



THOMSON REUTERS

INCITES:

JOURNAL CITATION REPORTS ESSENTIAL SCIENCE INDICATORS

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eniko.szasz@thomsonreuters.com

A view shows the Labyntyr lake, some 100 km south of Oymyakon in the Republic of Sakha, northeast Russia, February 1, 2013. REUTERS/Maxim Shemetov

InCites: Journal Citation Reports

- JCR spracováva citačné data z viac než 11 000 časopisov, kde sa publikuje viac než 25 miliónov referencií každoročne
 - Otvorené a nestranné hodnotenie a analýza časopisov
 - Jednoduchá príprava, uloženie a export reportov
 - Integrácia Impact Factoru a ďalších popisných informácií časopisov s Web of Science Core Collection
 - Rozšírený prístup k historickým dátám
 - Rozšírená vizualizácia dát a citačných trendov



InCites: Essential Science Indicators

- Vezme možnosti reportingu a analýzy dát na vyššiu úroveň s hlbším pochopením a s možnosťou prezentácie výskumných dát jasne, výstižne a vizuálne.
 - Rebríček Highly Cited na krajiny, inštitúcie, výskumníkov a časopisov
 - Na základe citačného výkonu v posledných 10 rokoch
 - Jednoduchá príprava reportov, uloženie a export
 - Články označené “Hot” a “Highly Cited” sú integrované s Web of Science Core Collection
 - Highly Cited = najlepšie 1% v jednom z 22 hlavných disciplín (publikácie z posledných 10 rokov)
 - Hot = najlepšie 0.1% v jednom z 22 hlavných disciplín (články vydané v posledných 2 rokoch a citácie z posledných 2 mesiacoch)
 - Lepšia vizualizácia reportov, základných dát, rebríčok a grafov



InCites a Web of Science Core Collection

Platforma Web of Science

- Web of Science Core Collection
 - Science Citation Index Expanded
 - Social Sciences Citation Index
 - Arts & Humanities Citation Index
 - Conference Proceedings Citation Index
 - Science
 - Social Science & Humanities
 - Book Citation Index

Platforma InCites

- Journal Citation Reports
 - Impact Factor – používa data z posledného roku a 2 roky pred tým
- Essential Science Indicators
 - Data z posledných 10 rokov
 - Hot & Highly Cited články v 22 kategóriách
- Benchmarking & Analytics
 - Data od roku 1980





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A decorative graphic of orange dots of varying sizes, arranged in a series of parallel, slightly curved lines that sweep from the bottom left towards the top right, creating a sense of motion and depth.

JOURNAL CITATION REPORTS

InCites Journal Citation Reports integrácia s Web of Science

Web of Science™ InCites® **Journal Citation Reports®** Essential Science Indicators™ EndNote® Simon Help English

WEB OF SCIENCE™ THOMSON REUTERS™

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Full Text Look up full-text Save to EndNote

Review of the Manufacturing Techniques for Po
By: Patil, CM (Patil, Chinmay M.)^[1]; Kandlikar, SG (Kandlikar, Satish G.)^[1]

HEAT TRANSFER ENGINEERING
Volume: 35 Issue: 10 Pages: 887-902
DOI: 10.1080/01457632.2014.862141
Published: JUL 3 2014

[View Journal Information](#)

Abstract
Continuous development of high-performance microelectronic chips requires effi...
at fluxes while maintaini...
ment. This paper present...
ypes of surfaces develop

KeyWords Plus: HEAT-TRANSFER ENHANCEMENT; NANO-FLUIDS; COPP...
NANOTUBES; SMOOTH

Impact Factor
.694 1.024
2012 5 year

JCR® Category	Rank in Category	Quartile in Category
ENGINEERING, MECHANICAL	69 of 125	Q3
MECHANICS	98 of 135	Q3
THERMODYNAMICS	36 of 55	Q3

Data from Journal Citation Reports®

Publisher
TAYLOR & FRANCIS INC, 325 CHESTNUT ST, SUITE 800, PHILADELPHIA, PA 19106 USA

ISSN
0145-7632 (print)

Research Domain
Thermodynamics
Engineering
Mechanics

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Citation Network
Cited
References
Related Records
[View Citation Map](#)
[Create Citation Alert](#)
(from Web of Science™ Core Collection)

Times Cited Counts
All Databases
Web of Science Core Collection
BIOSIS Citation Index
Chinese Science Citation Database
Data Citation Index
SciELO Citation Index

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6

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2012

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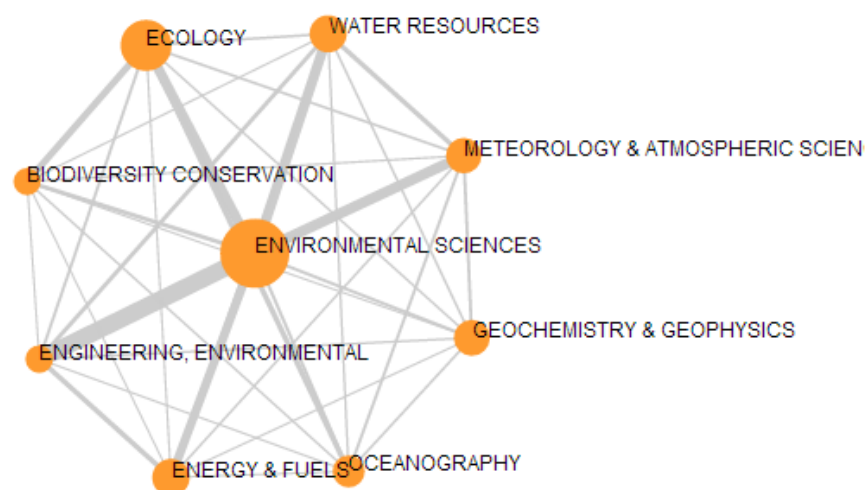
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Journals By Rank

Categories By Rank

All Journal Categories ranked by Number of Journals

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1 - 9 of 9

Customize Indicators

	Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ENVIRONMENTAL SCIENCES	SCIE	209	952,162	1.748	2.678
2	ECOLOGY	SCIE	136	756,694	1.934	3.182
3	ENERGY & FUELS	SCIE	81	402,930	1.718	3.366
4	WATER RESOURCES	SCIE	80	258,642	1.143	1.963
5	GEOCHEMISTRY & GEOPHYSICS	SCIE	76	332,947	1.413	2.363

Nové rozhranie JCR odráža zjednotený design

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Select Category

- TRANSPORTATION SCIENCE & TECHNOLOGY
- TROPICAL MEDICINE
- URBAN STUDIES
- UROLOGY & NEPHROLOGY
- VETERINARY SCIENCES
- VIROLOGY
- WATER RESOURCES
- WOMEN'S STUDIES
- ZOOLOGY

Customize Indicators

Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
SCIE	209	952,162	1.748	2.678
SCIE	136	756,694	1.934	3.182
3 ENERGY & FUELS	81	402,930	1.718	3.366
4 WATER RESOURCES	80	258,642	1.143	1.963
5 GEOCHEMISTRY & GEOPHYSICS	76	332,947	1.413	2.363

Zobrazenie súhrnných informácií pre každú disciplínu.

Jednoduchá navigácia v oboch vydaniach do roku 1997 pre všetkých zákazníkov.

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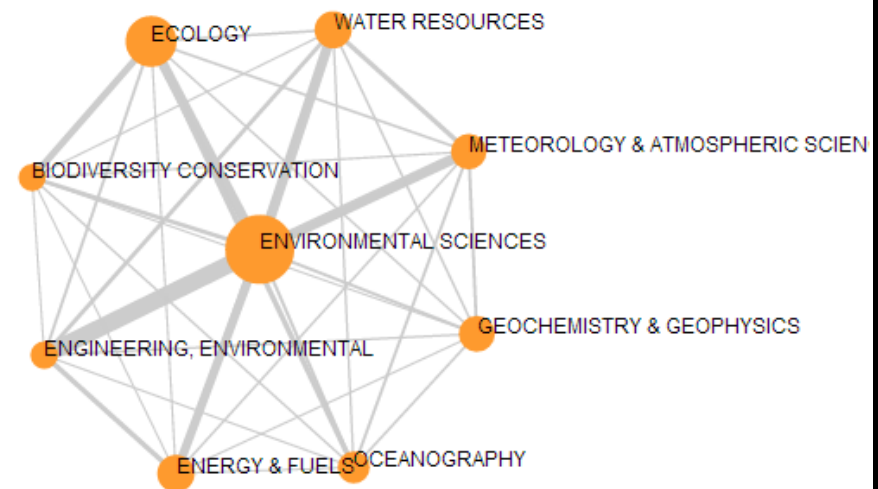
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All Journal Categories ranked by Number of Journals

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Pozrite a komunikujte s uzlom a sieťovým prepojením -
Node & Link Network – pre okamžitý prehľad

Veľkosť uzla:

časopisov v kategórií / Impact Factor časopisu

Šírka čiary:

Intenzita citácií medzi kategóriami / časopismi

ators

te

678

182

366

963

963

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Journals By Rank

Categories By Rank

All Journal Categories ranked by Number of Journals

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Triedenie kategórií podľa ukazateľov

Výber vlastných ukazateľov

Kliknutím na kategóriu zobrazíme profil kategórie

1 - 9 of 9

Customize Indicators

	Category	Edition	#Journals	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ENVIRONMENTAL SCIENCES	SCIE	209	952,162	1.748	2.678
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5	GEOCHEMISTRY & GEOPHYSICS	SCIE	76	332,947	1.413	2.363

ENVIRONMENTAL SCIENCES

Environmental Sciences covers resources concerning many aspects of the study of the environment, among them environmental contamination and toxicology, environmental health, environmental monitoring, environmental geology, and environmental management. This category also includes soil science and conservation, water resources research and engineering and climate change.

Year ▾	Edition	# Journals Graph	Articles Graph	Total Cites Graph	Median Impact Factor Graph	Aggregate Impact Factor Graph	Aggregate Immediacy Index Graph	Aggregate Cited Half-Life Graph	Aggregate Citing Half-Life Graph
2012	SCIE	209	32,966	952,162	1.748	2.678	0.507	6.6	7.8
2011	SCIE	205	30,927	842,617	1.562	2.444	0.451	6.5	7.8
2010	SCIE	193	27,349	734,957	1.560	2.496	0.437	6.5	7.7
2009	SCIE	181	28,248	681,743	1.476	2.481	0.463	6.4	7.7
2008	SCIE	163	24,844	581,126	1.441	2.228	0.389	6.5	7.8
2007	SCIE	160	23,123	490,000	1.441	2.228	0.389	6.5	7.7
2006	SCIE	144	19,843	400,000	1.441	2.228	0.389	6.5	8.0
2005	SCIE	140	18,476	350,000	1.441	2.228	0.389	6.5	7.8
2004	SCIE	134	16,946	310,000	1.441	2.228	0.389	6.5	7.9
2003	SCIE	131	15,788	280,000	1.441	2.228	0.389	6.5	8.1
2002	SCIE	132	Not Available	Not Available	1.441	2.228	0.389	6.5	ble
2001	SCIE	129	Not Available	Not Available	1.441	2.228	0.389	6.5	ble
2000	SCIE	127	Not Available	Not Available	1.441	2.228	0.389	6.5	ble
1999	SCIE	126	Not Available	Not Available	1.441	2.228	0.389	6.5	ble
1998	SCIE	126	Not Available	Not Available	1.441	2.228	0.389	6.5	ble
1997	SCIE	117	Not Available	Not Available	1.441	2.228	0.389	6.5	ble

Aggregate Impact Factor

Cites in 2012 to items published in: 2011 =72904 Number of items published in: 2011 =31827
 2010 =88592 2010 =28467
 Sum= 161496 Sum= 60294

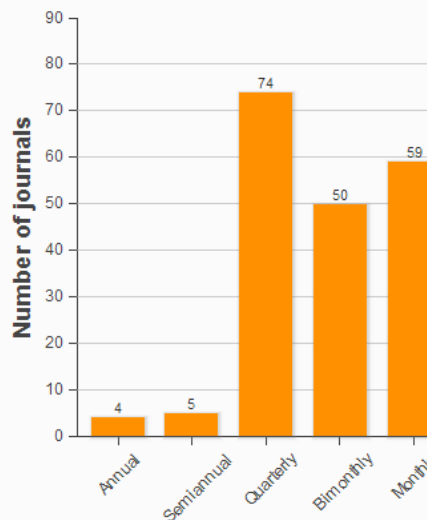
Calculation= $\frac{\text{Cites to recent items}}{\text{Number of recent items}} = \frac{161496}{60294} = 2.678$

Objavte, ako sa počíta indikátor

Profil kategórie obsahuje súhrnné údaje
zo všetkých časopisov v danej kategórii

ENVIRONMENTAL SCIENCES

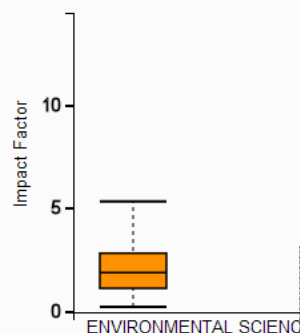
Frequency of Publications



FREQUENCY OF PUBLICATION

The frequency of publication breaks down the number of journals in the category according to the number of times per year published. The bar graph ranges from annual to weekly.

Category Box Plot



CATEGORY BOX PLOT

The Impact Factor box plot depicts the distribution of Impact Factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q₃). The horizontal line that forms the bottom is the 25th percentile (Q₁). The horizontal line that intersects the box is the median Impact Factor for the category.

environment, among them environmental contamination and environmental management. This category also includes soil science.

Aggregate Cited Half-Life Graph	Aggregate Citing Half-Life Graph
6.6	7.8
6.5	7.8
6.5	7.7
6.4	7.7
6.5	7.8
6.5	7.7

Aggregate Source Data

	Citable Items			Other
	Articles	Review	Combined	
Number in JCR Year 2012 (A)	31,883	1,083	32,966	2,395
Number of References (B)	1,313,873	114,878	1,428,751	13,654
Ratio (B/A)	41.2	106.1	43.3	5.7

AGGREGATE SOURCE DATA

Aggregate Source Data is included as a table, counting the number of citable items, and yielding a ratio to the number of references to each type of citable item included in that JCR Year.

Okrem surových agregovaných dát nájdete ďalšie informácie pomáhajúce pochopenie danej kategórií

Journals By Rank

Categories By Rank

Navigácia medzi rebríčkovi časopisov a kategórií

Go to Journal Profile

Master Search



All Journal Categories ranked by Number of Journals

Select Journals

Select Categories

Select JCR Year

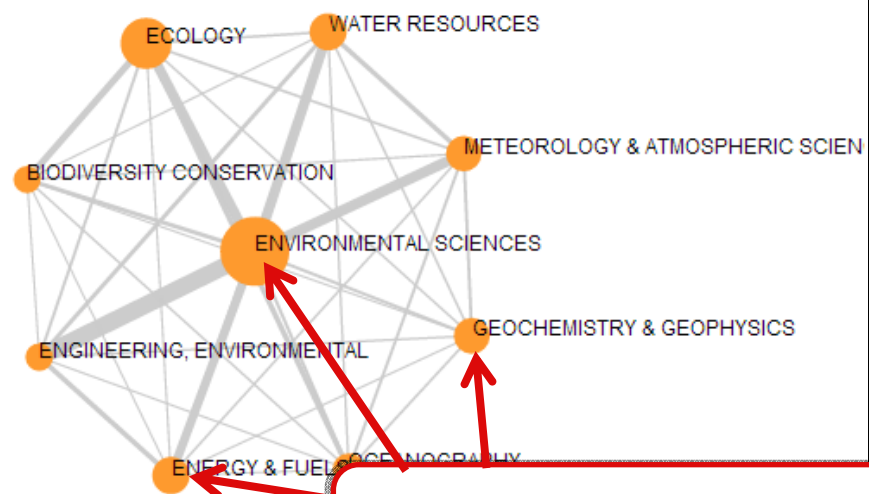
2012

Select Edition

SCIE SSCI

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Kliknutím na kategóriu v uzlu alebo na počet časopisov sa zobrazí zoznam časopisov v danej kategórií.

1 - 9 of 9

	Category	Edition	#Journals	Total Cites	Impact Factor	Impact Factor
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JIF Quartile

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Impact Factor Range

to

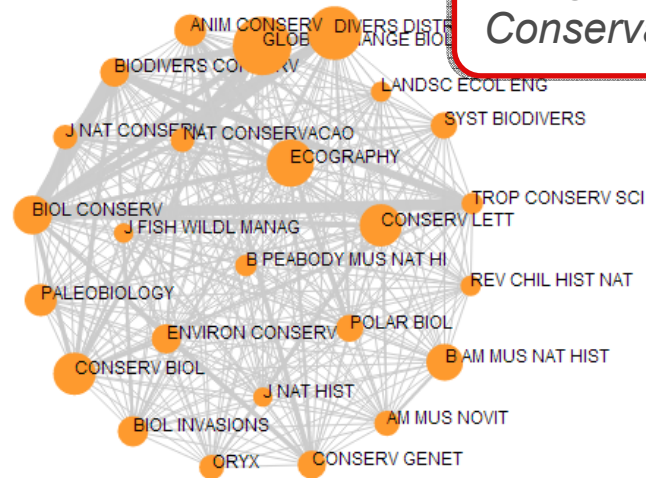
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Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor



1 - 25 of 40

Compare Selected Journals

Add Journals to Marked List

Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor
<input type="checkbox"/>	1 GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3 ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4 Conservation Letters	833	4.356	4.717
<input type="checkbox"/>	5 CONSERVATION BIOLOGY	15,836	4.355	5.462
<input type="checkbox"/>	6 BIOLOGICAL CONSERVATION	17,725	3.794	4.241
	BULLETIN OF THE AMERICAN			

V tomto príklade sa zobrazia časopisy v kategórii *Biodiversity Conservation*

Go to Journal Profile

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Journal Titles Rank

Okamžité vyhľadavanie titulu časopisov

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Category Schema

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JIF Quartile

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Impact Factor Range

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Title Changes

AAOHN J	changed to	WORKPLACE HEALTH SAF	2012
AAOHN J	changed to	WORKPLACE HEALTH SAF	2012
ACS COMB SCI	changed from	J COMB CHEM	2011
AGR SCI CHINA	changed to	J INTEGR AGR	2012
ALPINE BOT	changed from	BOT HELV	2011
ANN LAB MED	changed from	KOREAN J LAB MED	2012
ANN TROP MED PARASIT	changed to	PATHOG GLOB HEALTH	2012
ANN TROP PAEDIATR	changed to	PAEDIATR INT CHILD H	2012
ANTIBIOTIQUES	changed to	J ANTI-INFECT	2011
APPL NEUROPSYCH-ADUL	changed from	APPL NEUROPSYCHOL	2012
APPL NEUROPSYCHOL	changed to	APPL NEUROPSYCH-ADUL	2012
ATHLET THER TODAY	changed to	INT J ATHL THER TRAI	2011
AUST J SOIL RES	changed to	SOIL RES	2012

Zoznam zmeny názvov časopisov

Full Journal Title Total Cites Journal Impact Factor 5 Year Impact Factor

<input type="checkbox"/>	1	GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2	DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3	ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4	Conservation Letters	833	4.356	4.717
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Categories By Rank

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Search Journals

nature

- NATURE
- NATURE & RESOURCES
- NATURE BIOTECHNOLOGY
- NATURE CELL BIOLOGY
- NATURE GENETICS
- NATURE IMMUNOLOGY
- NATURE MATERIALS
- NATURE MEDICINE
- NATURE METHODS
- NATURE NEUROSCIENCE
- NATURE REVIEWS CANCER
- NATURE

Vyhľadavanie konkrétnych časopisov na vytvorenie vlastného zoznamu

Automaticky sa dokončí názov titulu

<input type="checkbox"/>	1	GLOB...			
<input type="checkbox"/>	2	DIVER...			
<input type="checkbox"/>	3	ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4	Conservation Letters	833	4.356	4.717
<input type="checkbox"/>	5	CONSERVATION BIOLOGY	15,836	4.355	5.462
<input type="checkbox"/>	6	BIOLOGICAL CONSERVATION	17,725	3.794	4.241

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Category Schema

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Select Category

- ACOUSTICS
- AGRICULTURAL ECONOMICS & POLICY
- AGRICULTURAL ENGINEERING
- AGRICULTURE, DAIRY & ANIMAL SCIENCE
- AGRICULTURE, MULTIDISCIPLINARY
- AGRONOMY
- ALLERGY
- ANATOMY & MORPHOLOGY

Výber kategórie alebo kategórií na zobrazenie všetkých časopisov

<input type="checkbox"/>	1	GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2	DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3	ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4	Conservation Letters	833	4.356	4.717
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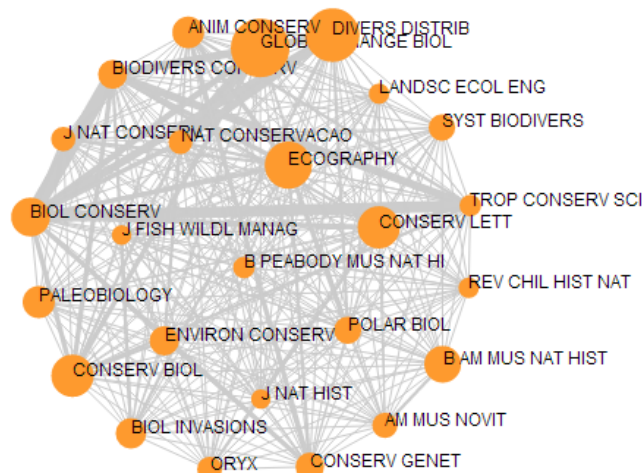
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- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1999
- 1998

Clear

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L'ahko prejdete na skoršie vydania. Všetky zákazníci majú prístup do roku 1997

	Full Journal Title	Total Cites	Impact Factor	Impact Factor
<input type="checkbox"/>	1 GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3 ECOGRAPHY	6,416	5.124	5.791
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Impact Factor Range

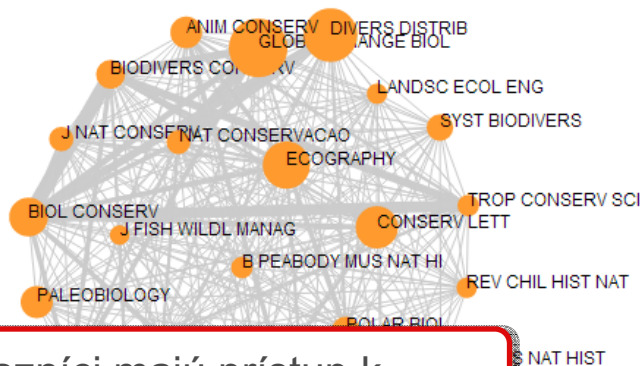
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Všetky zákazníci majú prístup k obom edíciám

Je možné využiť klasifikačný systém *Essential Science Indicators* 22 disciplín



<input type="checkbox"/>	1	GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2	DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3	ECOGRAPHY	6,416	5.124	5.791
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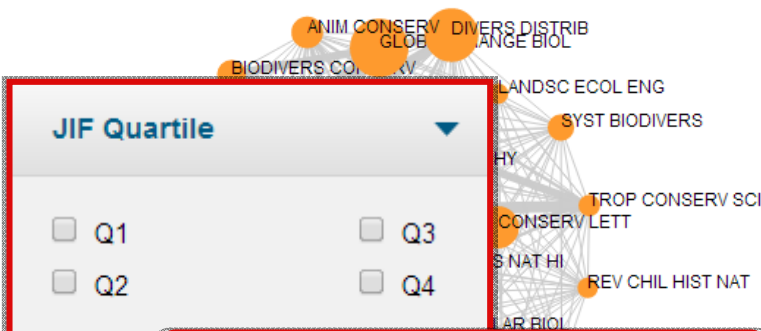
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Journals By Rank

Categories By Rank



Obmedzenie analýzy na časopisy v určitom kvartile v ich kategórií

1 - 25 of 40

Compare Selected Journals

Add Journals to Marked List

Customize Indicators

	Full Journal Title	Total Cites	Journal Impact	5 Year Impact
<input type="checkbox"/>	1 GLOBAL CHANGE BIOLOGICAL SCIENCES			
<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTION			
<input type="checkbox"/>	3 ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4 Conservation Letters	833	4.356	4.717
<input type="checkbox"/>	5 CONSERVATION BIOLOGY	15,836	4.355	5.462
<input type="checkbox"/>	6 BIOLOGICAL CONSERVATION	17,725	3.794	4.241

Obmedzenie na určité rozmedzie IF

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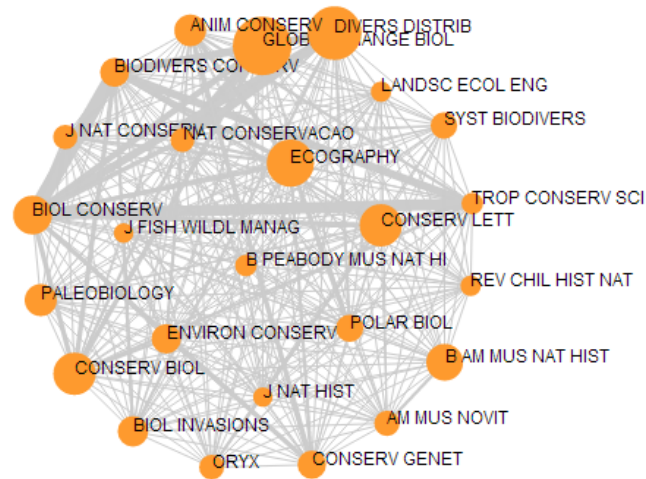
to

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Categories By Rank



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<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTIONS	4,336		
<input type="checkbox"/>	3 ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4 Conservation Letters	833	4.356	4.717
<input type="checkbox"/>	5 CONSERVATION BIOLOGY	15,836	4.355	5.462
<input type="checkbox"/>	6 BIOLOGICAL CONSERVATION	17,725	3.794	4.241

Uloženie vlastného zoznamu časopisov

BULLETIN OF THE AMERICAN

Go to Journal Profile

Master Search



Journal Titles Ranked by Impact Factor

Hide Visualization —

Compare Journals

View Title Changes



Select Journals

Select Categories

Select JCR Year

2012

Select Edition

SCIE SSCI

Category Schema

Web of Science

JIF Quartile

Select Publisher

Select Country/Territory

Impact Factor Range

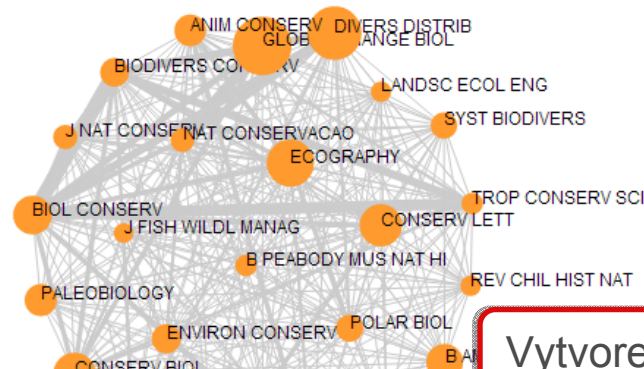
to

Clear

Submit

Journals By Rank

Categories By Rank



Vytvorenie vlastného zoznamu indikátorov

Customize Indicators

- JCR Abbreviated Title
- Total Cites
- Journal Impact Factor
- Impact Factor without Journal Self Cites
- 5 Year Impact Factor
- Immediacy Index
- Citable Items
- Cited Half-Life
- Citing Half-Life
- Eigenfactor Score
- Article Influence Score

Save

Customize Indicators

Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor	Eigenfactor Score	Article Infl Score
...	7.819	0.06099
...	5.743	0.01676
...	5.791	0.01840
...	5.462	0.02855
...	4.106	0.00546
...	4.241	0.04108

Go to Journal Profile



Journal Titles Ranked by Impact Factor

Hide Visualization —

Compare Journals

View Title Changes !

Select Journals

Select Categories

Select JCR Year

2012

Select Edition

SCIE SSCI

Category Schema

Web of Science

JIF Quartile

Select Publisher

Select Country/Territory

Impact Factor Range

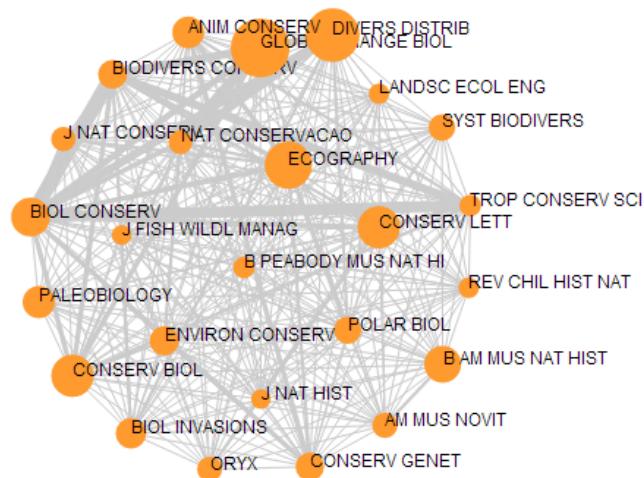
to

Clear

Submit

Journals By Rank

Categories By Rank



1 - 25 of 40

Compare Selected Journals

Add Journals to Marked List

Customize Indicators

	Full Journal Title	Impact Factor with Selection	5 Year	Eigenfactor Score	Article Infl
<input type="checkbox"/>	1 GLOBAL CHANGE BIOLOGY				
<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTIONS				
<input type="checkbox"/>	3 ECOGRAPHY	4.871	5.791	0.01840	
<input type="checkbox"/>	4 CONSERVATION BIOLOGY	4.174	5.462	0.02855	
<input type="checkbox"/>	5 Conservation Letters	4.106	4.717	0.00546	
<input type="checkbox"/>	6 BIOLOGICAL CONSERVATION	3.325	4.241	0.04108	

Kliknutím na názov časopisu sa zobrazia popisné data

GLOBAL CHANGE BIOLOGY

ISSN: 1354-1013

WILEY-BLACKWELL
111 RIVER ST, HOBOKEN 07030-5774, NJ,
ENGLAND

[Go to Journal Table of Contents](#) [Go to Ulrich's](#)

Titles

ISO: Glob. Change Biol.
JCR Abbrev: GLOBAL CHANGE BIOL

Categories

BIODIVERSITY CONSERVATION - SCIE;
ECOLOGY - SCIE;
ENVIRONMENTAL SCIENCES - SCIE;

Languages

ENGLISH

12 Issues/Year; Open Access

Open Access časopis

Key Indicators

Year ▼	Total Cites Graph	Journal Impact Factor Graph	Impact Factor Without Journal Self Cites Graph	5 Year Impact Factor Graph	Immediacy Index Graph	Citable Items Graph	Cited Half-Life Graph	Citing Half-Life Graph	Eigenfactor Score Graph	Article Influence Score Graph
2012	18,398	6.910	6.256	7.819	1.300	297	5.7	7.1	0.06099	2.886
2011	16,313	6.862	6.244	8.036	1.534	292	5.4	7.6	0.06455	3.188
2010	13,987	6.346	5.771	7.814	1.378	262	5.1	7.5	0.06034	3.049
2009	10,842	5.561	4.919	6.600	1.204	230	4.9	7.3	0.05297	2.643
2008	9,162	5.876	5.216	6.709	0.866	224	4.7	7.1	0.05630	2.864
2007	6,796	4.786	4.138	5.749	0.574	197	4.5	7.1	0.04316	2.365
2006	5,729	4.339	3.553	Not Avail...	0.660	191	4.1	6.5	Not Avail...	Not Avail...
2005	4,254	4.075	3.417	Not Avail...	0.466	178				
2004	3,434	4.333	3.502	Not Avail...	0.422	173				
2003	2,621	4.152	3.488	Not Avail...	0.473	148				
2002	2,024	3.398	2.861	Not Avail...	0.663	95				
2001	1,781	3.537	3.017	Not Avail...	0.493	69				
2000	1,378	3.775	3.305	Not Avail...	0.390	82				

Všetky popisné a zdrojové data sú zobrazené pre daný časopis, aj retrospektívne data

GLOBAL CHANGE BIOLOGY

ISSN: 1354-1013

WILEY-BLACKWELL
111 RIVER ST, HOBOKEN 07030-5774, NJ,
ENGLAND

[Go to Journal Table of Contents](#) [Go to Ulrich's](#)



Zobrazenie grafov pre všetky ukazatele

Key Indicators				
Year	Total Cites	Journal Impact Factor	Impact Factor Without Journal Self Cites	
2012	18,398	6.910	6.256	7.819
2011	16,313	6.862	6.244	8.036
2010	13,987	6.346	5.771	7.814
2009	10,842	5.561	4.919	6.600
2008	9,162	5.876	5.216	6.709
2007	6,796	4.786	4.138	5.749
2006	5,729	4.339	3.553	Not Avail...
2005	4,254	4.075	3.417	Not Avail...
2004	3,434	4.333	3.502	Not Avail...
2003	2,621	4.152	3.488	Not Avail...
2002	2,024	3.398	2.861	Not Avail...
2001	1,781	3.537	3.017	Not Avail...
2000	1,378	3.775	3.305	Not Avail...

Journal Impact Factor Graph

Journal Impact Factor

Cites in 2012 to items published in: 2011 =1861 Number of items published in: 2011 =292
 2010 =1967 2010 =262
 Sum: 3828 Sum: 554

Calculation= $\frac{\text{Cites to recent items}}{\text{Number of recent items}} = \frac{3828}{554} = 6.91$

Zobrazenie metódy výpočtov

GLOBAL CHANGE BIOLOGY

ISSN: 1354-1013

WILEY-BLACKWELL
111 RIVER ST, HOBOKEN 07030-5774, NJ,
ENGLAND

[Go to Journal Table of Contents](#) [Go to Ulrich's](#)



Select download format

- PDF
- CSV
- XLS

Sťahovanie dát v rôznych formátoch

Journal Citations Reports® Download

Data Files	Date	Size
JCR SCI 2011 Data	APR 12, 2013	71,007KB
JCR SSCI 2011 Data	APR 12, 2013	10,903KB
Metrics Files	Date	Size
JCR SCI 2011 Metrics	APR 12, 2013	1,655KB
JCR SSCI 2011 Metrics	APR 12, 2013	506KB

All files are zipped.
SCI = Science Citation Index®
SSCI = Social Science Citation Index®

Article Influence Score [Graph](#)

2.886
3.188
3.049
2.643
2.864
2.365
Not Avail...

Sťahovanie Excelovskej tabuľky z JCR

2002	2,024	3.398	2.861	Not Avail...	0.663	95	4.0	6.9	Not Avail...	Not Avail...
------	-------	-------	-------	--------------	-------	----	-----	-----	--------------	--------------

Source Data

Journal Source Data



Rank

Podrobné informácie o zdrojových položkách

Cited Journal Data

Citing Journal Data

Box Plot

Ego Network

	Citable Items			Other
	Articles	Reviews	Combined	
Number in JCR Year 2012 (A)	271	26	297	12
Number of References (B)	16,996	3,044	20,040	89
Ratio (B/A)	62.7	117.1	67.5	7.4

Citable Documents for GLOBAL CHANGE BIOLOGY

- 1 **The human-induced imbalance between C, N and P in Earth's life system**
By: Rivas-Ubach, Albert; Penuelas, Josep; Sardans, Jordi; Janssens, Ivan A.
Source: GLOBAL CHANGE BIOLOGY
Field: BIODIVERSITY CONSERVATION; ECOLOGY; ENVIRONMENTAL SCIENCES
- 2 **Effects of biotic disturbances on forest carbon cycling in the United States and Canada**
By: Kashian, Daniel M.; Hall, Ronald J.; Allen, Craig D.; Desai, Ankur R.; Hicke, Jeffrey A.; Vogelmann, J. Raffa, Kenneth F.; Moore, David; Dietze, Michael C.; Hogg, Edward H. (Ted)
Source: GLOBAL CHANGE BIOLOGY
Field: BIODIVERSITY CONSERVATION; ECOLOGY; ENVIRONMENTAL SCIENCES
- 3 **Agricultural greenhouse gas mitigation potential globally, in Europe and in the UK: what have we learned?**

Zobrazenie jednotlivých článkov

The screenshot shows the full article page on the Web of Science platform. The article title is "The human-induced imbalance between C, N and P in Earth's life system" by Penuelas, J. et al. The page includes the abstract, keywords, author information, and a citation network sidebar on the right. The sidebar shows 28 times cited, 10 cited references, and 28 in the Web of Science Core Collection.

Odkaz na Web of Science citačné data

Source Data

Rank

Cited Journal Data

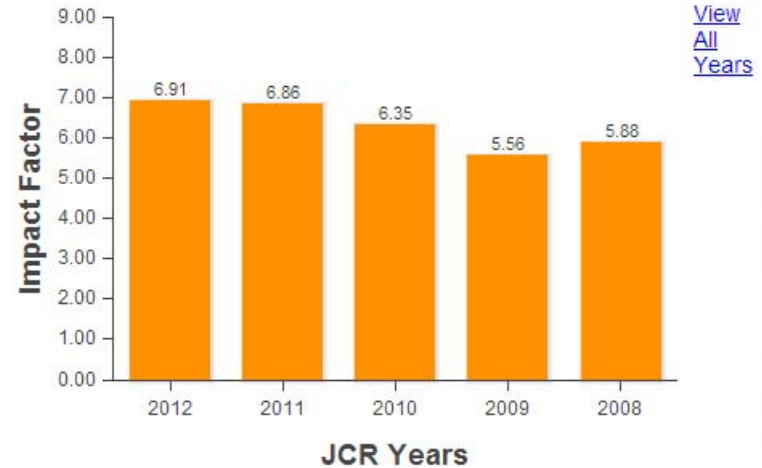
Citing Journal Data

Box Plot

Ego Network

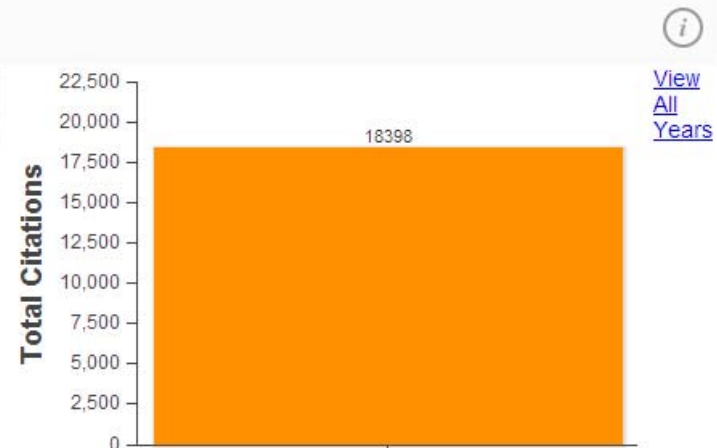
JCR Impact Factor

JCR Year	BIODIVERSITY CONSERVATION
2012	1/40-Q1
2011	1/37-Q1
2010	1/34-Q1
2009	1/29-Q1
2008	2/28-Q1



ESI Total Citations

JCR Year	ENVIRONMENT/ECOLOGY
2012	15/295-Q1



Zobrazenie trendov, kvartilu a miesta v disciplínach (schéma WoS a ESI)

Source Data

Rank

Cited Journal Data

Citing Journal Data

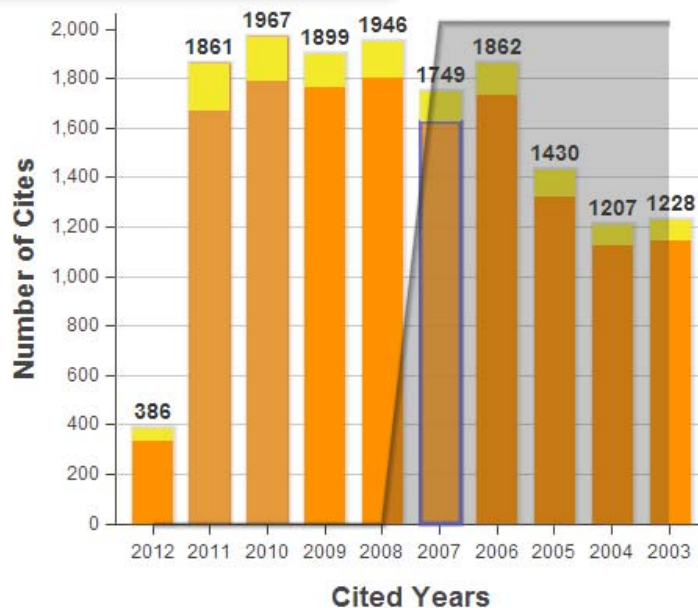
Box Plot

Ego Network

Aggregate Cited Half-Life Data

Cited Year	2012	2011	2010	2009	2008	2007	2006	2005
#Cites from 2012	386	1,861	1,967	1,899	1,946	1,749	1,862	1,430
Cumulative %	2.10	12.21	22.90	33.23	43.80	53.31	63.43	71.20

Aggregate Cited Journal Graph



AGGREGATE CITED JOURNAL GRAPH

The Aggregate Cited Journal Graph shows the distribution by cited year of citations to articles published in journals.

Kalkulácia ukazateľa

Surové data na citujúce časopisy s analýzou na autocitácie.

Cited Journal Data

Impact	Citing Journal	All Yrs	2012	2011	2010	2009	2008
1	ALL JOURNALS	18,398	386	1,861	1,967	1,899	
2	ALL OTHERS (308)	308	6	32	15	36	
3	6.910 GLOBAL CHANGE BIOL	1,366	48	187	175	133	
4	3.730 PLOS ONE	692	24	102	86	69	
5	3.754 BIOGEOSCIENCES	659	21	61	82	66	
6	3.174 J GEOPHYS RES	481	17	50	52	37	

Source Data

Rank

Cited Journal Data

Citing Journal Data

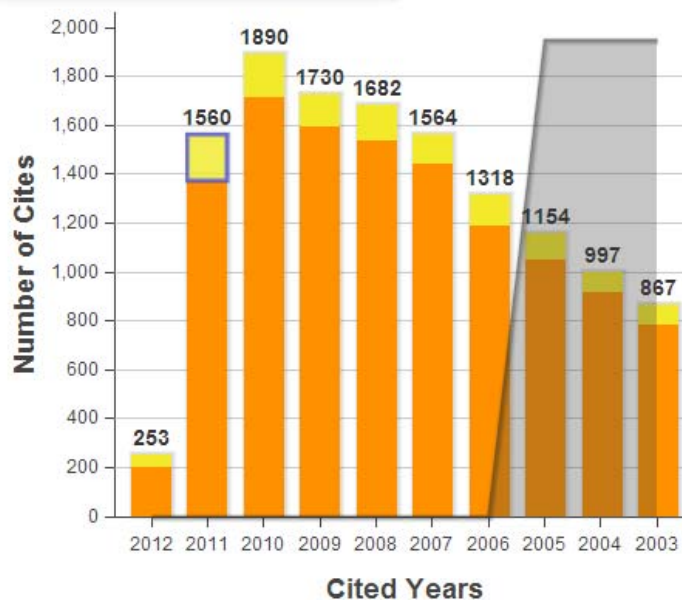
Box Plot

Ego Network

Aggregate Citing Half-Life Data

Citing Year	2012	2011	2010	2009	2008	2007	2006	2005
#Cites from 2012	253	1,560	1,890	1,730	1,682	1,564	1,318	1,154
Cumulative %	1.26	9.01	18.40	26.99	35.35	43.12	49.66	55.40

Aggregate Citing Journal Graph



AGGREGATE CITING JOURNAL GRAPH

The Aggregate Citing Journal Graph shows the distribution by citing year of citations to articles published in journals in the Journal in the JCR year.

The white/grey division indicates the citing half-life (if < 10.0). Half of the citing articles were published more recently than the citing half-life.

The two light-orange columns indicate

Ďalšie informácie surových dát pre daný časopis citujúce tento časopis

Citing Journal Data

Impact	Cited Journal	All Yrs	2012	2011	2010	2009	2008
1	ALL Journals	20,129	253	1,560	1,890	1,730	
2	ALL OTHERS (2373)	2,373	24	158	182	158	
3	6.910 GLOBAL CHANGE BIOL	1,366	48	187	175	133	
4	31.027 SCIENCE	716	4	59	75	54	
5	38.597 NATURE	694	1	35	38	38	
6	5.175 ECOLOGY	507	2	18	43	30	

Source Data

Rank

Cited Journal Data

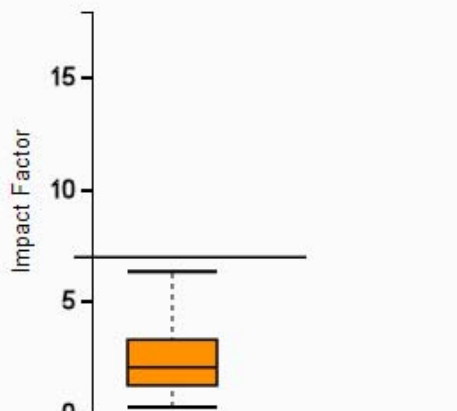
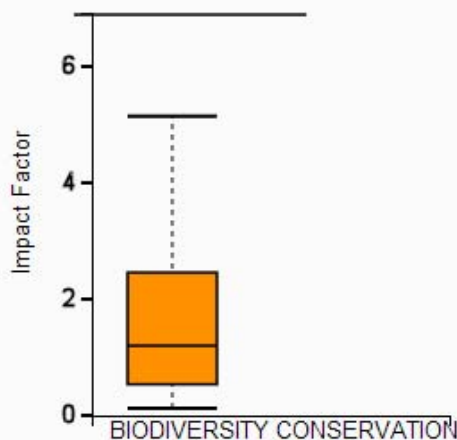
Citing Journal Data

Box Plot

Ego Network

Category Box Plot

GLOBAL CHANGE BIOLOGY, IF: 6.91



Category Box Plot

The category box plot depicts the distribution of Impact Factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q_3). The horizontal line that forms the bottom is the 25th percentile (Q_1). The horizontal line that intersects the box is the median Impact Factor for the category. Horizontal lines above and below the box, called *whiskers*, represent maximum and minimum values. The top whisker is the smaller of the following two values: the maximum Impact Factor (IF) $Q_3 - IF + 3.5(Q_3 - Q_1)$

Krabicový graf je k dispozícii na všetky disciplíny, kam je zaradený daný časopis.

Veľmi užitočný spôsob na pochopenie výkonu časopisu v porovnaní s ostatnými podobnými časopismi a rýchly spôsob vizualizácie

Source Data

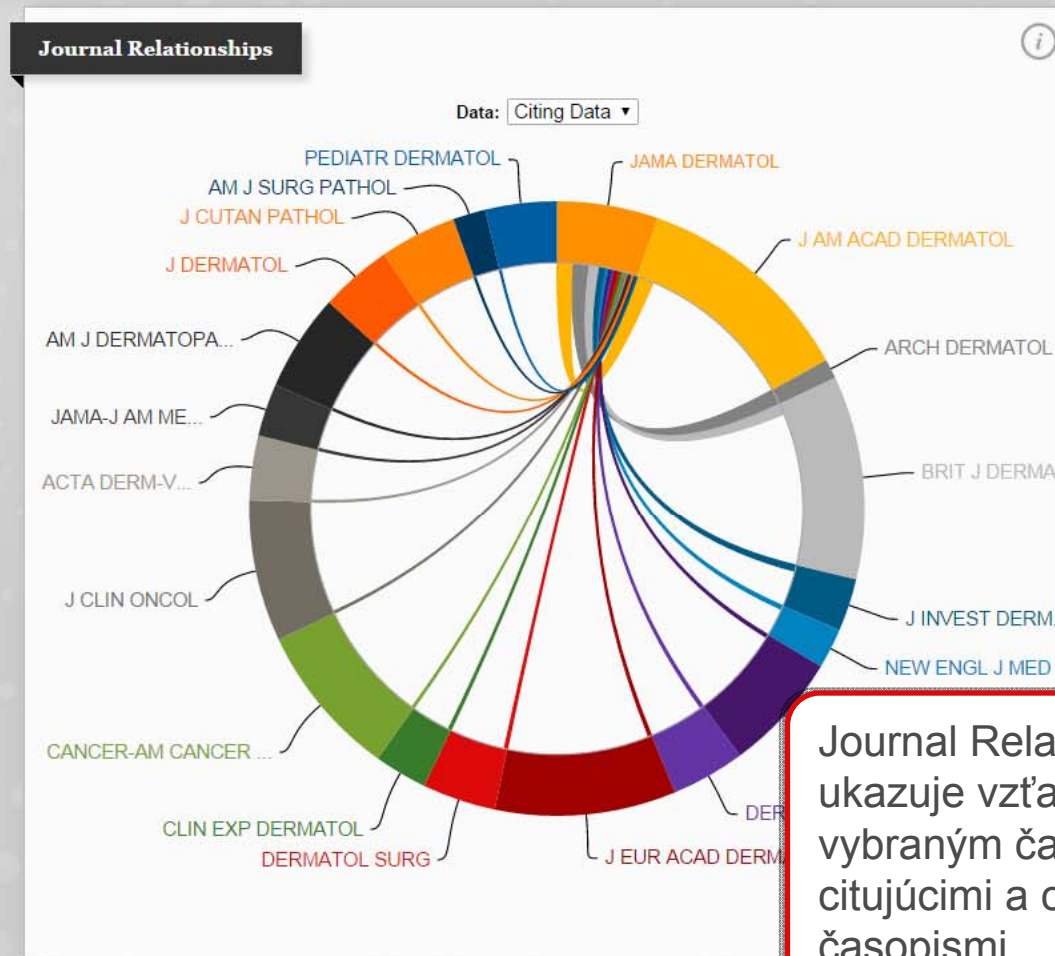
Rank

Cited Journal Data

Citing Journal Data

Box Plot

Journal Relationships



Journal Relationships ukazuje vzťah medzi vybraným časopisom a s citujúcimi a citovanými časopismi.

Go to Journal Profile



Journal Titles Ranked by Impact Factor

Hide Visualization —

Compare Journals

View Title Changes !

Select Journals

Select Categories

Select JCR Year

2012

Select Edition

SCIE SSCI

Category Schema

Web of Science

JIF Quartile

Select Publisher

Select Country/Territory

Impact Factor Range

to

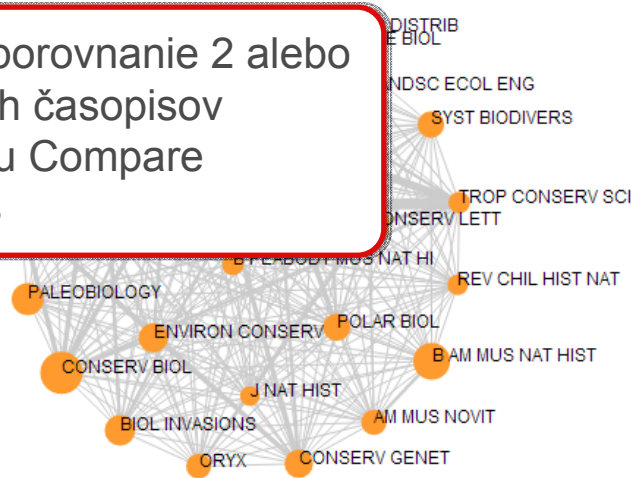
Clear

Submit

Journals By Rank

Categories By Rank

Priame porovnanie 2 alebo viacerých časopisov pomocou Compare Journals



1 - 25 of 40

Compare Selected Journals

Add Journals to Marked List

Customize Indicators

	Full Journal Title	Total Cites	Journal Impact Factor	5 Year Impact Factor
<input type="checkbox"/>	1 GLOBAL CHANGE BIOLOGY	18,398	6.910	7.819
<input type="checkbox"/>	2 DIVERSITY AND DISTRIBUTIONS	4,336	6.122	5.743
<input type="checkbox"/>	3 ECOGRAPHY	6,416	5.124	5.791
<input type="checkbox"/>	4 Conservation Letters	833	4.356	4.717
<input type="checkbox"/>	5 CONSERVATION BIOLOGY	15,836	4.355	5.462
<input type="checkbox"/>	6 BIOLOGICAL CONSERVATION	17,725	3.794	4.241

Compare Journals

1. Select Comparison

Quartile Trends

2. Select Journals

3. Select JCR Years

2004

2003

2002

2001

2000

1999

1998

1997

4. Select Metric

Impact Factor Without v

5. Select Category

Year	NATURE	SCIENCE
1997	26.581	24.088
1998	28.087	23.829
1999	28.841	24.011
2000	25.155	23.367
2001	27.300	22.757
2002	29.780	26.088
2003	30.345	29.149
2004	31.535	28.648
2005	28.289	26.089
2006	28.357	26.444
2007	28.263	25.857
2008	30.865	27.551
2009	33.855	29.315
2010	35.527	30.923
2011	35.707	30.778
2012	37.957	30.585

Compare Journals umožňuje okamžité porovnanie vybraných časopisov.



THOMSON REUTERS

A decorative graphic consisting of multiple parallel lines of orange dots of varying sizes, curving from the bottom left towards the top right, creating a sense of motion and depth.

ESSENTIAL SCIENCE INDICATORS

Úvod do ESI

- Zostavenie štatistík výkonu vedy a vedeckých trendov získaných z *Web of Science™ Core Collection*
- Rebríček najlepších autorov, inštitúcií, krajín a časopisov v 22 disciplínach
- Používa sa na analýzu odbornej literatúry
 - Na identifikáciu špičkových výskumníkov a inštitúcií v špecifických disciplínach
 - Na identifikáciu trendov a rozvíjajúcich sa oblastí výskumu
 - Na hodnotenie potenciálnych zamestnancov, spolupracujúcich inštitúcií, recenzentov, rovesníkov
 - Kto publikuje najhorúcejšie články v disciplíne?



ESI Data

- Približne 10 miliónov položiek z 11 855 časopisov
- Výskumné články a review články
 - Nezahrňuje listy redaktorom, korekcie apod.
- 10 ročný súbor dát
- Aktualizovaný každý druhý mesiac



Klasifikačný systém

- Multidisciplinárny nástroj pokrývajúci 22 disciplín

- Definícia disciplín:

<http://ipscience-help.thomsonreuters.com/incitesLive/ESIGroup/overviewESI/scopeCoverageESI/esiScopeNotes.html>

Agricultural Sciences
Biology & Biochemistry
Chemistry
Clinical Medicine
Computer Science
Ecology/Environment
Economics & Business
Engineering
Geosciences
Immunology
Material Sciences

Mathematics
Microbiology
Molecular Biology & Genetics
Multidisciplinary
Neuroscience & Behavior
Pharmacology & Toxicology
Physics
Plant & Animal Science
Psychology/Psychiatry
Social Sciences, general
Space Science



Citačné prahové hodnoty

	Percentil	Roky
Výskumník	1%	10
Inštitúcie	1%	10
Krajiny	50%	10
Časopisy	50%	10
Highly Cited Papers	1%	10
Hot Papers	0.1%	2



Výpočet citačných ohlasov

- Len data z indexovaných časopisov sú brané do úvahy. Citácie z kníh, kapitol nie sú brané do úvahy
- Všetky autori, inštitúcie a krajiny v článkoch sú brané do úvahy rovnocenne



Top Papers by Research Field

Results List

Research Fields

Filter Results By ?

Add Filter »

Include Results For

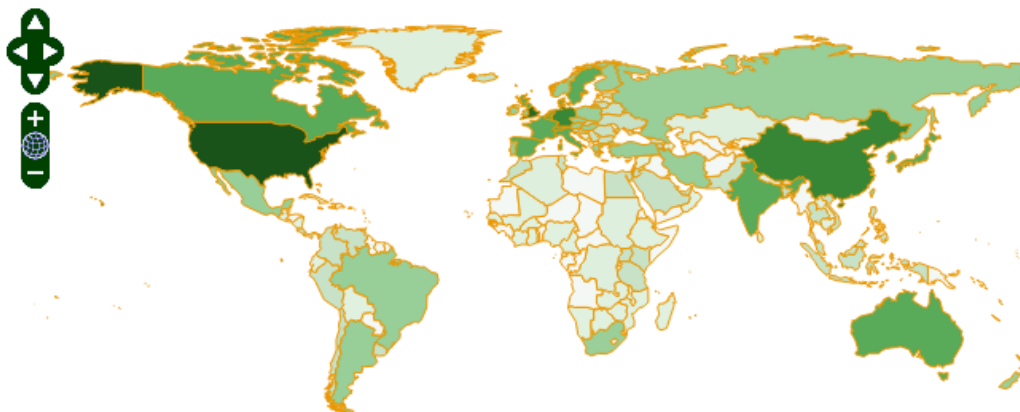
Top Papers

Start Over

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Hide Visualization —



0 62,782

Report View by Selection

Customize Indicators

	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CLINICAL MEDICINE	2,253,010	27,521,657	12.22	21,916
2	CHEMISTRY	1,388,528	16,239,387	11.70	13,986
3	PHYSICS	1,090,317	10,752,505	9.86	10,678
4	BIOLOGY & BIOCHEMISTRY	626,042	10,345,542	16.53	6,244
5	MOLECULAR BIOLOGY & GENETICS	355,172	9,074,716	25.55	3,554
6	NEUROSCIENCE & BEHAVIOR	430,478	7,499,141	17.42	4,334

Nové rozhranie JCR odráža zjednotený design.

Top Papers by Research Field

Results List

Research Fields

Filter Results By ?

Add Filter »

Include Results For

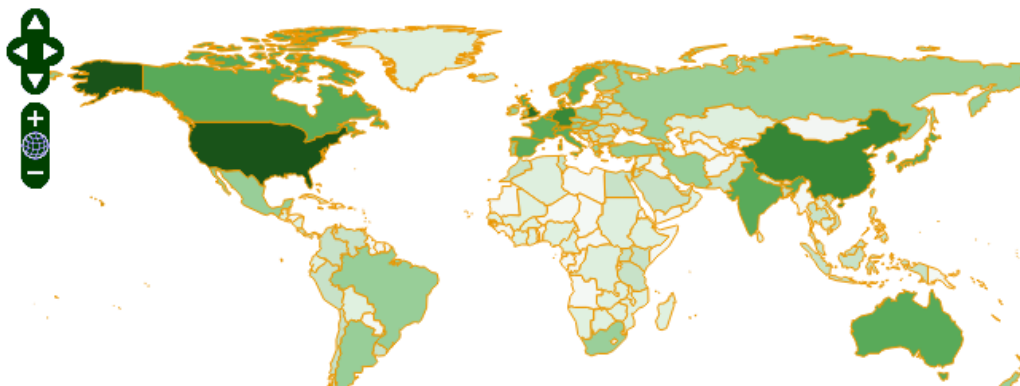
Top Papers

Start Over

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Hide Visualization —



0 62,782

Report View by Selection

Research Fields

Rank	Research Field	Count	Percentage	Average	Bar Value
1	CLINICAL MEDICINE	2,253,010	27,521,657	12.22	21,916
2	CHEMISTRY	1,388,528	16,239,387	11.70	13,986
3	PHYSICS	1,090,317	10,752,505	9.86	10,678
4	BIOLOGY & BIOCHEMISTRY	626,042	10,345,542	16.53	6,244
5	MOLECULAR BIOLOGY & GENETICS	355,172	9,074,716	25.55	3,554
6	NEUROSCIENCE & BEHAVIOR	430,478	7,499,141	17.42	4,334

Interaktívna mapa ukazuje rozloženie Top dokumentov po svete.

Vizualizácia ponúka okamžité porovnávanie.

Top Papers by Research Field

Results List

Countries-Territories

Filter Results By ?

Add Filter »

Include Results For

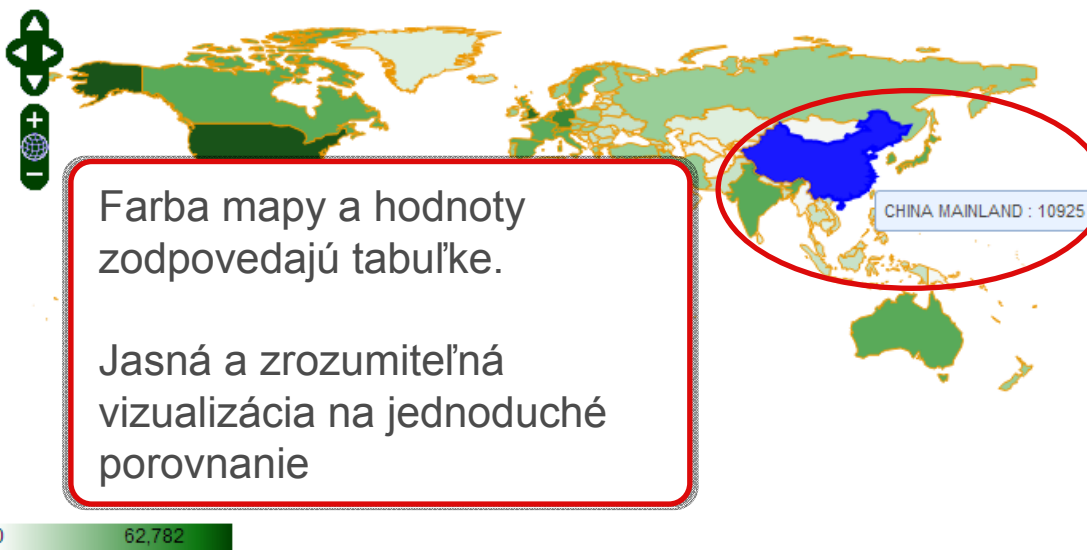
Top Papers

Start Over

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Hide Visualization —



Report View by Selection

Customize Indicators

	Countries-Territories	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	USA	3,480,260	57,292,717	16.46	62,782
2	GERMANY (FED REP GER)	905,226	12,879,469	14.23	14,017
3	ENGLAND	810,290	12,839,835	15.85	15,430
4	JAPAN	828,018	9,081,084	10.97	6,313
5	CHINA MAINLAND	1,247,899	8,932,716	7.16	10,925
6	FRANCE	643,222	8,595,039	13.36	9,106

Top Papers by Research Field

Results List

Research Fields

Filter Results By ?

Add Filter »

Include Results For

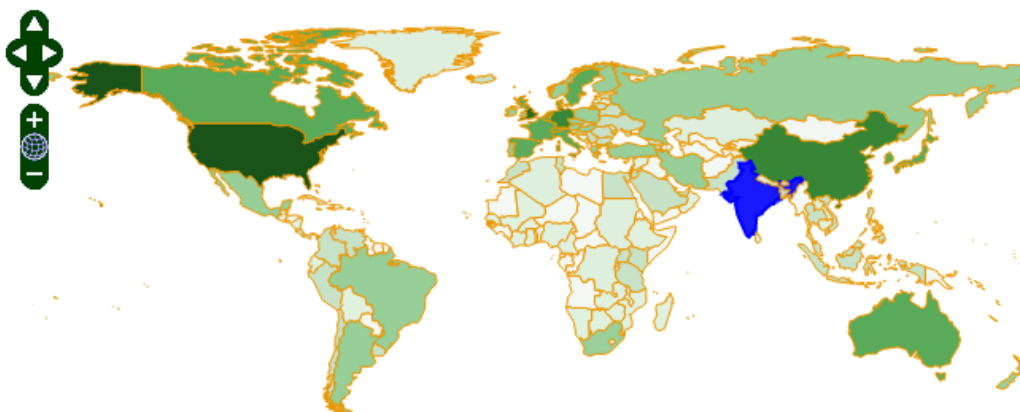
Top Papers

Start Over

Save Criteria

Map View by Top / Hot / Highly Cited Papers

Hide Visualization —



0 62,782

Report View by Selection

Customize Indicators

	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CHEMISTRY	269,469	2,355,348	8.74	2,40
2	PHYSICS	175,175	1,259,790	7.19	1,27
3	MATERIALS SCIENCE	135,046	898,011	6.65	1,30
4	CLINICAL MEDICINE	115,449	851,629	7.38	73
5	ENGINEERING	132,613	633,437	4.78	1,85
6	BIOLOGY & BIOCHEMISTRY	51,020	458,847	8.99	26
7	GEOSCIENCES	30,855	317,508	7.07	6

Kliknutím na jednotlivé krajiny aktualizujeme zoznam disciplín na daný región.

Rýchla a jednoduchá identifikácia kompetencií regiónov.

Top Papers by Research Field

Results List

- Research Fields
- Research Fields
- Authors
- Institutions
- Journals
- Countries-Territories
- Research Fronts

Start Over

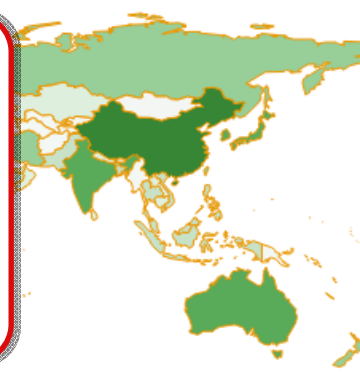
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Môžeme vytvoriť zoznam na rôzne entity.

Jednoduchá navigácia medzi typov a okamžitá aktualizácia zoznamu



Report View by Selection

Customize Indicators

	Research Fields	Web of Science Documents	Cites	Cites/Paper	Top Papers
1	CLINICAL MEDICINE	2,253,010	27,521,657	12.22	21,916
2	CHEMISTRY	1,388,528	16,239,387	11.70	13,986
3	PHYSICS	1,090,317	10,752,505	9.86	10,678
4	BIOLOGY & BIOCHEMISTRY	626,042	10,345,542	16.53	6,244
5	MOLECULAR BIOLOGY & GENETICS	355,172	9,074,716	25.55	3,554
6	NEUROSCIENCE & BEHAVIOR	430,478	7,499,141	17.42	4,334

Top Papers by Research Field

Results List

Institutions

Filter Results

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Include Results

Highly-Cited

Start Over

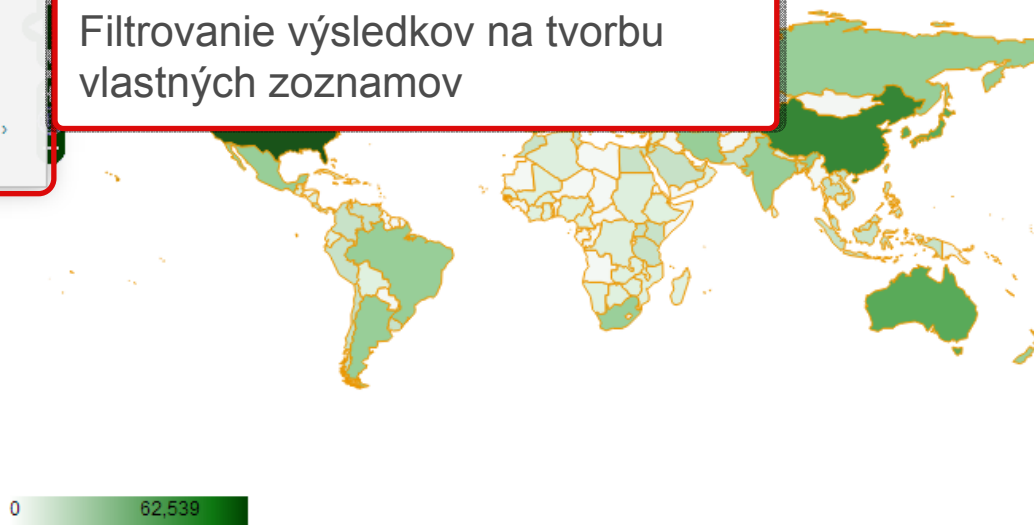
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- Attributes ?
- Research Fields »
- Institutions »
- Countries-Territories »

Map View by Top / Hot / Highly Cited Papers

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Filtrovane výsledkov na tvorbu vlastných zoznamov



Report View by Selection

Customize Indicators

	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly-Cited Papers
1	UNIV CALIF SYSTEM	329,707	7,321,968	22.21	10,267
2	HARVARD UNIV	155,063	4,528,263	29.20	6,975
3	US DEPT HLTH HUMAN SERVICES	108,690	3,150,524	28.99	3,855
4	UNIV LONDON	150,195	2,819,458	18.77	3,649
5	UNIV TEXAS SYS	129,249	2,616,309	20.24	3,385
-	NATI INST HLTH	-	-	-	-

Top Papers by Research Field

Results List

Institutions

Filter Results

Add Filter »

Include Results

Highly-Cited Papers


Start Over Save Criteria

Map View by Top / Hot / Highly Cited Papers

Back Search Countries-Territories

✕ JAPAN kore

SOUTH KOREA



0 62,539

Report View by Selection Customize Indicators

	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly-Cited Papers
1	UNIV TOKYO	79,447	1,221,655	15.38	1,219
2	KYOTO UNIV	58,454	850,634	14.55	710
3	JST	32,050	723,701	22.58	771
4	OSAKA UNIV	47,981	693,917	14.46	613
5	TOHOKU UNIV	46,773	555,742	11.88	457
6	RIKEN	23,273	458,022	19.68	523
7	NAGOYA UNIV	20,070	400,000	19.91	500

Filtrovanie inštitúcií na špecifickú krajinu/región

Rozhranie automaticky doplňuje názvy krajín umožňujúci rýchle a jednoduché pridávanie filtrov.

Zoznam je aktualizovaný ihneď.

Top Papers by Research Field

Results List

Institutions

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Highly-Cited

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Map View by Top / Hot / Highly Cited Paper

Back Search Fields

- + Agricultural Sciences
- + 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 & Toxicology
- + Physics
- + Plant & Animal Science
- + Psychiatry/Psychology
- + Social Sciences, General
- + Space Science

Alebo obmedzenie výsledkov na špecifickú kategóriu. Vyberte si jeden alebo viac disciplín.

Zoznam je aktualizovaný ihneď.



Customize Indicators		
Cites ▾	Cites/Paper	Highly-Cited Papers
240,690	10.00	596
107,743	8.98	312
90,184	11.50	225
88,079	8.44	204

Top Papers by Research Field

Results List

Institutions

Filter Results By ?

Add Filter »

Include Results For

- Hot Papers
- Top Papers
- Highly-Cited Papers
- Hot Papers**

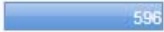

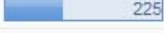
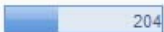
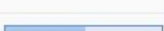
Obmedzenia v pravom stĺpci výsledkov:

Highly Cited Papers =
(top 1% v každej disciplíne/rok)

Hot papers =
(top 0.1% publikácií v posledných 2 rokoch na základe počtu citačných ohlasov v posledných 2 mesiacoch)

Top papers =
Highly Cited Papers a Hot Papers

Highly Cited and Hot Papers sú užitočné nástroje na identifikáciu excelentných a horúcich výskumov. Tabuľka aj mapa sa aktualizujú okamžite.

	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly-Cited Papers
1	UNIV CALIF SYSTEM	24,075	240,690	10.00	 596
2	US DEPT ENERGY	12,004	107,743	8.98	 312
3	MIT	7,844	90,184	11.50	 225
4	SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN	10,437	88,079	8.44	 204
5	CHINESE ACAD	11,700	88,000	7.52	

Top Papers by Research Field

Results List

Institutions

Filter Results By ?

Add Filter »

Include Results For

Highly-Cited Papers

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Save Criteria

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Report View by Selection

Customize Indicators

	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly-Cited Papers
1	UNIV CALIF SYSTEM	24,075	240,690	10.00	596
2	US DEPT ENERGY	12,004	107,743	8.98	312
3	MIT	7,844	90,184	11.50	225
4	SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN	10,437	88,079	8.44	204
5	CHINESE ACAD	11,700	88,000	7.52	198

Uloženie kritérií v každej fáze.

Prístup k reportom neskôr na základe aktualizovaných dát.

Top Papers by Research Field

Results List

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Map View by Top / Hot / Highly Cited Papers

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Report View by Selection

Customize Indicators

	Institutions	Web of Science Documents
1	UNIV CALIF SYSTEM	24,075
2	US DEPT ENERGY	12,004
3	MIT	7,844
4	SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN	10,437
5	CHINESE ACAD	4,500

Customize Indicators

Cites to Highly-Cited Papers Cites/Highly-Cited Paper

Vlastný zoznam ukazateľov

OK

Top Papers by Research Field

Results List

Institutions

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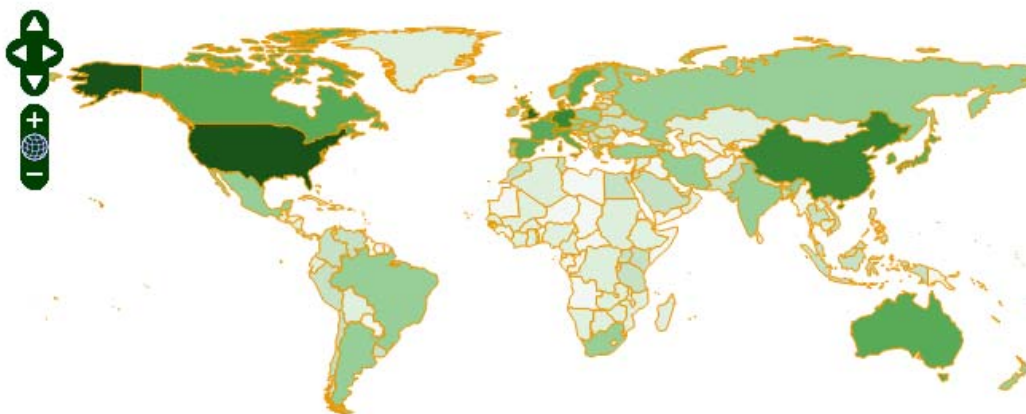
Highly-Cited Papers

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Save Criteria

Map View by Top / Hot / Highly Cited Papers

Hide Visualization —



0 62,539

Report View by Selection

Zoradenie výsledkov na základe rôznych indikátorov a filtrovanie

Institutions	Web of Science Documents	Cites	Cites Paper	Top Papers
46 UNIV TOKYO	Sort Ascending	28,150	5.07	42
72 TOKYO INST TECHNOL	Sort Descending		4.61	32
582 TOKYO UNIV SCI	Filters	669	2,955	4
585 TOKYO METROPOLITAN UNIV		688	12,917	4
630 TOKYO UNIV AGR & TECHNOL		619	3,831	8

Top Papers by Research Field

Results List

Institutions

Filter Results By ?

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Highly-Cited Papers

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Map View by Top / Hot / Highly Cited Papers

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Drag and drop stĺpce.

Prispôsobenie zobrazenia podľa vlastných preferencií

Report View by Selection

	Institutions	Cites	Web of Science Documents	Cites/Paper	Top Papers
1	UNIV CALIF SYSTEM	240,690	24,075	10.00	598
2	US DEPT ENERGY	107,743	12,004	8.98	312
3	MIT	90,184	7,844	11.50	225
4	SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN	88,079	10,437	8.44	205
5	CHINESE ACAD	88,000	11,700	7.52	195

Top Papers by Research Field

Results List

Institutions

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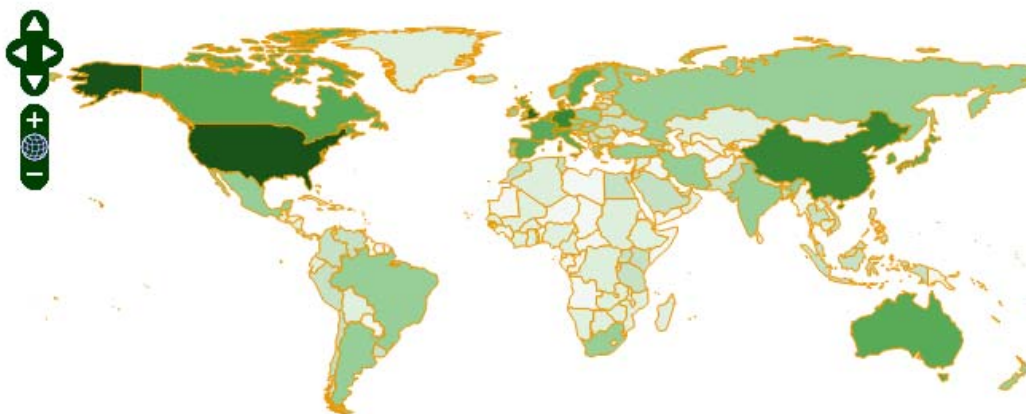
Highly-Cited Papers

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Map View by Top / Hot / Highly Cited Papers

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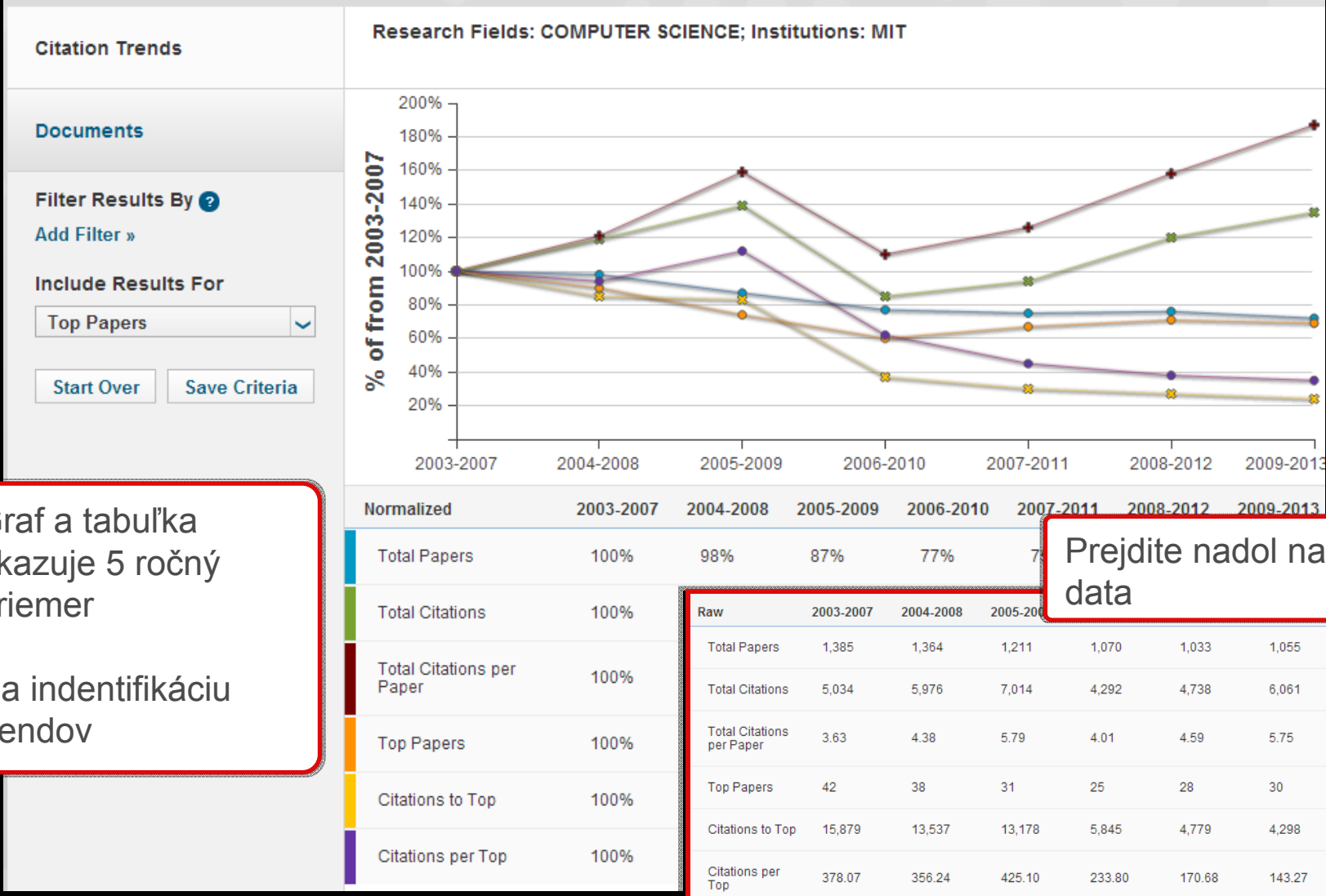
Report View by Selection

	Institutions	Web of Science Documents	Cites	Cites/Paper	
1	UNIV CALIF SYSTEM	24,075	240,690	10.00	596
2	US DEPT ENERGY	12,004	107,743	8.98	312
3	MIT	7,844	90,184	11.50	225
4	SWISS FEDERAL INSTITUTES OF TECHNOLOGY DOMAIN	10,437	88,079	8.44	204
5	CHINESE ACAD	11,700	88,000	7.52	196

Kliknutím na entitu sa zobrazia detaily

Alebo kliknutím na graf sa zobrazia články

Top Papers by Research Field

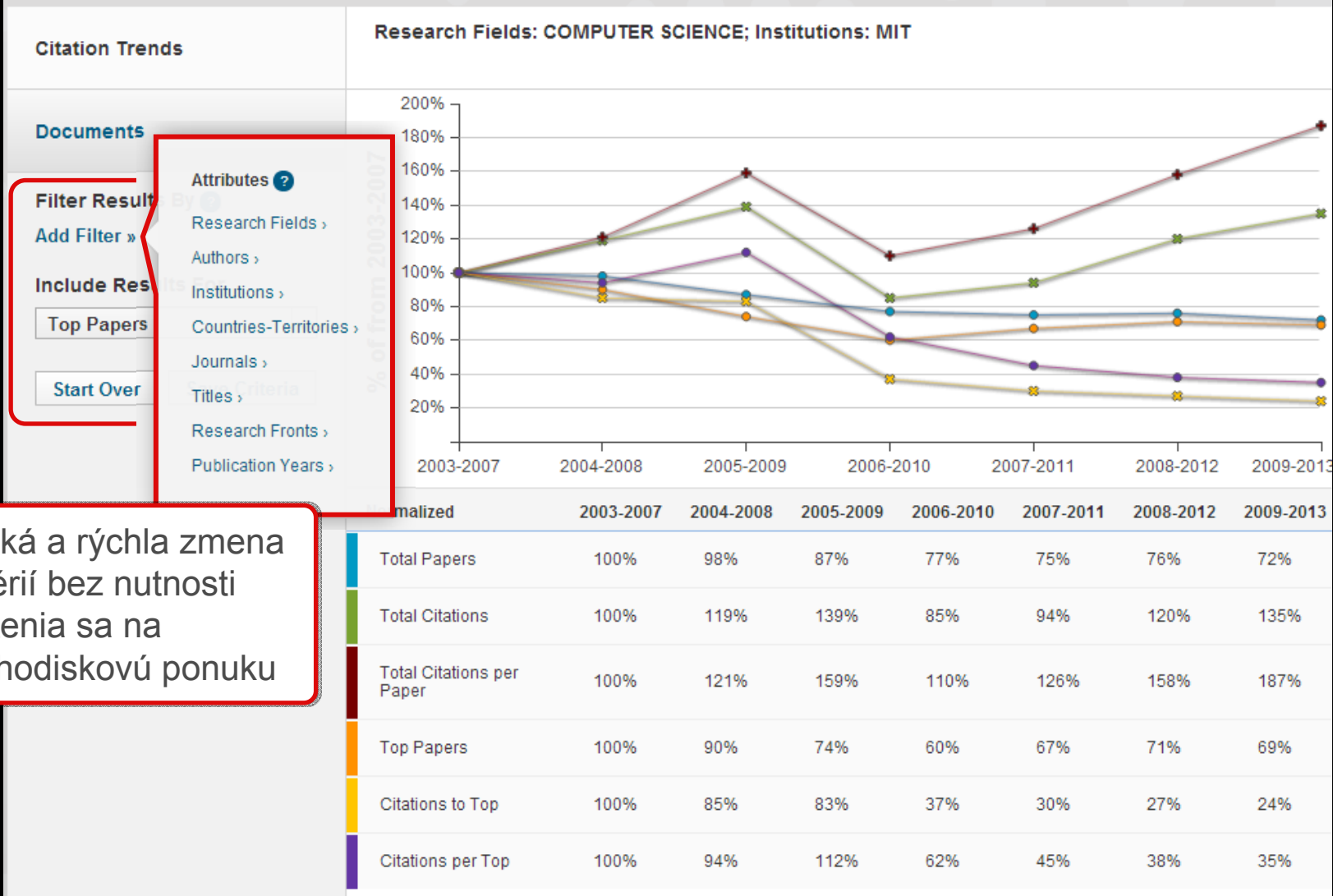


Graf a tabuľka ukazuje 5 ročný priemer

Na indentifikáciu trendov

Prejdite nadol na data

Top Papers by Research Field



Documents

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- Research Fields ›
- Authors ›
- Institutions ›
- Countries-Territories ›
- Journals ›
- Titles ›
- Research Fronts ›
- Publication Years ›

Ľahká a rýchla zmena kritérií bez nutnosti vrátenia sa na východiskovú ponuku



Top Papers by Research Field

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1 - 7 of 7

1 **TUNING UPCONVERSION THROUGH ENERGY MIGRATION IN CORE-SHELL NANOPARTICLES**

Times Cited: 184



ESI Hot

By: CHEN, XY; DENG, RR; HAN, Y; et al
Source: NAT MATER 10 (12): 968-973 DEC 2011
Research Fields: MATERIALS SCIENCE

2 **ELECTRONICS AND OPTOELECTRONICS OF TWO-DIMENSIONAL TRANSITION METAL DICHALCOGENIDES**

Times Cited: 117



ESI Hot

By: COLEMAN, JN; KALANTAR-ZADEH, K; KIS, A; et al
Source: NAT NANOTECHNOL 7 (11): 699-712 NOV 2012
Research Fields: MATERIALS SCIENCE

3 **RAPID CASTING OF PATTERNED VASCULAR NETWORKS FOR PERFUSABLE ENGINEERED THREE-DIMENSIONAL TISSUES**

Times Cited: 25



ESI Hot



Research Front

By: BAKER, BM; BHATIA, SN; CHATURVEDI, R; et al
Source: NAT MATER 11 (9): 768-774 SEP 2012
Research Fields: MATERIALS SCIENCE

4 **SOLID-STATE DEWETTING OF THIN FILMS**

Times Cited: 20



ESI Hot

By: THOMPSON, CV;
Source: ANNU REV MATER RES 42: 399-434 2012
Research Fields: MATERIALS SCIENCE

5 **CARBON NANOTUBES: PRESENT AND FUTURE COMMERCIAL APPLICATIONS**

Times Cited: 17



ESI Hot

By: BAUGHMAN, RH; DE VOLDER, MFL; HART, AJ; et al

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Source: NAT MATER 10 (12): 968-973 DEC 2011
Research Fields: MATERIALS SCIENCE

2 **ELECTRONICS AND OPTOELECTRONICS OF TWO-DIMENSIONAL METAL DICHALCOGENIDES**
By: COLEMAN, JN; KALANTAR-ZADEH, K; KIS, A; et al
Source: NAT NANOTECHNOL 7 (11): 699-712 NOV 2012
Research Fields: MATERIALS SCIENCE

3 **RAPID CASTING OF PATTERNED VASCULAR NETWORKS IN ENGINEERED THREE-DIMENSIONAL TISSUES**
By: BAKER, BM; BHATIA, SN; CHATURVEDI, R; et al
Source: NAT MATER 11 (9): 768-774 SEP 2012
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Source: ANNU REV MATER RES 42: 399-434 2012
Research Fields: MATERIALS SCIENCE
Times Cited: 20
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By: BAUGHMAN, RH; DE VOLDER, MFL; HART, AJ; et al
Research Fields: MATERIALS SCIENCE
Times Cited: 17
ESI Hot

Vlastné zobrazenie

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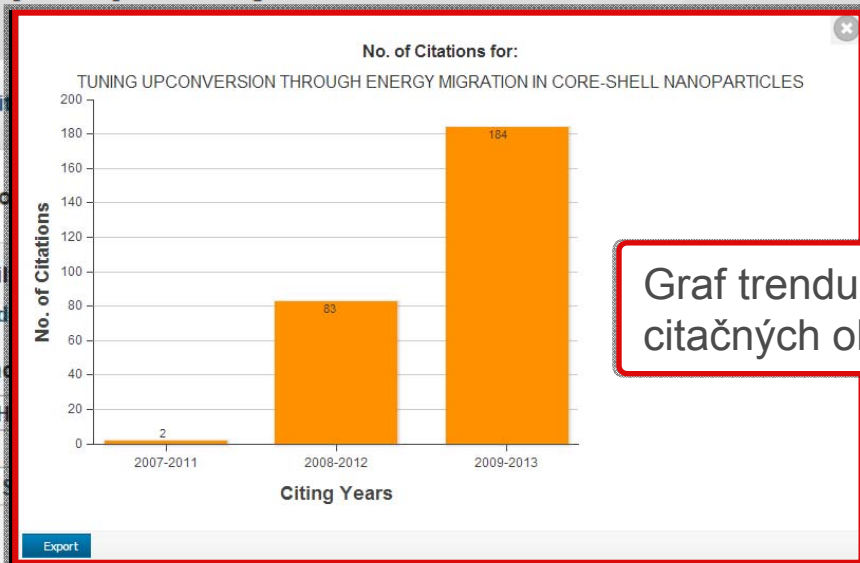
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<input checked="" type="checkbox"/> Hot Paper	<input type="checkbox"/> Addresses
<input checked="" type="checkbox"/> Research Front	<input type="checkbox"/> Countries
	<input type="checkbox"/> Institutions
	<input checked="" type="checkbox"/> Source
	<input checked="" type="checkbox"/> Research Field

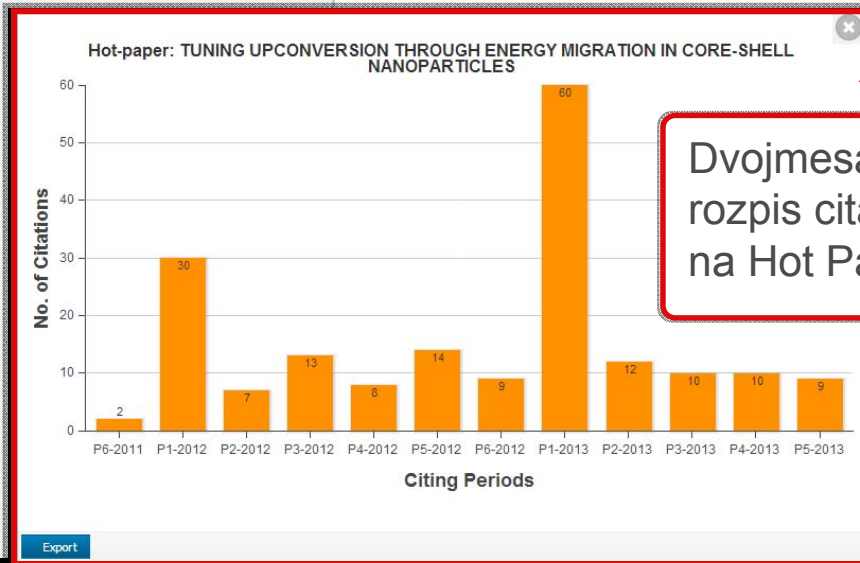
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Top Papers by Research Field



Graf trendu citačných ohlasov



Dvojmesačný rozpis citácií na Hot Papers

Customize Documents 1 - 7 of 7

ENERGY MIGRATION IN CORE-SHELL **Times Cited: 184**
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OF TWO-DIMENSIONAL TRANSITION **Times Cited: 117**
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NETWORKS FOR PERFUSABLE **Times Cited: 25**
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Research Front

Times Cited: 20
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Vizualizácia pomôže v identifikovaní trendov

Top Papers by Research Field

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Documents






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2	<p>ELECTRONICS AND OPTOELECTRONIC METAL DICHALCOGENIDES</p> <p>By: COLEMAN, JN; KALANTAR-ZADEH, K</p> <p>Source: NAT NANOTECHNOL 7 (11): 699</p> <p>Research Fields: MATERIALS SCIENCE</p>	<p>117</p>
3	<p>RAPID CASTING OF PATTERNED VASCULAR NETWORKS FOR PERFUSABLE ENGINEERED THREE-DIMENSIONAL TISSUES</p> <p>By: BAKER, BM; BHATIA, SN; CHATURVEDI, R; et al</p> <p>Source: NAT MATER 11 (9): 768-774 SEP 2012</p> <p>Research Fields: MATERIALS SCIENCE</p>	<p>Times Cited: 25</p> <p> ESI Hot</p> <p> Research Front</p>
4	<p>SOLID-STATE DEWETTING OF THIN FILMS</p> <p>By: THOMPSON, CV;</p> <p>Source: ANNU REV MATER RES 42: 399-434 2012</p> <p>Research Fields: MATERIALS SCIENCE</p>	<p>Times Cited: 20</p> <p> ESI Hot</p>
5	<p>CARBON NANOTUBES: PRESENT AND FUTURE COMMERCIAL APPLICATIONS</p> <p>By: BAUGHMAN, RH; DE VOLDER, MFL; HART, AJ; et al</p>	<p>Times Cited: 17</p> <p> ESI Hot</p>

Každý odkaz vytvorí novú analýzu na základe daného subjektu

Jednoduché objavenie súvisiacich položiek



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By: CHEN, XY; DENG, RR; HAN, Y; et.al
Source: NAT MATER 10 (12): 968-973 DEC 2011
Research Fields: MATERIALS SCIENCE
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2 **ELECTRONICS AND METAL DICHALCOGENIDES**
By: COLEMAN, JN; KIM, J
Source: NAT NANOTECHNOL 2 (12): 1199-1203 DEC 2011
Research Fields: MATERIALS SCIENCE

3 **RAPID CASTING OF ENGINEERED THREE-DIMENSIONAL NANOPARTICLES**
By: BAKER, BM; BHAJAN, S
Source: NAT MATER 10 (12): 968-973 DEC 2011
Research Fields: MATERIALS SCIENCE

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Tuning upconversion through energy migration in core-shell nanoparticles

By: Wang, F (Wang, Feng)^[1]; Deng, RR (Deng, Renren)^[1]; Wang, J (Wang, Juan)^[1]; Wang, QX (Wang, Qingxiao)^[2,3]; Han, Y (Han, Yu)^[2,3]; Zhu, HM (Zhu, Haomiao)^[4]; Chen, XY (Chen, Xueyuan)^[4]; Liu, XG (Liu, Xiaogang)^[1,5,6]

NATURE MATERIALS
Volume: 10 Issue: 12 Pages: 968-973
DOI: 10.1038/NMAT3149
Published: DEC 2011
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Times Cited: 17

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Prístup k detailným bibliografickým informáciám, k citujúcim a citovaným článkom a k plnému textu.

Jednoduchá navigácia medzi produktami



Top Papers by Research Field

Citation Trends

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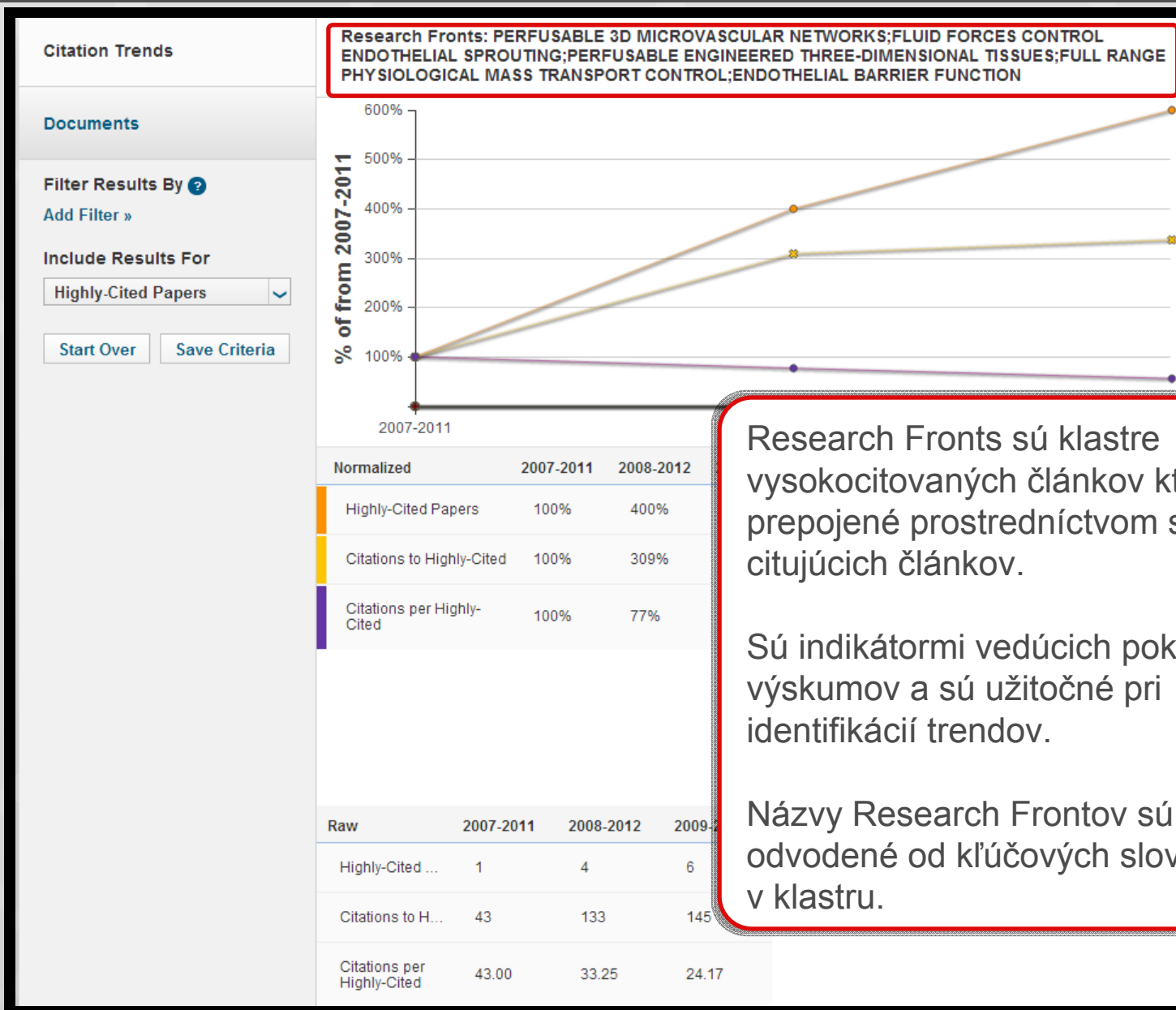
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1	TUNING UPCONVERSION THROUGH ENERGY MIGRATION IN CORE-SHELL NANOPARTICLES By: CHEN, XY; DENG, RR; HAN, Y; et.al Source: NAT MATER 10 (12): 968-973 DEC 2011 Research Fields: MATERIALS SCIENCE	Times Cited: 184 ESI Hot
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3	RAPID CASTING OF PATTERNED VASCULAR NETWORKS FOR PERFUSABLE ENGINEERED THREE-DIMENSIONAL TISSUES By: BAKER, BM; BHATIA, SN; CHATURVEDI, R; et.al Source: NAT MATER 11 (9): 768-774 SEP 2012 Research Fields: MATERIALS SCIENCE	Times Cited: 25 ESI Hot Research Front
4	SOLID-STATE DEWETTING OF THIN FILMS By: THOMPSON, CV; Source: ANNU REV MATER RES 42: 399-434 2012 Research Fields: MATERIALS SCIENCE	
5	CARBON NANOTUBES: PRESENT AND FUTURE COMMERCIAL APPLICATIONS By: BAUGHMAN, RH; DE VOLDER, MFL; HART, AJ; et.al	Times Cited: 17 ESI Hot

Táto ikon označuje, že dokument je súčasťou Research Front.

Kliknutím na odkaz sa zobrazí daný Research Front



Research Fronts sú klastre vysokocitovaných článkov ktoré sú prepojené prostredníctvom spoločne citujúcich článkov.

Sú indikátormi vedúcich pokrokových výskumov a sú užitočné pri identifikácií trendov.

Názvy Research Frontov sú odvodené od kľúčových slov článkov v klastru.

Indicators



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Top Papers by Research Field

Results List

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Highly-Cited Papers

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Map View by Top / Hot / Highly Cited Papers



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Report View by Selection

Customize Indicators

	Institutions	Web of Science Documents	Cites	Cites/Paper	Highly-Cited Papers
1	UNIV CALIF SYSTEM	24,075	240,690	10.00	596

Uloženie dát v rôznych formátoch.

Okamžité zahrňovanie dát do svojich reportov

Vytlačenie stránky.

Otvorenie uložených kritérií



Indicators

Field Baselines

Citation Thresholds

Citation Rates	RESEARCH FIELDS ^	2003	2004	2005	2006	2007	2008
	ALL FIELDS	22.09	20.79	18.98	16.82	14.74	12.30
Percentiles	AGRICULTURAL SCIENCES	16.19	15.13	13.79	12.28	10.22	7.97
	BIOLOGY &						

Citation Rates	RESEARCH FIELDS ^	2003	2004	2005	2006	2007
	ALL FIELDS					
Percentiles	0.01%	1,692	1,419	1,316	1,100	995
	0.10%	592	530	477	419	363
	1.00%	192	178	159	139	121
	10.00%	51	48	44	39	34

Citation Rates	RESEARCH FIELDS ^	No. OF PAPERS
	AGRICULTURAL SCIENCES	
Percentiles	BIOLOGY & BIOCHEMISTRY	626,042
	CHEMISTRY	1,388,528
Field Rankings	CLINICAL MEDICINE	2,253,010
	COMPUTER SCIENCE	329,707
	ECONOMICS & BUSINESS	207,131
	ENGINEERING	925,838
	ENVIRONMENT/ECOLOGY	322,723
	GEOSCIENCES	345,742
	IMMUNOLOGY	208,234
	MATERIALS SCIENCE	581,958
	MATHEMATICS	335,151
	MICROBIOLOGY	162,804

Základné hodnoty disciplín na citačný pomer, percentily a analýza disciplín.

Jednoduchá interpretácia dát



Citation Thresholds

A citation threshold is the minimum number of citations obtained by ranking papers in a research field in descending order by citation count and then selecting the top fraction or percentage of papers.

The **ESI Threshold** reveals the number of citations received by the top 1% of authors and institutions and the top 50% of countries and journals in a 10-year period.

	RESEARCH FIELDS ^	AUTHOR	INSTITUTION	JOURNAL
ESI Thresholds	AGRICULTURAL SCIENCES	314	1,238	975
Highly Cited Thresholds	BIOLOGY & BIOCHEMISTRY	826	4,337	4,744
Hot Paper Thresholds	CHEMISTRY			
	CLINICAL MEDICINE			

	RESEARCH FIELDS ^	2003	2004	2005	2006	2007
ESI Thresholds	AGRICULTURAL SCIENCES	115	106	91	79	67
Highly Cited Thresholds	BIOLOGY & BIOCHEMISTRY	237	219	196	167	145
	CHEMISTRY	171	167	153	136	118
	CLINICAL MEDICINE	215	199	184	158	133

	RESEARCH FIELDS ^	2011-6	2012-1	2012-2	2012-3
ESI Thresholds	AGRICULTURAL SCIENCES	4	4	4	4
Highly Cited Thresholds	BIOLOGY & BIOCHEMISTRY	7	8	6	8
	CHEMISTRY	6	6	5	6
Hot Paper Thresholds	CLINICAL MEDICINE	7	7	9	8
	COMPUTER SCIENCE	5	5	4	4
	ECONOMICS & BUSINESS	5	5	4	4
	ENGINEERING	5	4	5	5
	ENVIRONMENT/ECOLOG Y	6	5	8	7
	GEOSCIENCES	6	5	7	4
	IMMUNOLOGY	8	8	11	8
	MATERIALS SCIENCE	6	5	6	6
	MATHEMATICS	3	3	4	3

Prahové hodnoty pre zaradenie článkov do ESI, Highly Cited Papers a Hot Papers

Dostupná a jasná politika výberu umožňuje jednoduché pochopenie, prečo niektoré objekty sú zahrnuté alebo vylúčené.



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Thank you for participating in this survey concerning the new version of the Essential Science Indicators (ESI) on the InCites platform. If you have not yet has an opportunity to use the new version please close the survey now.

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simon.pratt@thomsonreuters.com

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