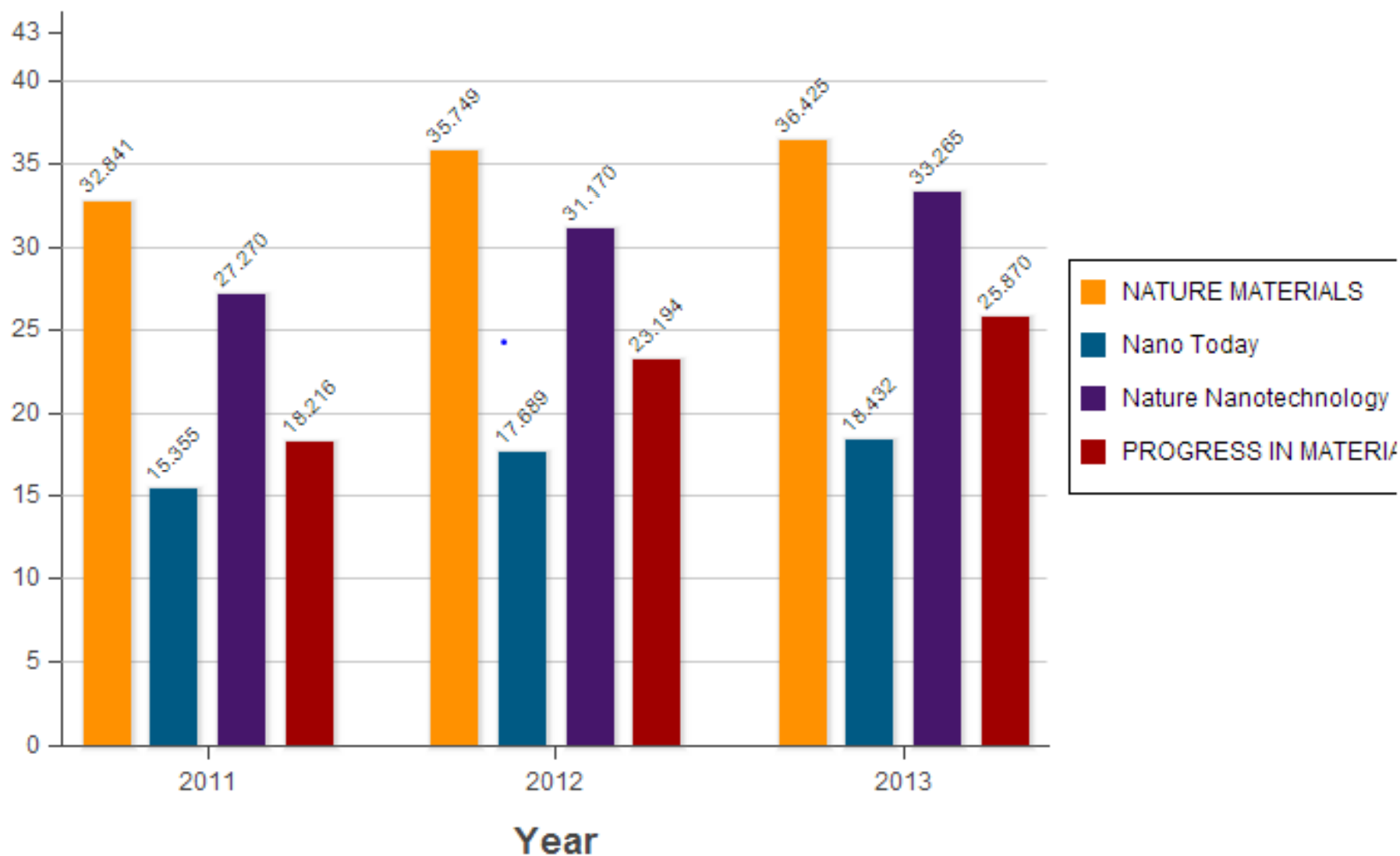
Compare Selected Journals
Add Journals to New or Existing List
Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score
<input type="checkbox"/> 1	NATURE MATERIALS	54,962	36.425	0.20020
<input type="checkbox"/> 2	Nature Nanotechnology	27,858	33.265	0.15681
<input type="checkbox"/>	PROGRESS IN MATERIALS SCIENCE	6,900	25.870	0.01505
<input type="checkbox"/>			15.629	0.01154
<input type="checkbox"/>			15.409	0.27506
<input type="checkbox"/>			14.385	0.02204
<input type="checkbox"/>			11.789	0.00764
<input type="checkbox"/>			10.850	0.01399

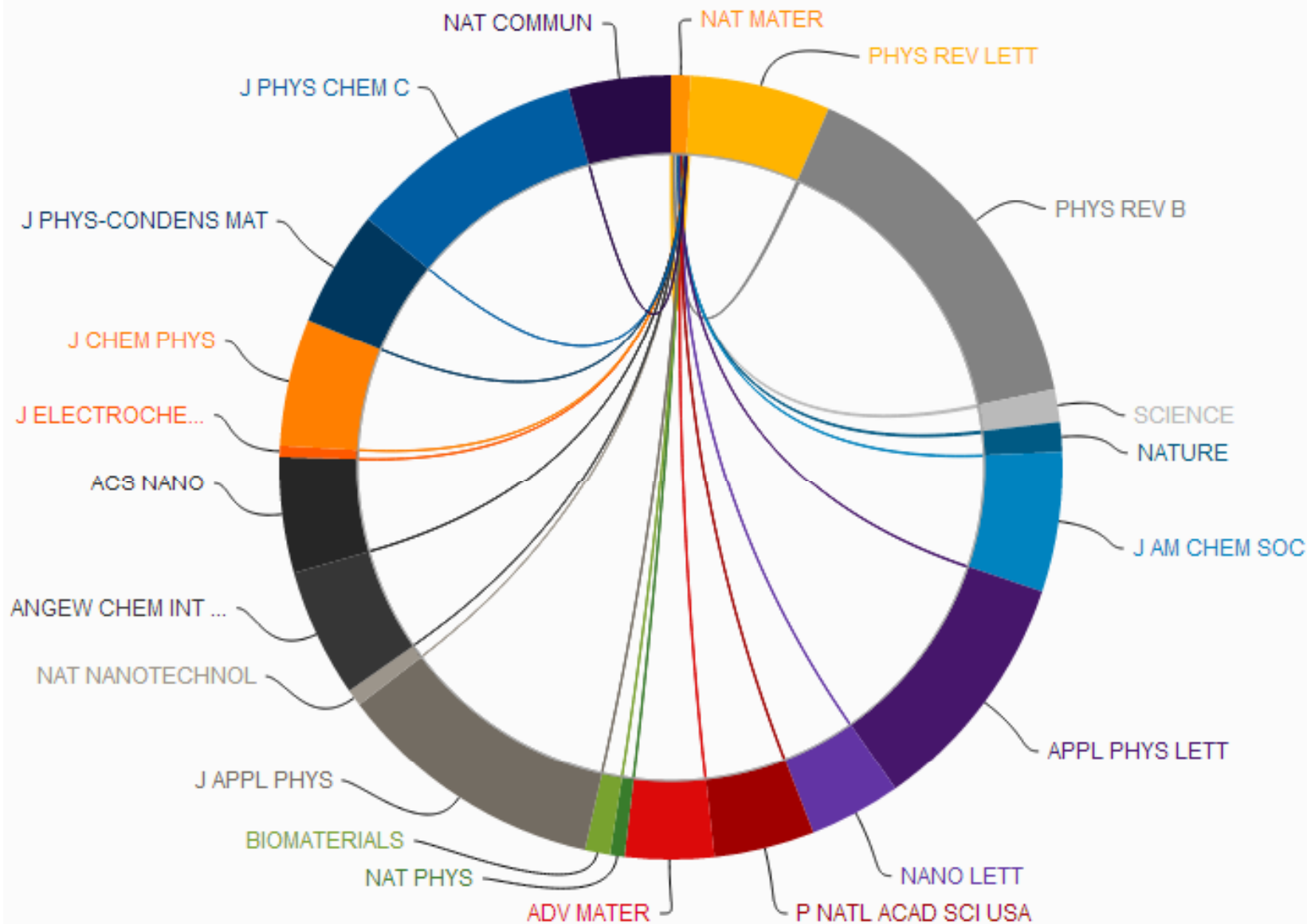
Select Category

- IMMUNOLOGY
- MATERIALS SCIENCE
- MATHEMATICS
- MICROBIOLOGY
- MOLECULAR BIOLOGY & GENETICS
- MULTIDISCIPLINARY
- NEUROSCIENCE & BEHAVIOR
- PHARMACOLOGY & TOXICOLOGY
- PHYSICS

ESI-材料学科的期刊列表和指标表现



多学科材料科学四本期刊的影响因子趋势比较



*Nature Materials*与其他期刊的引证关系

与WOS整合

Acoustic emission de

作者: Wang, XH (Wang, Xiang)

ULTRASONICS

卷: 60 页: 27-32

DOI: 10.1016/j.ultras.2015.02.

出版年: JUL 2015

[查看期刊信息](#)

摘要

Materials are often damaged d
packet analysis is used to eval
characteristics of AE signals a
technology to obtain the relatio
Furthermore, the relationship is
amplitude. The attenuation cha
of mass fractions than those o
(1.8%) is lower than that of the
fractions of composite material

ULTRASONICS

影响因子

1.805 **1.948**

2013

5年

JCR® 类别	类别中的排序	JCR 分区
ACOUSTICS	8/30	Q2
RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING	57/122	Q2

数据来自第 2013 版 Journal Citation Reports®

出版商

ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS

ISSN: 0041-624X

eISSN: 1874-9968

研究领域

Acoustics

Radiology, Nuclear Medicine & Medical Imaging

关闭窗口

cket technology

Li, XB (Li, Xiongbing)^[4]

) technology combined with wavelet
is study. Attenuation
imposed by wavelet packet
and mass fractions as well.
ne higher attenuation of energy and
are more suitable for the detection
by the feature wavelet packet
IDT method for evaluate mass



其他与 总结



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Activities

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Giuseppe Donati [Edit](#)

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27
Publications

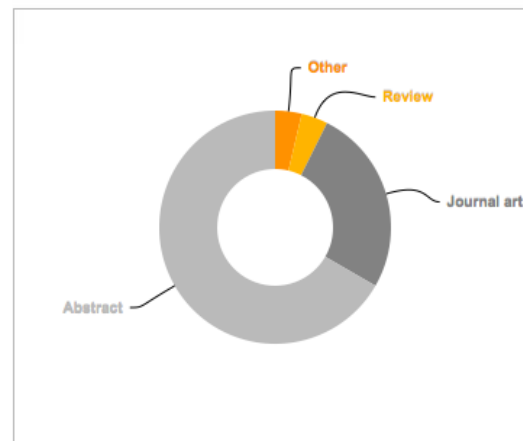
63
Times Cited

4
h-Index

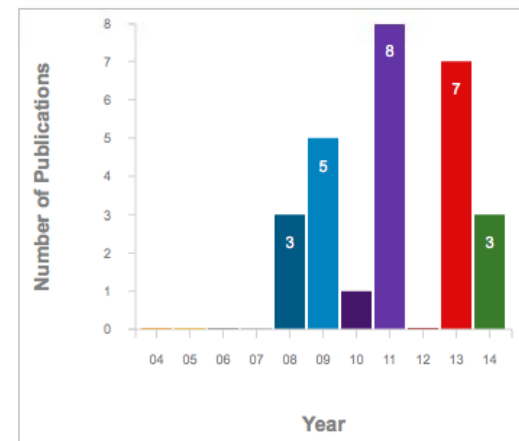
Things to do

No pending things to do

Publications per type



Publications per year



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Dashboard



多种报告形式

File View

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Department of Biological and Medical Science

Average Percentile Metric



Average Normalized Citation Impact



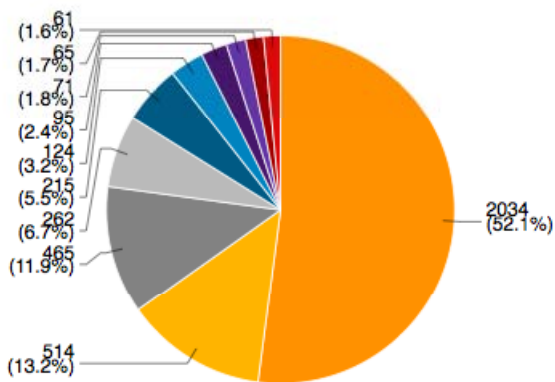
Average Journal Normalized Citation Impact



Top 10 Cited Authors

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Actions

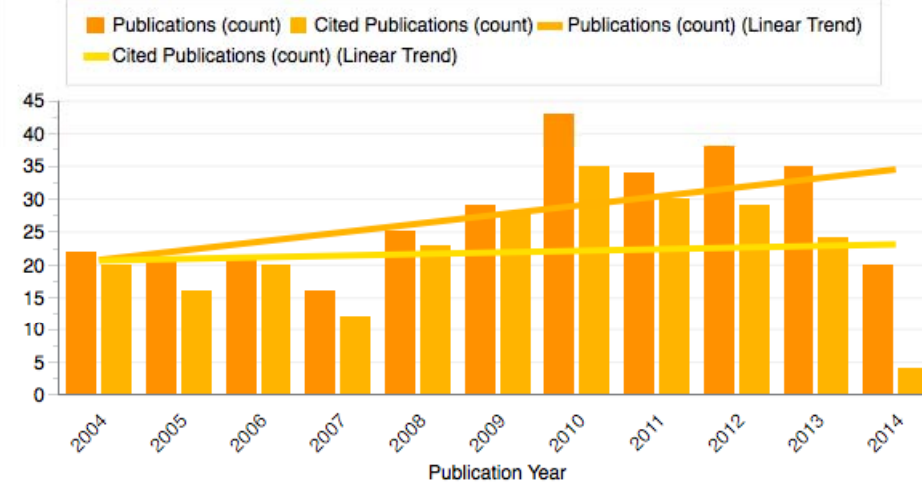


- Hawes, Chris
- Bermudez-Diaz, Isabel
- Fell, David
- Evans, David
- Brooks, Susan
- Breuker, Casper Johannes
- Graumann, Katja
- King, Linda
- Kadhim, Munira Afrasiab
- Carter, Dave

Publications vs Publications Cited

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Actions



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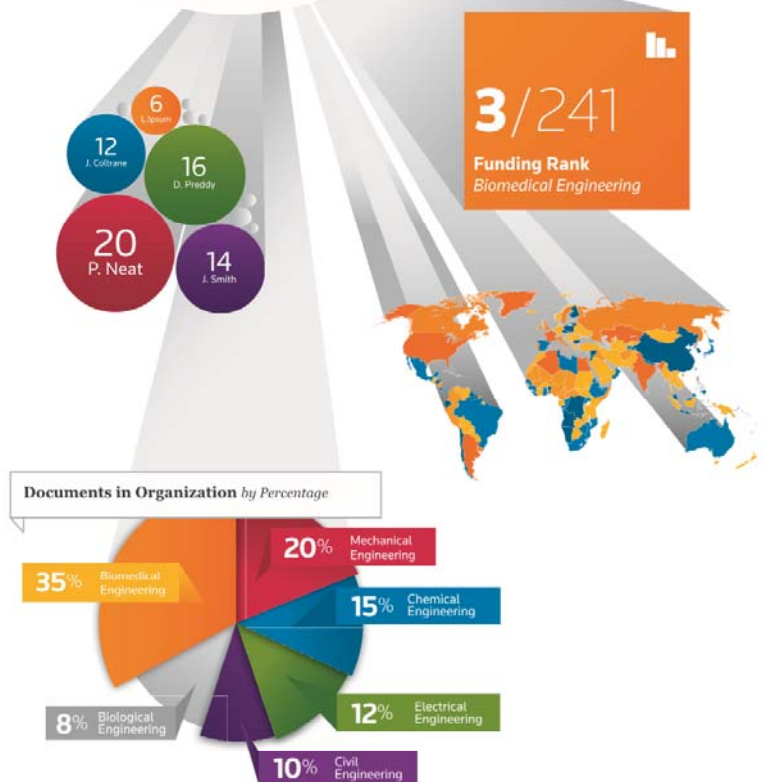
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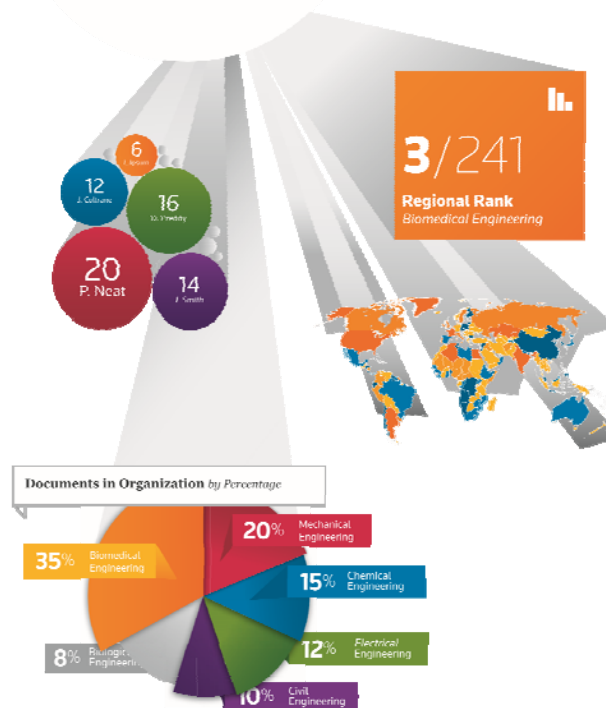
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