



How to improve research performance?

UMCS, Lublin

Piotr Gońkiewicz, Product Sales Manager, Elsevier B.V.

18.03.2013



Through our data, we can provide various insights that help answer your key questions



Demonstrating Excellence

- What are the research strengths of my institute?

Collaboration and Competition

- Which researchers/institutions are strong in the field as well?

Evaluations

- Measuring research performance based on some additional objective indicators.

Raise and Defend Funding

- Have facts at hand to show expertise to funding bodies

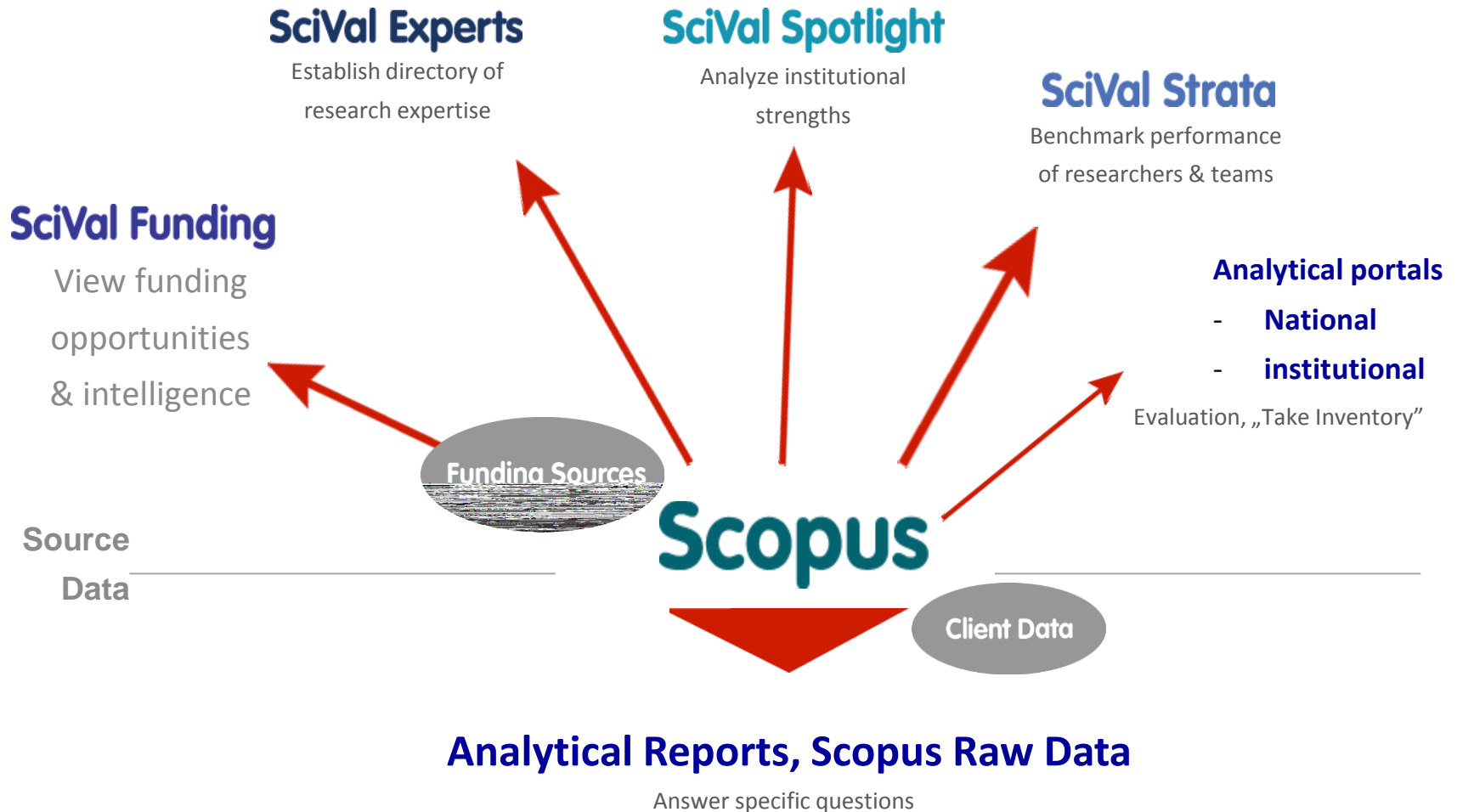
Recruitment and Retention

- Finding new faculty members is the highest priority issue on the administrative agenda.

Facilitating cooperation inter- and externally

- How can we assemble research teams easily?

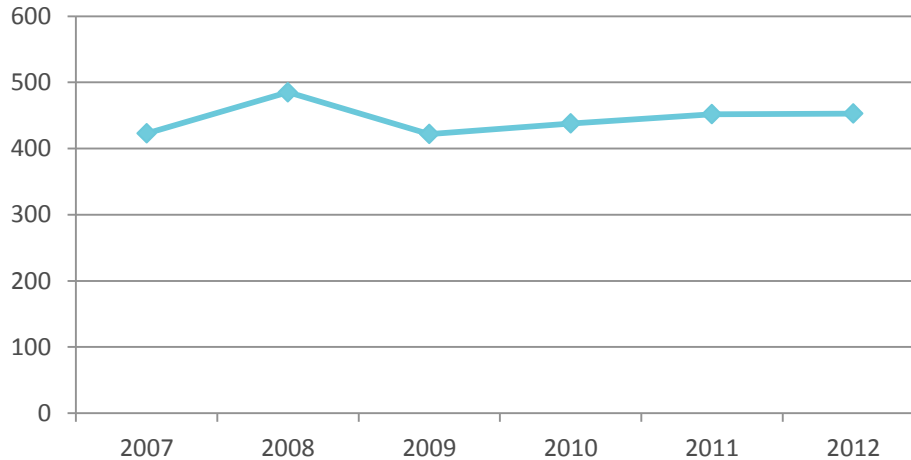
The components of the SciVal suite



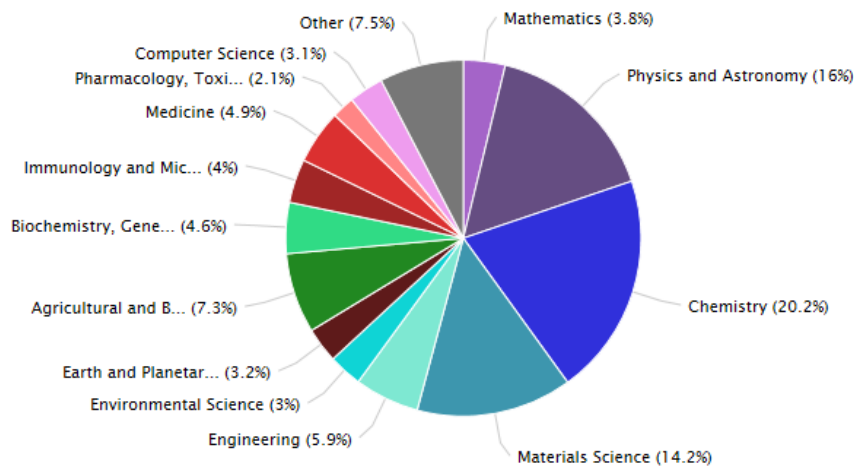
Publication output 2007-2011



UMCS



Publication output flat to slightly growing over 5 years



Chemistry, Physics and Materials Science are among most popular science areas, followed by Agricultural and Biological Sciences



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



SciVal Spotlight focuses on the top quality output via latest information technologies



2,220
articles in Scopus

Researchers at Maria Curie-Skłodowska University published 2,220 articles over the period 2007-2011.

[View the list of articles in SciVerse Scopus](#)



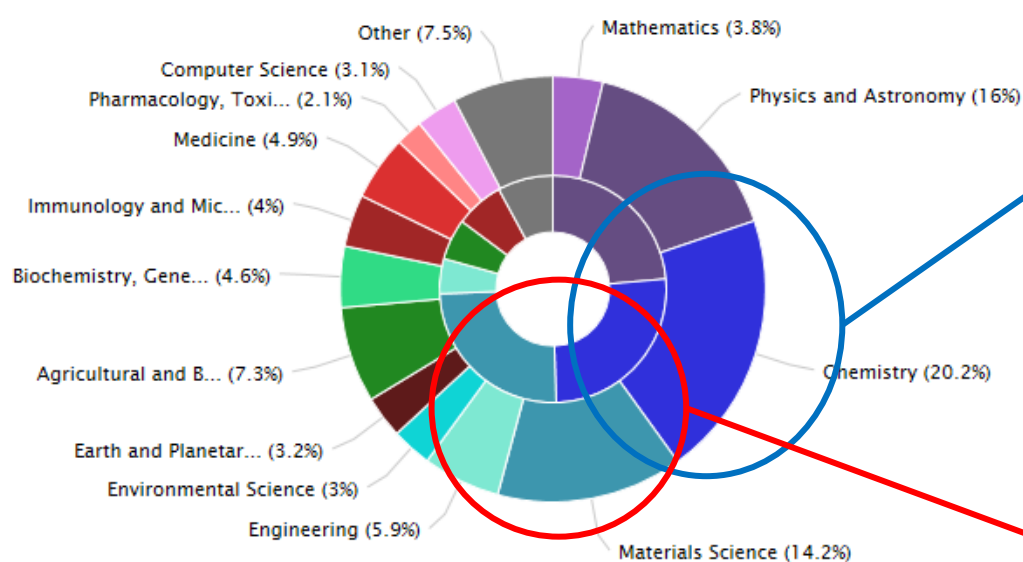
Article Output per Subject Area (2011)

All published articles | Articles in competencies | **Both**

Pie chart

Bar chart

- 20,2% of published articles are within Chemistry however it contributes to 26% of the competency articles



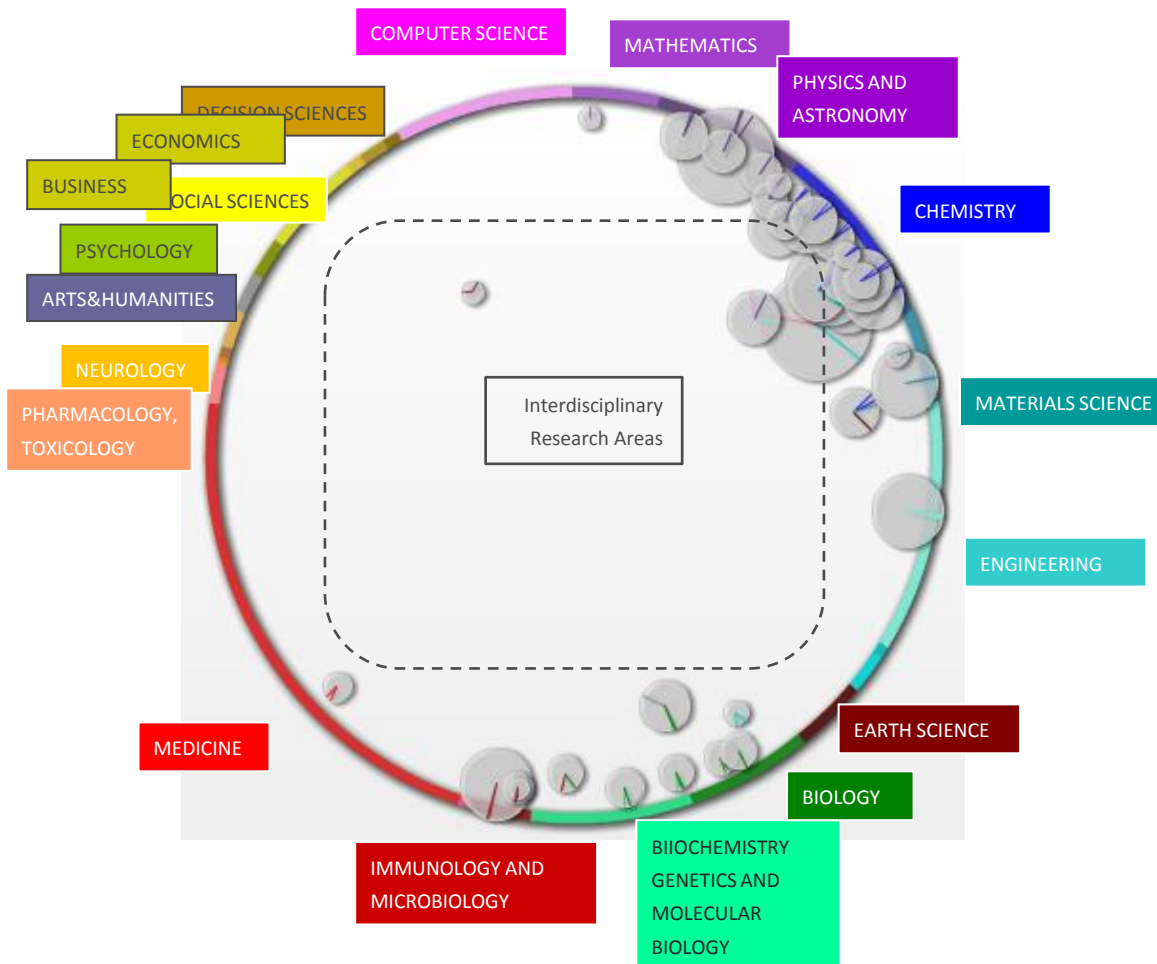
- Materials Science contribute 14,2% to publications vs. 24,8% to competencies

Outer ring: All published articles, by subject area
Inner ring: Articles in competencies, by subject area

Note: Scopus subject classification used

Research Strength and Focus Areas of UMCS

institution **Maria Curie-Skłodowska University** | year **2011** | [Change](#)

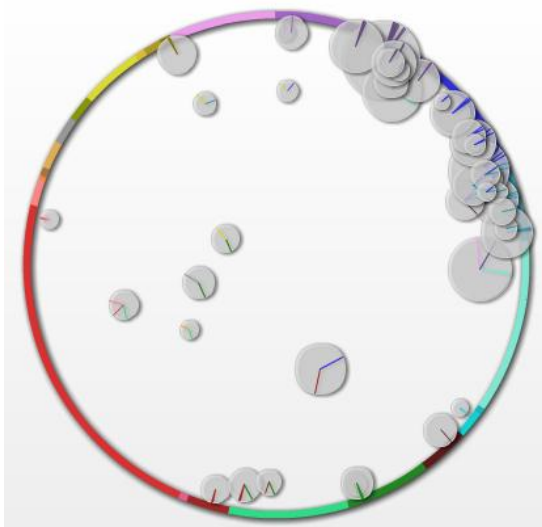


- UMCS is already leading these specific competencies or is on the edge of becoming leader
- Coloured bars and positioning on the ring indicate subject area where it is connected to
- Competencies in the middle are those most interdisciplinary ones. Most competencies of UMCS are mono-disciplinary

Competencies development over time

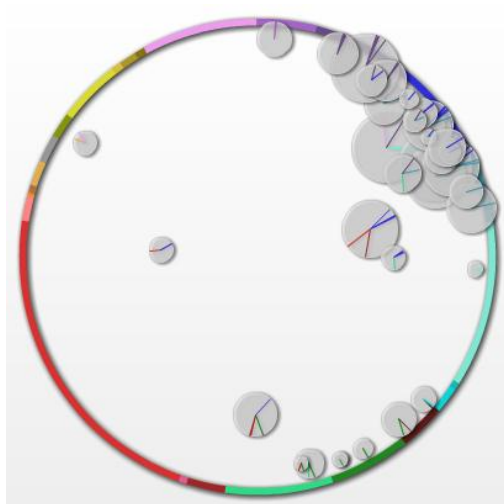
2009

44 competencies



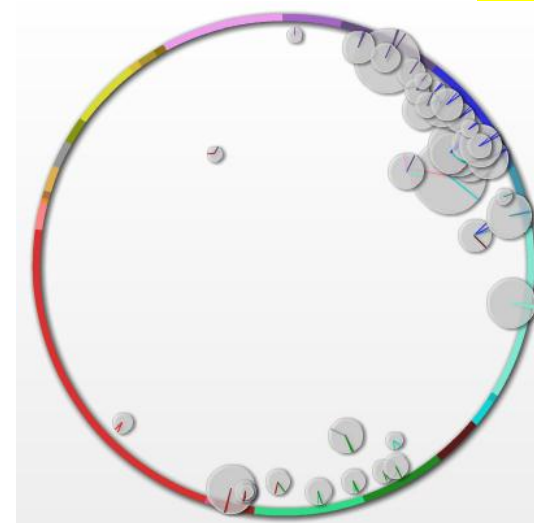
2010

37 competencies



2011

41 competencies



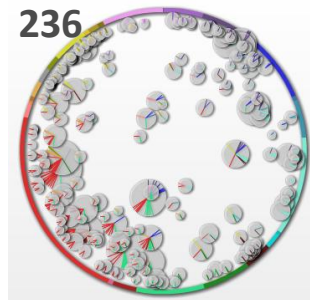
CAGR
-3,5%

- Stable to decreasing number of competencies over the last 3 years
- Decreasing number of interdisciplinary competencies
- Prevalance of Chemistry and Physics

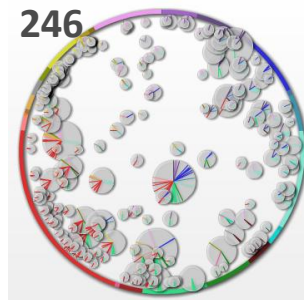
Competencies development over time – Shanghai list examples

Cambridge
No. 5

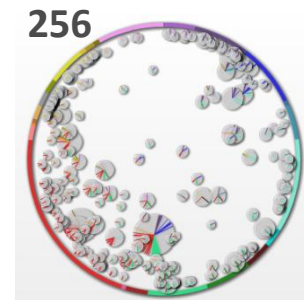
2009



2010

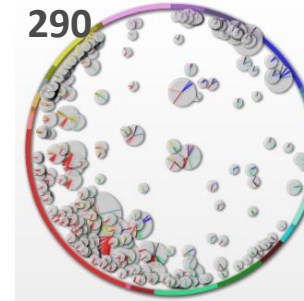
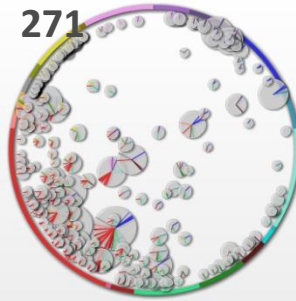
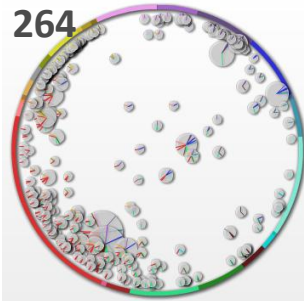


2011



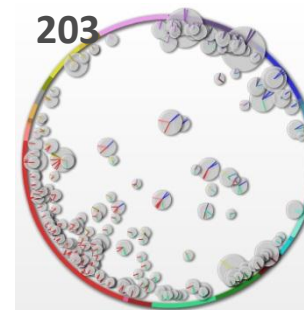
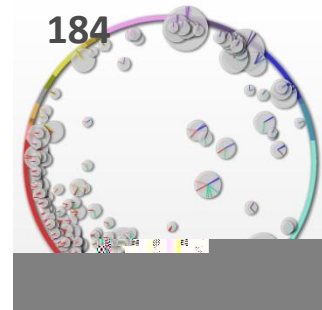
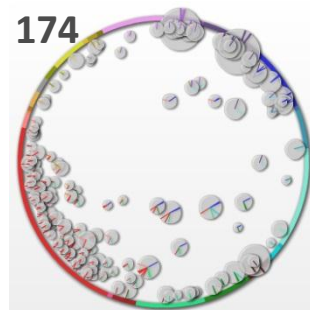
CAGR
4,2%

Oxford
No. 10



CAGR
4,8%

Charles University
Top 200-300



CAGR
8,0%

Structure of Competencies



institution **Maria Curie-Skłodowska University** | year **2011** | [Change](#)

Leadership of this institution

- Publication leader (17)
- Reference leader (3)
- Innovation leader (8)

- UMCS is the publication leader in 17 comp's out of 41
- Publication Impact in terms of citations is rather low (3 with Reference leadership)
- UMCS is quite recent in their Research Strength
 - 8 with Innovation Leadership (see next slide)

Article share of this institution

- Growing share (25)
- Declining share (16)

- UMCS competencies are mostly growing their share

Size of field (worldwide)

- Relatively large field (21)
- Relatively small field (20)

- UMCS competencies are both in large and small fields

Trend of field (worldwide)

- Growing field (25)
- Declining field (16)

- UMCS competencies are mostly in growing fields

Methodology: how we defined “strengths”

Definition ①: “Publication” Leadership

- The institution/country with the greatest Relative Article Share (RAS) is the publication leader in a competency. A publication leader can be seen as moving a research area forward.

Definition ②: “Reference” Leadership

- A reference leader is the institution/country with the greatest share of highly cited articles (greatest Relative Reference Share (RRS)) in a competency, compared to other institutions/countries. RRS is a relative measure of how influential an institution/country or author is within a particular competency.

Definition ③: “Innovation” Leadership

- An institution/country is considered an Innovation leader if it is building on more recent discoveries in a field. An institution/country is considered an Innovation leader for a competency if it has a higher SotA value than the publication leader, and its RAS is > 0.8 .

Defined as “Competency” when the field is large enough in terms of number of publications and when institution has at least one of the leadership types

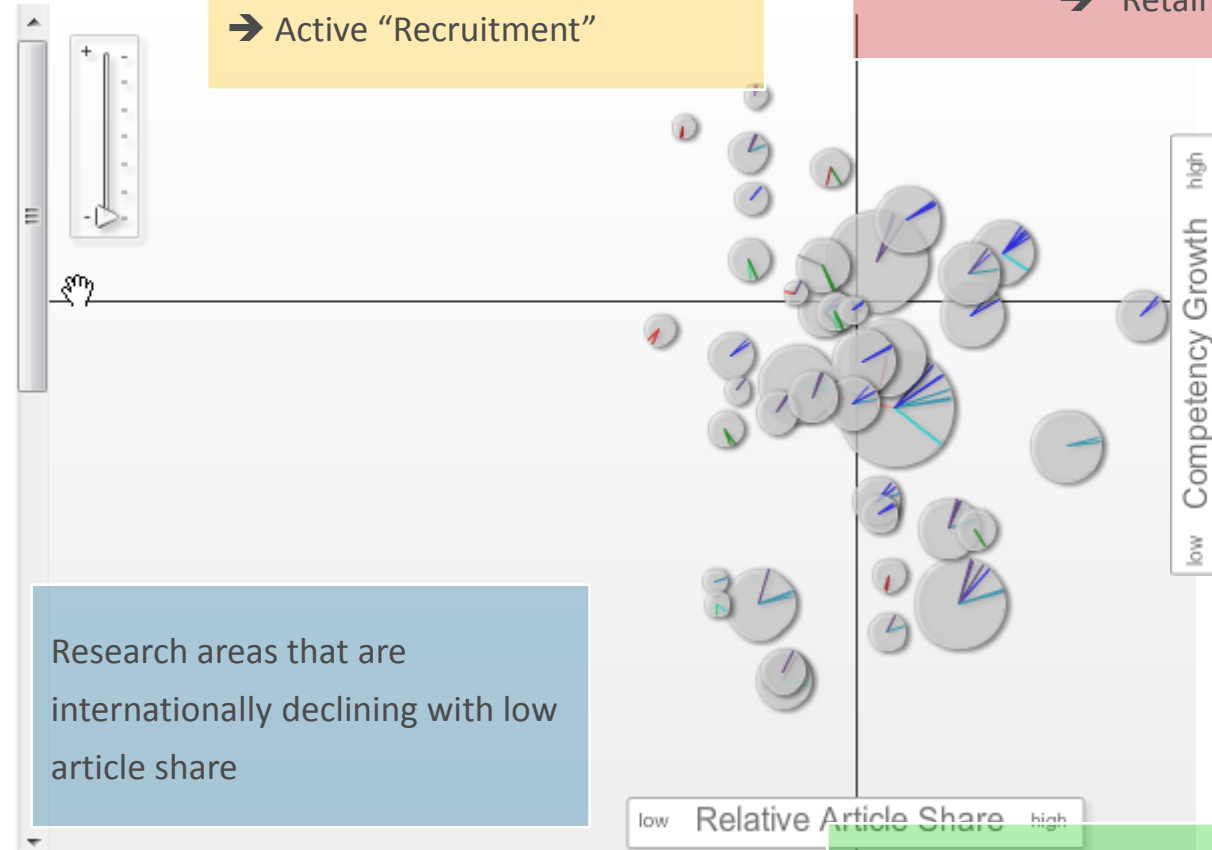
Matrix View

institution **Maria Curie-Skłodowska University** | year 2011

Competencies of Maria Curie-Skłodowska University

Subject areas

- Mathematics (1)
- Physics and Astronomy (14)
- Chemistry (15)
- Chemical Engineering (0)
- Materials Science (12)
- Engineering (2)
- Energy (0)
- Environmental Science (3)
- Earth and Planetary Sciences (1)
- Agricultural and Biological Sciences (6)
- Biochemistry, Genetics and Molecular Biology (3)
- Immunology and Microbiology (4)
- Veterinary (0)
- Medicine (2)
- Pharmacology, Toxicology and Pharmaceutics (1)
- Health Professions (0)
- Nursing (0)
- Dentistry (0)
- Neuroscience (0)
- Arts and Humanities (1)
- Psychology (0)



How can we increase our market share in these research areas?
 → Active "Recruitment"

How can we defend our presence in these research areas?
 → "Retain" key talent

Research areas that are internationally declining with low article share

How can we get the highest impact out of these research areas?

Example approach: Growing, relatively large competencies in growing areas



institution **Maria Curie-Skłodowska University** | year **2011** | [Change](#)

Article share of this institution

- Growing share (25)
- Declining share (16)

Size of field (worldwide)

- Relatively large field (21)
- Relatively small field (20)

Trend of field (worldwide)

- Growing field (25)
- Declining field (16)

| Competency | Authors at this institution | Keywords | Disciplines | Articles published worldwide | Articles published institution |
|---------------|--|--|--|------------------------------|--------------------------------|
| DC #5 | Skorupska A.M.; Wielbo J.; Janczarek M. | Rhizobium; Symbiosis; Fabaceae | Microbiology | 1,343 ▲ | 43 ▲ |
| DC #6 | Pomorski K.; Dobrowolski A.; Gózdź A. | nuclei; fission; models | General Physics and Astronomy; Nuclear and High Energy Physics | 817 ▲ | 70 ▲ |
| DC #8 | Hubicki Z.; Wołowicz A.; Kołodyńska D. | Resins; Adsorption; Sorption | General Chemistry; Ecology; Analytical Chemistry | 924 ▲ | 33 ▲ |
| EC #9 | Wójcik J.; Mergo P.; Wojcik J. | Photonic crystal fibers; fibers; photonics | Electrical and Electronic Engineering | 607 ▲ | 41 ▲ |
| EC #10 | Grządka E.; Chibowski S.; Wiśniewska M. | Suspensions (fluids); Adsorption; Polymers | Polymers and Plastics; Geotechnical Engineering and Engineering Geology; General Chemistry | 896 ▲ | 29 ▲ |
| EC #13 | Cwener A.; Krawczyk R.; Świdarska-burek U. | Poland; Cercospora; Pseudocercospora | Plant Science; Archeology (arts and humanities) | 626 ▲ | 18 ▲ |
| DC #14 | Chibowski E.J.; Jurak M.; Wiącek A.E. | Contact angle; Surfaces; Drops | Surfaces and Interfaces; General Chemistry; Surfaces, Coatings and Films | 885 ▲ | 26 ▲ |
| EC #15 | Borowski P.; Mazur L.; Rzączyńska Z. | Triazoles; Vibrational spectra; Thiones | General Chemistry; Analytical Chemistry | 671 ▲ | 20 ▲ |
| EC #19 | Gac W.; Denis A.; MacHocki A. | Steam reforming; Ethanol; Catalysts | General Chemistry | 574 ▲ | 7 ▲ |
| DC #20 | Turek M.; Pysznik K.; Drożdźiel A. | ion sources; ionization; ion beams | General Physics and Astronomy | 584 ▲ | 16 ▲ |



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Example approach: Citations leader in Material Science



institution **Medical University of Warsaw** | year **2011** | [Change](#)

Materials Science (12) + Reference leader (3)

| Competency | Authors at this institution | Keywords | Disciplines | Articles published | |
|--------------|--|--|--|--------------------|-------------|
| | | | | worldwide | institution |
| DC #7 | Sokołowski S.J.; Borówko M.S.; Staszewski T. | Brushes; Chains; density functional theory | General Physics and Astronomy; Polymers and Plastics | 991 ▼ | 29 ▼ |



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Details of a competency – is this a future direction?



institution **Maria Curie-Skłodowska University** | year **2011** | [Change](#)

Competency DC #7 Brushes; Chains; density functional theory

[Select another competency](#) ▾

Summary

[Trends](#)

[Disciplines](#)

[Institutions](#)

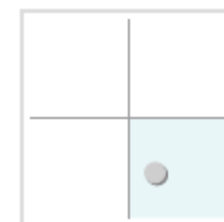
[Authors](#)

[Compare](#)

[Methodology](#)

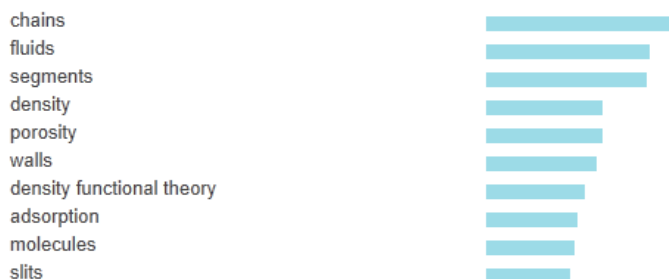
Articles published in this field (2007-2011)

| | Articles | Annual growth | Citations |
|---|-----------|---------------|-----------|
| Articles published worldwide | 991 | -6.9% ▼ | 6,852 |
| Articles published in Poland | 40 | -0.6% ▼ | 192 |
| Articles published at Maria Curie-Skłodowska University | 29 | -3.7% ▼ | 158 |



Top keywords for Maria Curie-Skłodowska University

[show all](#) »



Top authors from Maria Curie-Skłodowska University

[details](#) »

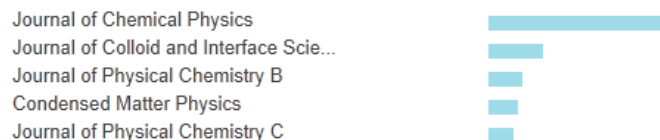


Top disciplines for Maria Curie-Skłodowska University

[details](#) »



Top journals for Maria Curie-Skłodowska University



SciVal

Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Compare to other institution in the competency



Competency DC #7 Brushes; Chains; density functional theory

Select another competency ▼

Summary

Trends

Disciplines

Institutions

Authors

Compare

Methodology

Maria Curie-Skłodowska University ▼

| | |
|--|---------|
| Articles published in this field (2007-2011) | 29 |
| Citations of these articles | 158 |
| Fractionalized article count | 18.9 |
| Annual growth | -3.7% ▼ |
| Overall rank in this field | #1 |
| Rank in this field within Poland | #1 |
| Articles co-authored with the Ukraine National Academy of Sciences | 4 |

Ukraine National Academy of Sciences ▼

| | |
|--|----------|
| Articles published in this field (2007-2011) | 7 |
| Citations of these articles | 12 |
| Fractionalized article count | 4.2 |
| Annual growth | +16.3% ▲ |
| Overall rank in this field | #23 |
| Rank in this field within Ukraine | #1 |

Compare these institutions based on: matching and unique keywords ▼

Matching keywords



Matching keywords



Who else is working on this subject?



| Institution | | Articles published in this field | Fractionalized article count | |
|---|--------------------|----------------------------------|------------------------------|--|
| 1. Maria Curie-Skłodowska University | Poland | 29 | 18.9 | |
| 2. University of Bristol | United Kingdom | 25 | 11.0 | |
| 3. University of Mainz | Germany | 32 | 10.6 | |
| 4. RAS | Russian Federation | 20 | 8.6 | |
| 5. Universitat Bayreuth | Germany | 23 | 8.1 | |
| 6. Rice University | United States | 20 | 8.0 | |
| 7. Beijing University of Chemical Technology | China | 18 | 7.7 | |
| 8. Universidad Nacional Autonoma de Mexico | Mexico | 14 | 7.7 | |
| 9. University of California at Riverside | United States | 24 | 6.5 | |
| 10. Wageningen University and Research Center | Netherlands | 24 | 6.3 | |

| Author | | Articles published in this field | Fractionalized article count | |
|--------------------|--|----------------------------------|------------------------------|--|
| 1. Sokołowski S.J. | Maria Curie-Skłodowska University | 20 | 13.7 | |
| 2. Borówko M.S. | Maria Curie-Skłodowska University | 9 | 7.7 | |
| 3. Pizio O.A. | Universidad Nacional Autonoma de Mexico | 10 | 7.0 | |
| 4. Chapman W.G. | Rice University | 16 | 6.9 | |
| 5. Schmidt M. | Universitat Bayreuth; University of Bristol | 10 | 5.9 | |
| 6. Staszewski T. | Maria Curie-Skłodowska University | 6 | 5.3 | |
| 7. Hu Y. | East China University of Science and Technology | 11 | 5.2 | |
| 8. Liu H. | East China University of Science and Technology | 11 | 5.2 | |
| 9. Patrykiewicz A. | Maria Curie-Skłodowska University | 7 | 5.1 | |
| 10. Cao D. | Beijing University of Chemical Technology; Ministry of Education China | 10 | 5.1 | |

Collaboration worldwide



1

Number of institutions within this country with co-authored articles

Most Collaborating Institutions



| Institution | Co-authored articles ▼ | Co-authored articles in competencies | |
|---|---------------------------|--------------------------------------|--|
| 1. Polish Academy of Sciences | 153 | 66 | <div style="width: 43%;"><div style="width: 43%;"></div></div> |
| 2. Medical University of Lublin | 98 | 27 | <div style="width: 27%;"><div style="width: 27%;"></div></div> |
| 3. Ukraine National Academy of Sciences | 87 | 52 | <div style="width: 59%;"><div style="width: 59%;"></div></div> |
| 4. University of Warsaw | 59 | 38 | <div style="width: 64%;"><div style="width: 64%;"></div></div> |
| 5. Wroclaw University of Technology | 58 | 36 | <div style="width: 62%;"><div style="width: 62%;"></div></div> |
| 6. University of Life Sciences in Lublin | 48 | 6 | <div style="width: 12%;"><div style="width: 12%;"></div></div> |
| 7. Jagiellonian University | 42 | 14 | <div style="width: 33%;"><div style="width: 33%;"></div></div> |
| 8. Warsaw University of Technology | 37 | 27 | <div style="width: 73%;"><div style="width: 73%;"></div></div> |
| 9. Vrije Universiteit Brussel | 35 | 27 | <div style="width: 77%;"><div style="width: 77%;"></div></div> |
| 10. Universite de Strasbourg | 31 | 28 | <div style="width: 90%;"><div style="width: 90%;"></div></div> |
| 11. Lublin University of Technology | 31 | 6 | <div style="width: 19%;"><div style="width: 19%;"></div></div> |
| 12. Military University of Technology Warsaw | 30 | 24 | <div style="width: 80%;"><div style="width: 80%;"></div></div> |
| 13. University of North Texas | 25 | 5 | <div style="width: 20%;"><div style="width: 20%;"></div></div> |
| 14. Nicolaus Copernicus University | 22 | 3 | <div style="width: 14%;"><div style="width: 14%;"></div></div> |
| 15. Forschungszentrum Rossendorf | 21 | 11 | <div style="width: 52%;"><div style="width: 52%;"></div></div> |
| 16. University of Gdansk | 19 | 1 | <div style="width: 5%;"><div style="width: 5%;"></div></div> |
| 17. Kyushu University | 18 | 10 | <div style="width: 56%;"><div style="width: 56%;"></div></div> |
| 18. University of Wroclaw | 17 | 3 | <div style="width: 18%;"><div style="width: 18%;"></div></div> |
| 19. Universidad Nacional Autonoma de Mexico | 17 | 15 | <div style="width: 88%;"><div style="width: 88%;"></div></div> |
| 20. Westpomeranian University of Technology | 16 | 0 | <div style="width: 0%;"><div style="width: 0%;"></div></div> |
| 21. Chungbuk National University | 15 | 8 | <div style="width: 53%;"><div style="width: 53%;"></div></div> |
| 22. Medical University of Warsaw | 15 | 0 | <div style="width: 0%;"><div style="width: 0%;"></div></div> |



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Most Collaborating Institutions in Competencies



| Institution | Co-authored articles | Co-authored articles in competencies | |
|--|----------------------|--------------------------------------|--|
| 1. Polish Academy of Sciences | 153 | 66 | |
| 2. Ukraine National Academy of Sciences | 87 | 52 | |
| 3. University of Warsaw | 59 | 38 | |
| 4. Wroclaw University of Technology | 58 | 36 | |
| 5. Universite de Strasbourg | 31 | 28 | |
| 6. Vrije Universiteit Brussel | 35 | 27 | |
| 7. Medical University of Lublin | 98 | 27 | |
| 8. Warsaw University of Technology | 37 | 27 | |
| 9. Military University of Technology Warsaw | 30 | 24 | |
| 10. Universidad Nacional Autonoma de Mexico | 17 | 15 | |
| 11. Jagiellonian University | 42 | 14 | |
| 12. Forschungszentrum Rossendorf | 21 | 11 | |
| 13. Kyushu University | 18 | 10 | |
| 14. Oak Ridge National Laboratory | 13 | 9 | |
| 15. University of Tennessee, Knoxville | 13 | 9 | |
| 16. Chungbuk National University | 15 | 8 | |
| 17. Ghent University | 8 | 8 | |
| 18. Belgian Nuclear Research Center | 8 | 7 | |
| 19. Lublin University of Technology | 31 | 6 | |
| 20. University of Life Sciences in Lublin | 48 | 6 | |
| 21. University of Southern California | 11 | 6 | |
| 22. Eastern Illinois University | 8 | 6 | |



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Not yet collaborating institutions in competencies



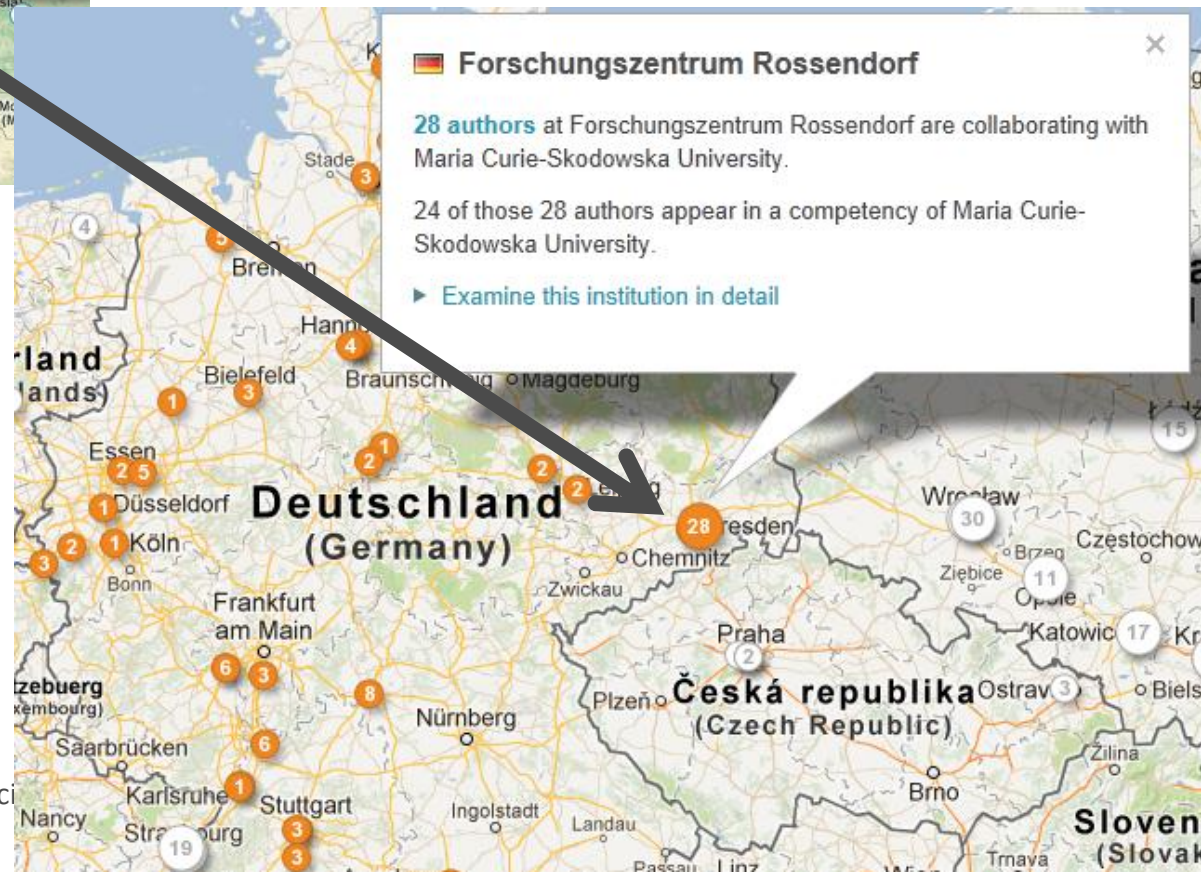
| Institution | Articles in competencies ▼ | Co-authored articles in competencies | |
|---|-------------------------------|--------------------------------------|--|
| 1. RAS | 349 | 0 | |
| 2. Chinese Academy of Sciences | 297 | 0 | |
| 3. Zhejiang University | 174 | 0 | |
| 4. Universidade de Sao Paulo | 163 | 0 | |
| 5. Kyoto University | 159 | 0 | |
| 6. Japan Science and Technology Agency | 156 | 0 | |
| 7. Nanjing University | 148 | 0 | |
| 8. Moscow State University | 142 | 0 | |
| 9. Tsinghua University | 141 | 0 | |
| 10. Tohoku University | 132 | 0 | |
| 11. ETH Zurich | 127 | 0 | |
| 12. Graduate University of Chinese Academy of Sciences | 126 | 0 | |
| 13. National Institute of Advanced Industrial Science and Technology | 118 | 0 | |
| 14. University of California at Berkeley | 118 | 0 | |
| 15. University of Oxford | 114 | 0 | |
| 16. Wageningen University and Research Center | 114 | 0 | |
| 17. National University of Singapore | 112 | 0 | |
| 18. Bulgarian Academy of Sciences | 111 | 0 | |
| 19. University of Toronto | 111 | 0 | |
| 20. Harvard University | 106 | 0 | |
| 21. Massachusetts Institute of Technology | 103 | 0 | |
| 22. University of Munich | 102 | 0 | |



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Details of collaboration



Analyse collaborating institution



institution **Maria Curie-Skłodowska University** | year **2011** | [Change](#)

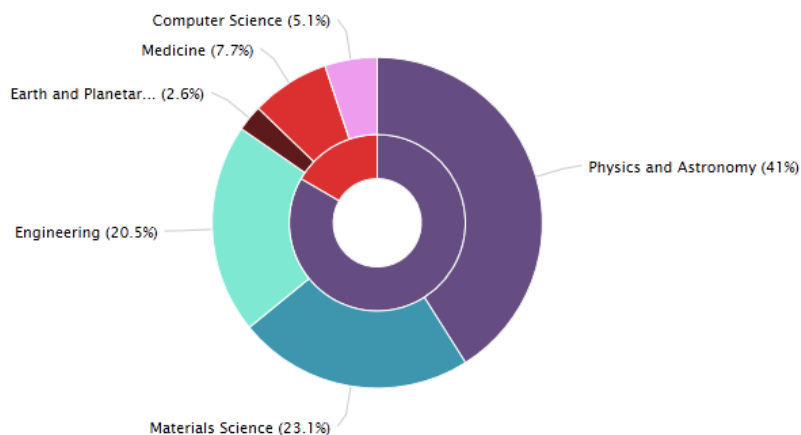
Forschungszentrum Rossendorf | Collaboration with Maria Curie-Skłodowska University



Where is collaboration taking place?

21 articles were **co-authored** by researchers at Maria Curie-Skłodowska University and Forschungszentrum Rossendorf

11 of those 21 co-authored articles (52.4%) appear in a competency of Maria Curie-Skłodowska University



Where are opportunities for new collaborations?

27 articles from Forschungszentrum Rossendorf appear in a competency of Maria Curie-Skłodowska University

16 of those 27 articles in competencies (59.3%) were **not co-authored** with Maria Curie-Skłodowska University



Data source: SciVal Spotlight Map 2011, SciVerse Scopus



Articles from Forschungszentrum Rossendorf that appear in competencies

List of articles from Forschungszentrum Rossendorf that appear in a competency of Maria Curie-Skłodowska University. This includes only articles that were not co-authored with Maria Curie-Skłodowska University.



institution Maria Curie-Skłodowska

Forschungszentrum 16 results

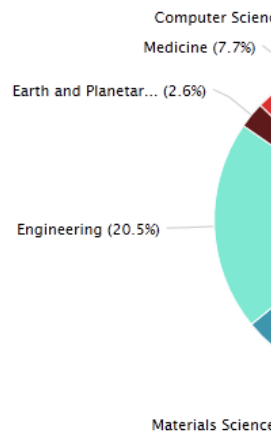
[Download](#) [Print](#) [Close](#)



Where is

21 articles were

11 of those 21 c



| | Articles | Cited by | Abstract |
|----|---|----------|-------------------------|
| 1. | Lee, H.-S. , Bartkowiak, M. , Park, J.-H. , (...) (2009). Effects of two gaps and paramagnetic pair breaking on the upper critical field of SmFeAsO _{0.85} and SmFeAsO _{0.8} F _{0.2} single crystals. <i>Physical Review B - Condensed Matter and Materials Physics</i> , 80 (14). | 24 | View... |
| 2. | Junghans, A.R. , Rusev, G. , Schwengner, R. , (...) (2008). Photon data shed new light upon the GDR spreading width in heavy nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 670 (3), 200-204. | 24 | View... |
| 3. | Zhou, S. , Potzger, K. , Kuepper, K. , (...) (2008). Ni implanted ZnO single crystals: Correlation between nanoparticle formation and defect structure. <i>Journal of Applied Physics</i> , 103 (4). | 15 | View... |
| 4. | Čížek, J. , Melikhova, O. , Procházka, I. , (...) (2010). Defect studies of nanocrystalline zirconia powders and sintered ceramics. <i>Physical Review B - Condensed Matter and Materials Physics</i> , 81 (2). | 13 | View... |
| 5. | Fraundorf, S. (2008). Heart-shaped nuclei: Condensation of rotational-aligned octupole phonons. <i>Physical Review C - Nuclear Physics</i> , 77 (2). | 13 | View... |
| 6. | Zhou, S. , Potzger, K. , Mücklich, A. , (...) (2008). Structural and magnetic properties of Tb implanted ZnO single crystals. <i>Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms</i> , 266 (4), 589-593. | 8 | View... |
| 7. | Moutanabbir, O. , Scholz, R. , Gösele, U. , (...) (2010). Experimental elucidation of vacancy complexes associated with hydrogen ion-induced splitting of bulk GaN. <i>Physical Review B - Condensed Matter and Materials Physics</i> , 81 (11). | 5 | View... |
| 8. | Rebohle, L. , Lehmann, J. , Prucnal, S. , (...) (2009). Anomalous wear-out phenomena of europium-implanted light emitters based on a metal-oxide-semiconductor structure. <i>Journal of Applied Physics</i> , 106 (12). | 5 | View... |
| 9. | Gemming, S. , Kunze, T. , Morawetz, K. , (...) (2009). The role of homophase and heterophase interfaces on transport properties in structured materials. <i>European Physical Journal: Special Topics</i> , 177 (1), 83-101. | 3 | View... |

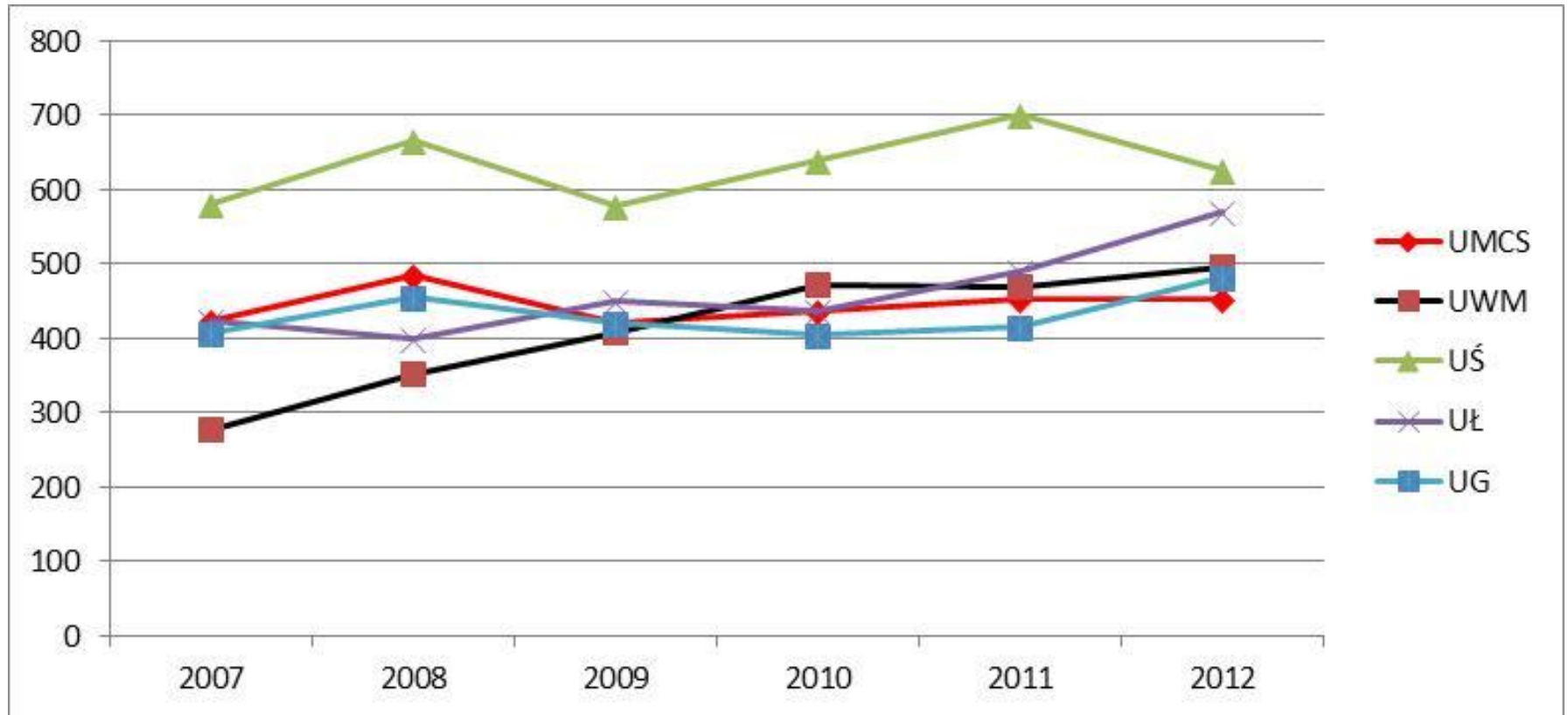
Rossendorf

-Skłodowska University

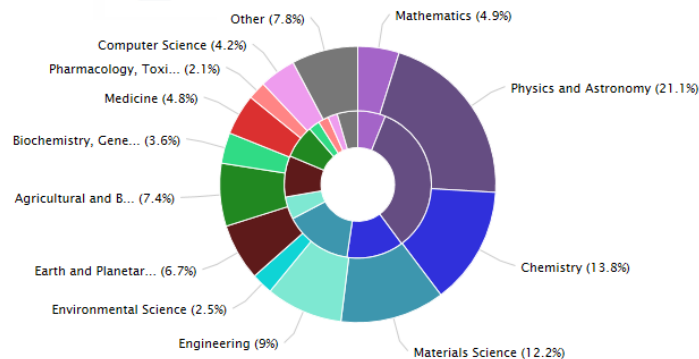
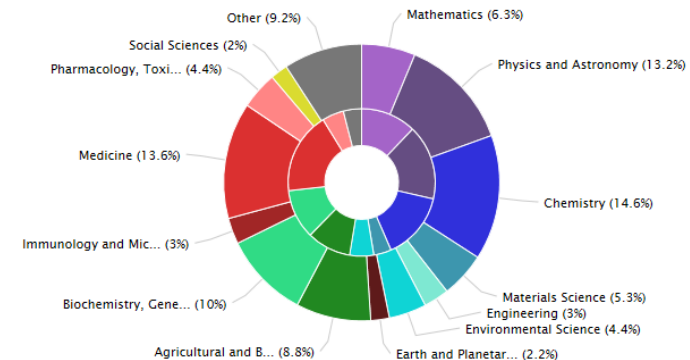
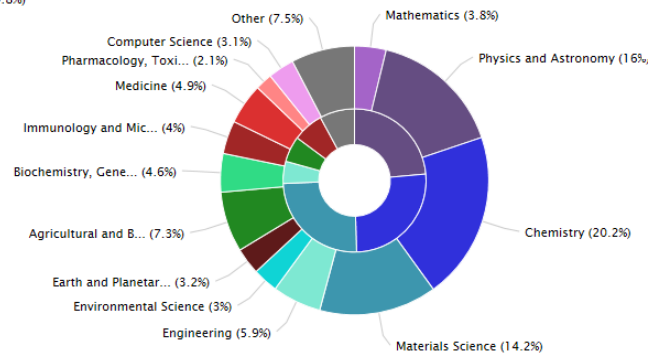
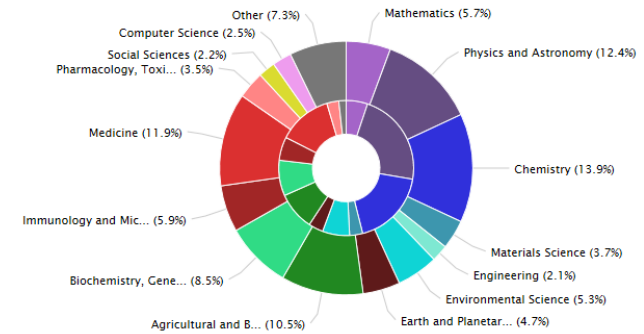
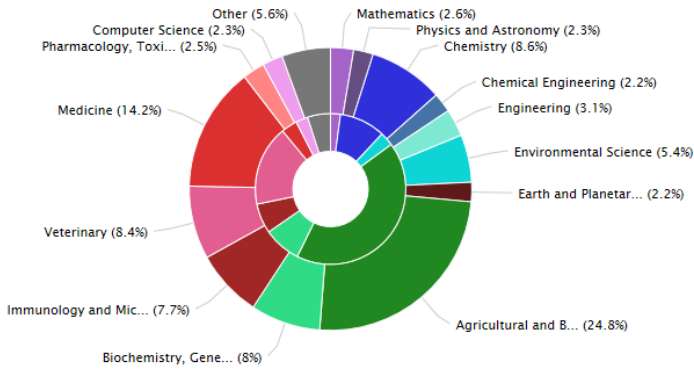
-Skłodowska University

UMCS and its peers

Number of articles per year



Structure of specialisations



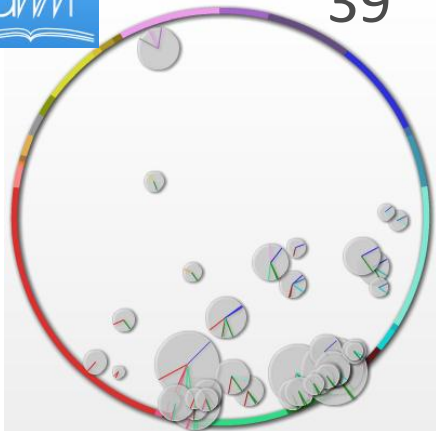
Data source: SciVal Spotlight Map 2011, SciVerse Scopus



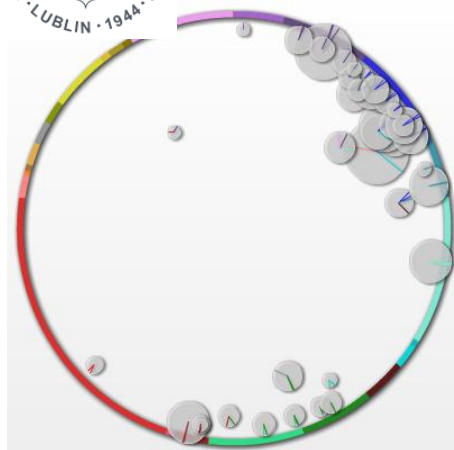
Number and structure of competencies



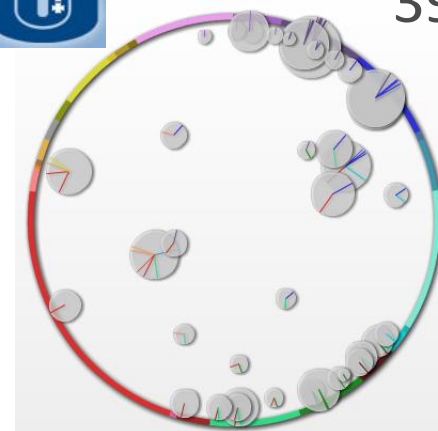
39



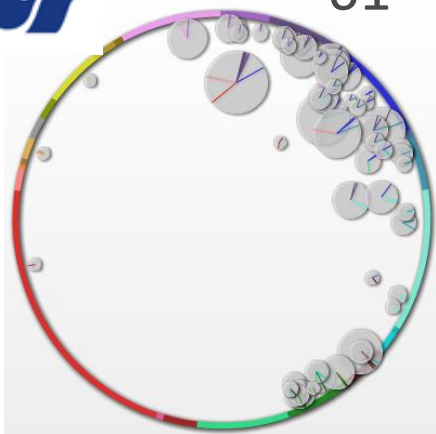
41



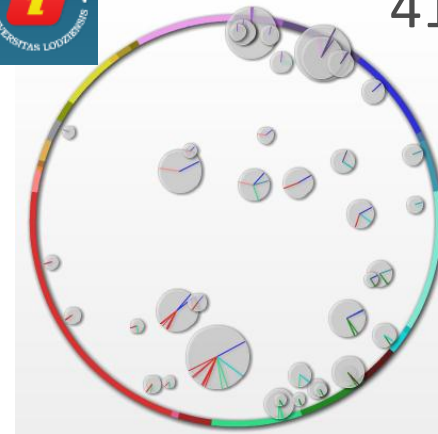
39



61



41



THANK YOU

Piotr Gołkiewicz

Product Sales Manager for Central and Eastern Europe

email: p.golkiewicz@elsevier.com

tel. kom. 695 30 60 17

SciVal Strata

SciVal Strata - Compare teams within defined area of science



My Selection [i](#)

- Narkiewicz, Urszula
- Borowiak-Palań, Ewa
- Typek, Janusz

Clusters [i](#)

Researchers [i](#)

- Borowiak-Palań, Ewa
- Narkiewicz, Urszula
- Typek, Janusz



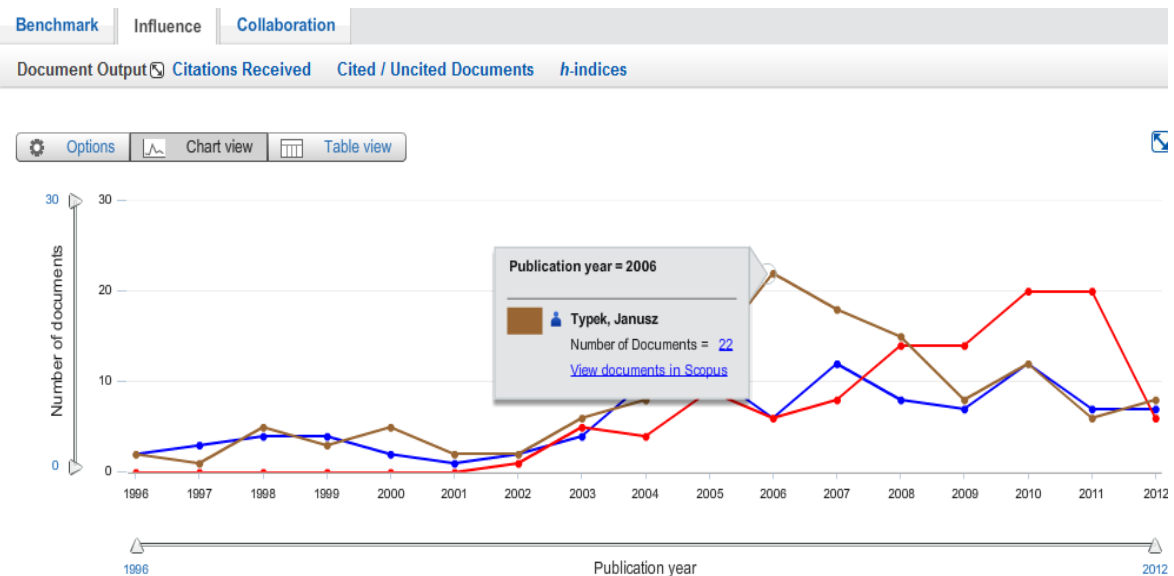
My Selection [i](#)

- Narkiewicz, Urszula
- Borowiak-Palań, Ewa
- Typek, Janusz

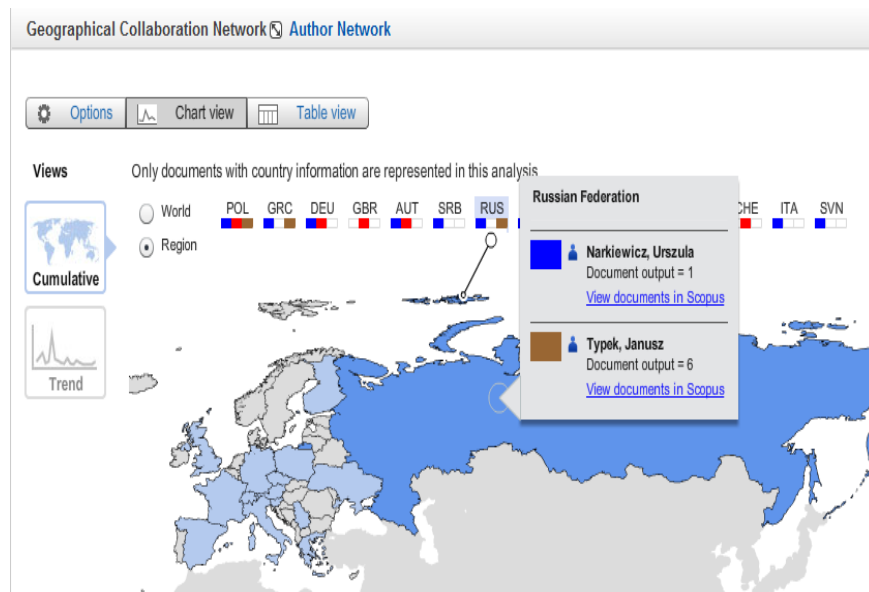
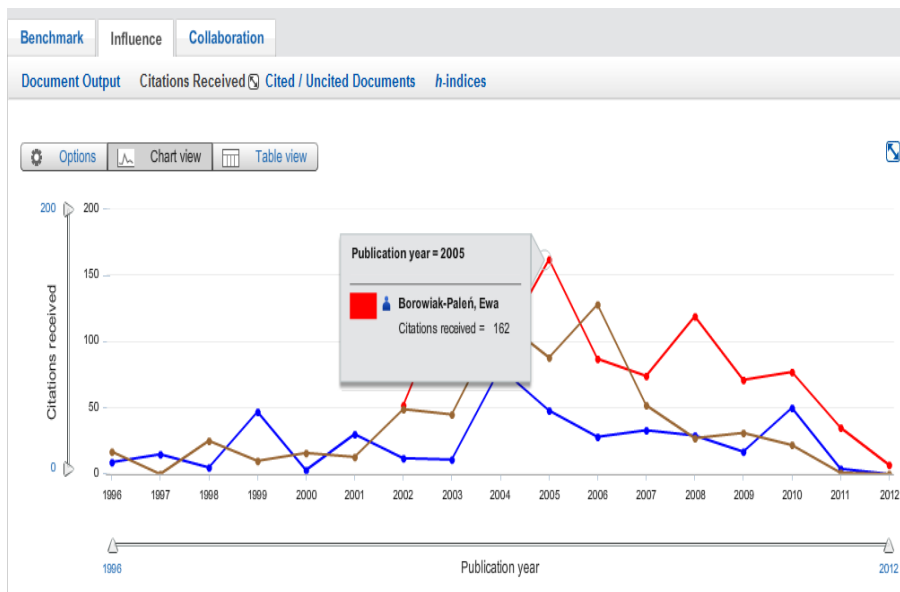
Clusters [i](#)

Researchers [i](#)

- Borowiak-Palań, Ewa
- Narkiewicz, Urszula
- Typek, Janusz



SciVal Strata - Authors influence and collaboration



Publication & Citation My Settings Export analysis Help

Benchmark Influence Collaboration

Document Output Citations Received Cited / Uncited Documents h-indices

Options Table view

| Index | Narkiewicz, Urszula | Borowiak-Palań, Ewa | Typek, Janusz |
|---------|---------------------|---------------------|---------------|
| h-index | 9 | 16 | 12 |
| g-index | 14 | 27 | 18 |
| m-index | 0.529 | 1.455 | 0.706 |

SciVal Experts

SciVal Experts - How to identify an expert ?



REACHNC
research, engagement, and capabilities hub of north carolina

Home > Find the Expert

Enter the concept of interest in the search field (or author name, or full text)

Cryotherapy

By Concept By Last Name By Free Text

77 Experts found

Discover the top experts in your institution / country

| Expert Name | Institution | Publications | Grants |
|-----------------------|--|--------------|--------|
| Th... | DUKE | 195 | 0 |
| Jud... | DUKE | 581 | 0 |
| Nid... | UNC | 191 | 140 |
| Jeffrey S.A. Stringer | UNCCH, School of Medicine, Obstetrics and Gynecology | 122 | 0 |
| David Keith Wallace | DUKE, School of Medicine, Ophthalmology | 98 | 0 |
| Edward George Buckley | DUKE, School of Medicine, Ophthalmology | 126 | 0 |
| Craig N Burkhardt | UNCCH, School of Medicine, Dermatology | 132 | 0 |
| David A Iannitti | UNCCH, School of Medicine, Surgery | 86 | 0 |
| John Francis Madden | DUKE, School of Medicine, Pathology | 76 | 0 |

Experts based on...
 Publications Grants Patents

Your search terms
Cryotherapy

Refine your search criteria

Refine search by adding Concepts

Procedures

- Cryosurgery
- Laser Coagulation
- Catheter Ablation
- Hyperthermia, Induced
- Prostatectomy
- Electrosurgery
- Salvage Therapy
- Surgical Procedures, Minimally Invasive
- Argon Plasma Coagulation
- Brachytherapy
- Arthroscopy



SciVal Experts - What expertise do I have in my organization?



Thomas James Polascik
DUKE, School of Medicine, Surgery

Home
Expert Overview
Profile
Publications
Patents
Similar Experts
Journals
Institutional Network
Coauthor Network
Research Network

Profile more >

- Prostatic Neoplasms
- Prostate-Specific Antigen
- Cryosurgery
- Prostatectomy
- Kidney Neoplasms
- Prostate
- Neoplasms
- Laparoscopy
- Biopsy
- Neoplasm Recurrence, Local

Publications more >

- 2012 M Tsvian; L L Bañez; C J Keto; M R Abern; P Qi; L Gerber; J W Moul; T J Polascik
African-American men with low-grade prostate cancer have higher tumor burdens: Results from the Duke Prostate Center
Prostate Cancer and Prostatic Diseases 2012
- 2012 Adam C. Mues; Ruslan Korets; Joseph A. Graversen; Ketan K. Badani; Vincent G. Bird; Sara L. Best; Jeffrey A. Cadeddu; Ralph V. Clayman; Elspeth McDougall; Kurdo Barwari; et al.
Clinical, pathologic, and functional outcomes after nephron-sparing surgery in patients with a solitary kidney: A multicenter experience
Journal of Endourology 2012;26(10):1361-1366.

Similar Experts more >

| Expert | Publications |
|-----------------------|--------------|
| Judd Wendell Moul | 581 |
| Stephen Jay Freedl... | 284 |
| William Robert Lee | 149 |
| Robin Tutt Vollmer | 206 |
| Cary Nobles Robert... | 116 |

Journals more >

| Journal | Publications |
|------------------------|--------------|
| Urology | 41 |
| Journal of Endourology | 22 |
| BJU International | 19 |
| Journal of Urology | 12 |
| Urologic Oncology | 10 |

Research Network

Explore the Expert Network

Find experts quickly and easily – search by concept, last name or full text

Get immediate access to an author's complete publication history

Establish new relationships by finding other experts in the same field or related disciplines



SciVal Funding

SciVal Funding - Which grants shall we apply for?



Experts | **Funding** | Spotlight | Strata

Piotr Golkiewicz | Log out | Go to SciVerse suite

Home **Search** Sponsors

Recommendations Search alerts Favorites Help

Opportunities | Awarded Grants | Sponsors

[Advanced Search](#)

Search results

[Modify this search](#) [Subscribe to RSS feed](#) [Set alerts](#)

You searched for: **poland**

Selected: [Print](#) [Email](#) [Export to Excel](#) [Add to Favorites](#)

|< < 1 to 43 >

Refine your search

Subject area

All subject areas

Multidisciplinary (11)

Social Sciences (18)

Biochemistry, Genetics and Molecular Biology (4)

Arts and Humanities (3)

Immunology and Microbiology (2)

Show more

Eligibility

Minimum doctor's degree

Minimum master's degree

Minimum bachelor's degree

Early investigators

Citizenship/Residency

Opportunities (43)

Awarded grants (1,007)

Inactive opportunities (55)

| <input type="checkbox"/> | Deadline | Title | Sponsor | Type | Amount | Currency |
|--------------------------|----------------|--|---|--------------------------------|---------------|----------|
| <input type="checkbox"/> | 1. 30-SEP-2013 | Calls expressions of interest for experts | Directorate-General for Health and Consumers | Research Grants | Not Available | N/A |
| <input type="checkbox"/> | 2. 07-MAY-2013 | Kulczycki Books Prize in Polish Studies | Association for Slavic, East European, and Eurasian Studies | Prizes | Not Available | N/A |
| <input type="checkbox"/> | 3. 01-APR-2013 | EMBO Young Investigator Programme | European Molecular Biology Organization | Career Development Grants | 15,000 | EUR |
| <input type="checkbox"/> | 4. 31-MAR-2013 | Valerie and John Roy-Wojciechowski Award to Poland | Victoria University of Wellington | Prizes | 2,000 | NZD |
| <input type="checkbox"/> | 5. 15-MAR-2013 | Moritz Csáky Fellowship | Austrian Academy of Sciences | Fellowships | Not Available | N/A |
| <input type="checkbox"/> | 6. 03-FEB-2013 | Strand 1.2.2: Literary translation projects | Education, Audiovisual and Culture Executive Agency | Program Project/ Center Grants | 60,000 | EUR |
| <input type="checkbox"/> | 7. 01-JAN-2013 | IDEAS FOR POLAND Programme | Foundation For Polish Science | Program Project/ Center Grants | 10,000 | PLN |
| <input type="checkbox"/> | 8. 31-DEC-2012 | Conference Grants | Swiss National Science Foundation | Conference/ Travel Grants | 10,000 | CHF |