

# Академические издания в Scopus: правила и ожидания



Андрей Локтев,  
консультант по ключевым информационным решениям Elsevier

Joanna Lewczuk,  
Publishing Editor, Elsevier

28.10.2016

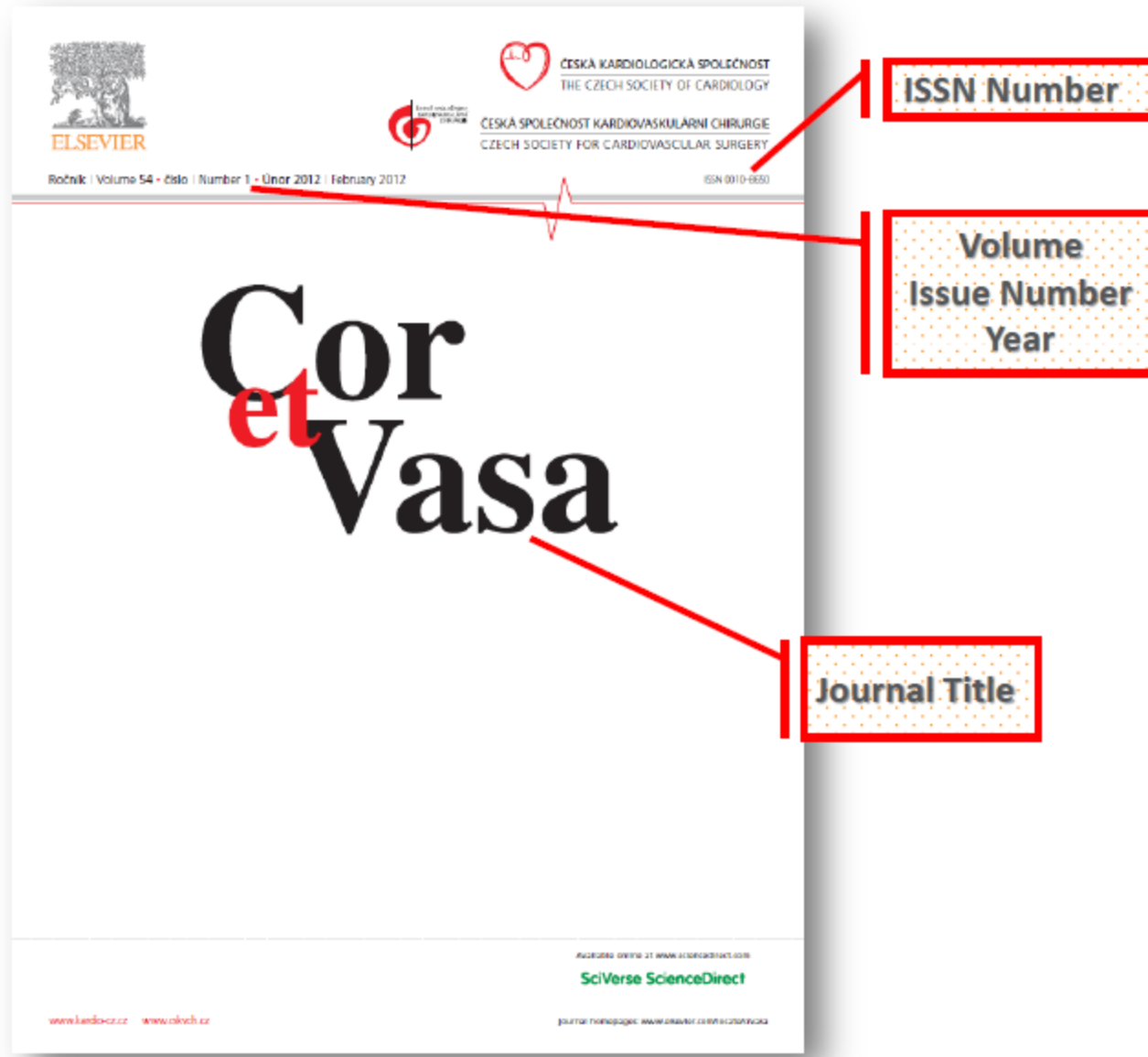
Empowering Knowledge

# Общие требования к научным журналам



## Обязательные требования

- ISSN
- Название журнала
- Выходные данные



# Обязательные требования – информация о редакции

- Главный редактор
- Заместитель главного редактора (редакторы разделов)
- Члены редакционного совета
- Информация об издателе

## Advances in Medical Sciences

Official Journal of the Medical University of Białystok, Poland



### EDITOR-IN-CHIEF

Jacek Nikliński  
Medical University of Białystok, Poland

### DEPUTY EDITOR

Jan Dhugosz  
Medical University of Białystok, Poland

### SECTIONS EDITORS

Jarosław Krejza – Diagnostic Imaging  
University of Maryland Medical Center, USA

Jerry D. Glickson – Molecular Imaging  
University of Pennsylvania, USA

Elżbieta Skrzydlewska – Pharmaceutical Sciences  
Medical University of Białystok, Poland

Lech Chyczewski – Pathological Sciences  
Medical University of Białystok, Poland

### ADVISORY BOARD

Heike Allgayer, University Heidelberg, Germany  
Satish Batra, Skåne University Hospital Lund, Sweden  
Tomasz Brzozowski, Jagiellonian University Medical College, Poland  
Tomasz Burzykowski, Hasselt University, Belgium  
Federico Cappuzzo, Ospedale Civile di Livorno, Italy  
Mieczysław Choraży, Maria Skłodowska-Curie Memorial Cancer Centre and Institute of Oncology, Poland  
Andrzej Dąbrowski, Medical University of Białystok, Poland  
Petr Dile, University of Ostrava, Czech Republic  
Maria Benedetta Donati, IRCCS Istituto Neurologico Mediterraneo Neuromed, Italy  
Wilfried Eberhardt, University of Duisburg-Essen, Germany  
Angelika Eggert, Charité - Universitätsmedizin Berlin, Germany  
Jürgen R. Fischer, Klinik Löwenstein, Germany  
Giovanni de Gaetano, IRCCS Istituto Neurologico Mediterraneo Neuromed, Italy  
Andrea Riccardo Genazzani, Pisa University Hospital, Italy  
Jan Górski, Medical University of Białystok, Poland  
Jan Haffek, University of Management and Administration in Zamost, Poland  
Barbara Jarab, Maria Skłodowska-Curie Memorial Cancer Centre and Institute of Oncology, Poland  
Ewa Jassem, The Medical University of Gdansk, Poland  
Jacek Jassem, The Medical University of Gdansk, Poland  
Maciej Kaczmarek, Medical University of Białystok, Poland  
Marcin Kamiński, Medical University of Silesia, Poland  
Marie-Laure Kottler, Université de Caen, France  
Marek Kowalski, Medical University of Łódź, Poland  
Adam Krętowski, Medical University of Białystok, Poland  
Zita Kucinskiene, Vilnius University, Lithuania

### INTERNATIONAL EDITORS

Richard McCallum - Co-Editor for USA  
Texas Tech University Health Sciences Center, USA

Jean Morisset - Co-Editor for Canada  
Université de Sherbrooke, Canada

### MANAGING EDITORS

Urszula Polakowska-Mierzejewska  
Łukasz Minarowski

Małgorzata Laudarińska

### Editorial Office Address

'Advances in Medical Sciences'  
Medical University of Białystok,  
Jana Kilinskiego 1, 15-089 Białystok, Poland  
Tel.: (+48) 85 748 54 13; Fax: (+48) 85 748 54 90  
E-mail: [advances@advms.pl](mailto:advances@advms.pl)

Tadeusz Laudariński, Medical University of Białystok, Poland  
Juergen Lautermann, Hospital Martha-Maria Halle-Dölau, Germany  
Maria A. Leo-Lieber, James J. Peters VA Medical Center, USA  
Andrzej Łukaszewski, Poznań University of Medical Sciences, Poland  
Barbara Malinowska, Medical University of Białystok, Poland  
Christian Manegold, University Heidelberg, Germany  
Li Mao, University of Maryland School of Dentistry, USA  
Elias R. Medhem, University of Maryland Medical Center, USA  
Paweł Murawa, The Greater Poland Cancer Centre, Poland  
Marek Naruszewicz, Medical University of Warsaw, Poland  
Karl Oldhafer, Asklepios Klinik Barmbek, Germany  
Tadeusz M. Orłowski, National Institute of Tuberculosis and Lung Diseases, Poland  
Jan Prokopowicz, Medical University of Białystok, Poland  
Zbigniew Puchalski, Medical University of Białystok, Poland  
Russel J. Reiter, University of Texas Health Science Center at San Antonio, USA  
Axel Rielle, Fachkrankenhaus Coswig GmbH, Germany  
Katia Scotland, Rizzoli Orthopaedic Institute, Italy  
Pentti Ilmari Sipponen, Helsinki University Central Hospital (HUCH), Finland  
Jan Skowronski, Medical University of Białystok, Poland  
Marian Szamulowicz, Medical University of Białystok, Poland  
Miguel Taron, Quirón Dexeus University Hospital, Spain  
Ronald L. Terjung, University of Missouri-Columbia, USA  
Ulrich Treichel, Westmecklenburg Klinikum Helene von Bülow, Germany  
Grzegorz Wallner, Medical University of Lublin, Poland  
Maciej Zabel, Wrocław Medical University, Poland  
Jan Zeroski, Poznań University of Medical Sciences, Poland  
Victor V. Zinchuk, Grodno State Medical University, Belarus  
Nico van Zandwijk, University of Sydney, Sydney Medical School, Australia

This journal is supported by the Ministry of Science and Higher Education, Warsaw, Poland

**Indexed in:** Thomson Reuters Scientific (ISI); PubMed / Index Medicus / Medline; EBSCO; Scopus; EMBASE; EMCare; CAS – Chemical Abstracts Services; FSTA – Food Science and Technology Abstracts; PubMed Dietary Supplement Subset; The Summon; Index Copernicus; Polish Ministry of Science and Higher Education

IMPACT FACTOR ANNOUNCED FOR 2014 IN THE 'JOURNAL CITATION REPORTS' IS 1.105

### Publisher

Elsevier Sp. z o.o.  
Migdałowa 4/59, 02-796 Warsaw, Poland  
Tel. +48 22 546 38 20, Fax. +48 22 546 38 21

### Director of Journals Publishing

Ewa Kittel-Prejs

### Publishing Manager

Agneszka Pawłowska  
[a.pawlowska@elsevier.com](mailto:a.pawlowska@elsevier.com)

### Publishing Editor

Joanna Lewczuk  
[j.lewczuk@elsevier.com](mailto:j.lewczuk@elsevier.com)  
48 515 082 585, 48 22 546 38 24

### Marketing & Promotion Manager

Anna Szkolut  
[a.szkolut@elsevier.com](mailto:a.szkolut@elsevier.com)  
48 22 546 38 40, 48 515 090 174

### Subscription and Distribution Manager

Jacek Sołyk  
[prenumerata@elsevier.com](mailto:prenumerata@elsevier.com)  
48 22 546 38 27, 48 510 134 282

### Advertising Pharma Solutions Manager

Mariusz Radzio  
[m.radzio@elsevier.com](mailto:m.radzio@elsevier.com)  
48 519 796 821

- Название журнала
- Короткое описание
- Логотип
- Издающая организация

## JOURNAL OF APPLIED BIOMEDICINE

Providing a unique perspective, this international journal publishes peer-reviewed original papers and reviews offering a transfer of basic research to applied biomedicine.

**EDITOR-IN-CHIEF:** Josef Berger  
Co-Editor: Jiří Patočka  
Co-Editor: Karel Smetana  
Executive Editor: Zdenek Chval

*Managing Editor:* Valérie Tóthová  
*Editorial Assistant:* Zuzana Straková  
*Language Editor:* John P. McAvoy

### EDITORIAL BOARD

**Josef Berger**  
University of South Bohemia, České Budějovice, CZ, comparative pathology

**Nicolas Cermakian**  
Douglas Mental Health University Institute, Montreal, CA, molecular chronomedicine

**Germaine Cornelissen**  
University of Minnesota, Minneapolis, USA, chronomics

**Peter Eckl**  
University of Salzburg, Salzburg, A, cellular medicine

**Laurent Frossard**  
University of Quebec, Montreal, CA, applied biomechanics

**Mónica De la Fuente**  
Complutense University, Madrid, E, cellular gerontology

**Herwig O. Gutzit**  
Institute of Zoology, Dresden, D, reproductive biology

**Ales Hampl**  
Masaryk University, Brno, CZ, molecular embryology

**Josef Havel**  
Masaryk University, Brno, CZ, bioanalytical chemistry

**Chi-Tang Ho**  
Rutgers University, New Brunswick, USA, food chemistry

**Roman Kubec**  
University of South Bohemia, České Budějovice, CZ, chemistry of natural products

**Kamil Kuča**  
University of Defense, Hradec Králové, CZ, experimental toxicology

**Milena Králíková**  
Charles University, Plzeň, CZ, developmental medicine

**David Lloyd**  
University of Cardiff, UK, microbiology

**Mirek Macka**  
University of Tasmania, AUS, analytical bioengineering

**Francisco Javier Medina Diaz**  
Centre of Biological Studies, Madrid, E, cytology

**Ali Mobasheer**  
University of Surrey, UK, musculoskeletal physiology

**Rabi Ann Musah**  
State University of New York, Albany, USA, protein biochemistry

**André Nieoullon**  
CNRS, Marseille, F, neuroscience

**Michal Opas**  
University of Toronto, CA, pathobiology

**Jiří Patočka**  
University of South Bohemia, České Budějovice, CZ, general toxicology

**Carlo E. Pellicciari**  
University of Pavia, Pavia, I, cytochemistry

**Eladia María Peña Méndez**  
University of La Laguna, Tenerife, E, environmental chemistry

**Georg A. Petrosianu**  
Florida International University, Miami, USA, clinical toxicology

**Roman Prymula**  
University Hospital, Hradec Králové, CZ, vaccinology

**Ana Beatriz Rodríguez Moratino**  
University of Extremadura, Badajoz, E, comparative physiology

**David Rubinstein**  
University of Cambridge, UK, medical genetics

**Andrzej Składanowski**  
Gdansk University of Technology, PL, cell pharmacology

**Krystyna Skwarlo-Sonita**  
University of Warsaw, PL, molecular chronobiology

**Karel Smetana**  
Institute of Haematology and Blood Transfusion, Praha, CZ, cell pathology

**George B. Stefano**  
State University of New York, Old Westbury, USA, neuroimmunology

**Günter Vollmer**  
Technical University, Dresden, D, endocrinology

**Yehiel Zick**  
Weizmann Institute of Science, Rehovot, IL, cell signalling

**Friedo Zölzer**  
University of South Bohemia, České Budějovice, CZ, radiology

Главный редактор и  
заместители

Подробная информация  
про членов совета

информация об  
индексировании  
журнала

### ABSTRACTED / INDEXED IN

BMC  
CABI - CAB Abstracts  
CABI Global Health  
Celdes  
Chemical Abstracts Service (CAS)  
CNKI Socolar  
CNPIC  
DRJI  
EBSCO - Academic Search  
Elsevier - ScienceDirect  
EBSCO - Discovery Service  
CrossRef  
Elsevier - BIOBASE/CABS  
Elsevier - EMBASE

Elsevier - SCOPUS  
Google Scholar  
Index Copernicus  
Microsoft Academic Search  
Naviga (Softweco)  
Proch  
Open J-Gate  
Primo Central (ExLibris)  
The Summon (Serials Solution/ProQuest)  
TDOne (TDNet)  
Thomson Reuters - Journal Citation Reports/Science Edition  
Thomson Reuters - Science Citation Index Expanded  
WorldCat (OCLC)

### Address

University of South Bohemia, Faculty of Health and Social Studies, Jirsovcova 1347/24, 370 04 Ceske Budejovice, Czech R.  
Phone: +420-38-9037655; Fax: +420-38-5787589  
E-mail: jab@elsevier.com

Контактная информация

# Стили оформления литературы

Наиболее используемые:

- MLA/ Harvard Style: English and the Humanities
- APA Style: Psychology and the Social Sciences
- Chicago: History and the Humanities
- Chicago: Physical, Natural, and Social Sciences
- IEEE: Electrical and Electronics Engineering
- Vancouver: Medicine

# Страница журнала

Home > Journals > Computational Materials Science

## Computational Materials Science

Editor-in-Chief: [Susan Sinnott](#)

[View Editorial Board](#)

Supports Open Access

Подробная информация про  
членов совета

ISSN





ISSN: 0927-0256



Развернуто цели издании  
журнала

 Guide for Authors 

 Submit Your Paper 

 Track Your Paper 

 Order Journal

The goal of *Computational Materials Science* is to report on results that provide new insights into, or significantly expand our understanding of, the properties of materials or phenomena associated with their design, synthesis, processing, characterization, and utilization. All aspects of modern materials modeling are of interest, including quantum chemical methods, density functional theory, semi-empirical and classical approaches, statistical mechanics, atomic-scale simulations, mesoscale modeling, phase-field techniques, and finite element methods. Reports

# Признаки хорошего журнала

Special issues published in Computational Materials Science.

Articles from EUROMECH Colloquium 577  
"Micromechanics of Metal Ceramic Composites"

Vera Petrova | Siegfried Schmauder | ...

Computational Materials Science in China

Xin-Gao Gong | En-Ge Wang

Selected Articles from Phase-field Method 2014  
International Seminar

Long-Qing Chen

[View All](#)

Этическая политика журнала

## Policies and Guidelines

Language editing service now available

Don't get your paper rejected for the wrong reasons

Why not let our illustrators help you with your figures?

Make your research shine

[View All](#)

## Most Cited Articles

The most cited articles published since 2011, extracted from Scopus.

A high-throughput infrastructure for density functional theory calculations

Anubhav Jain | Geoffroy Hautier | ...

A review on the application of nonlocal elastic models in modeling of carbon nanotubes and graphenes

B. Arash | Q. Wang

Pyrolytic carbon: A review on the application of nonlocal elastic models in modeling of carbon nanotubes and graphenes

Shyue Ping Shiu | William Davidson Richards | ...

[View All Articles](#)

Возможность ознакомиться со всеми статьями журнала

## Recent Articles

Recently published articles from Recent Computational Materials Science Articles

A criterion for the normal properties of graphene/polymer interface



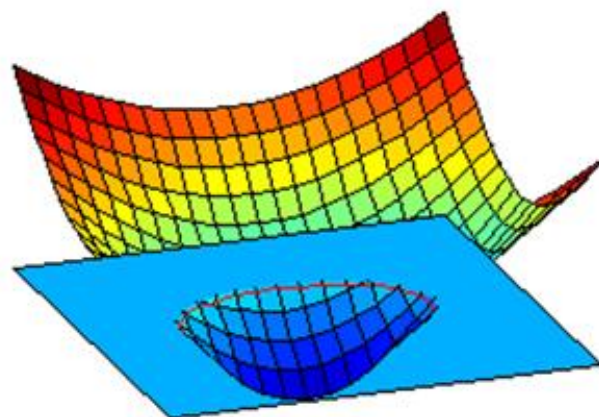
# Дополнительные возможности для авторов

This journal supports the following content innovations

- AudioSlides
- Database Linking Tool
- Interactive MATLAB Figure Viewer
- Interactive Plot Viewer
- Open Data

## Supplementary MATLAB figures

Disclaimer



Hover the mouse over the image to get access to additional functionality

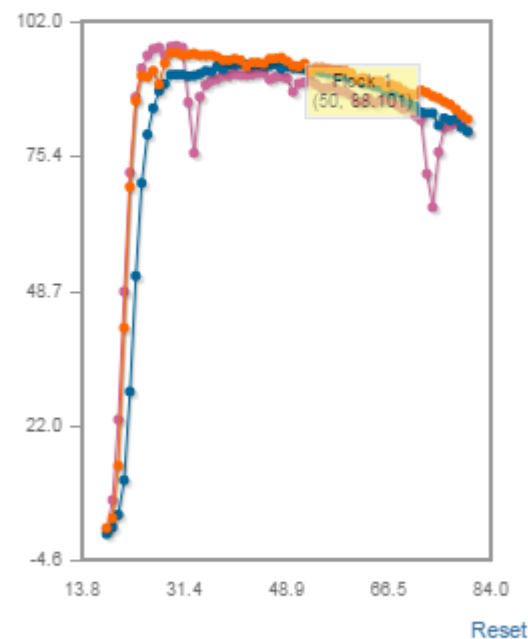
Download figure

## Interactive plots for this article



Plot

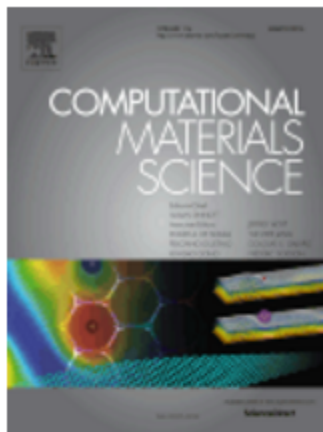
Data table



X axis Age in weeks

Y axis ☒ Flock 1  
☒ Flock 11  
☒ Flock 21

# Страница журнала – Руководство для авторов



Browse journals > Computational M.. > Guide for authors

## Guide for Authors



### Author information pack

- Your Paper Your Way

- Before You Begin

#### BEFORE YOU BEGIN

- Ethics in publishing

- Conflict of interest

- Submission declaration and verification

- Contributors

- Changes to authorship

- Article transfer service

- Copyright

#### PREPARATION

- NEW SUBMISSIONS

- References

- Formatting requirements

- REVISED SUBMISSIONS

- LaTeX

- Article structure

- Essential title page information

- Abstract

- References

- Video data

- AudioSlides

- Supplementary material

- Data in Brief

- Open data

- Database linking

- Interactive MATLAB Figure Viewer

- Interactive plots

- Submission checklist



Submit your

paper



Track your paper

> Order journal

> View articles

# Публикационная этика



## Публикационная этика

- Publishing Ethics Resource Kit (PERK)
- COPE (Committee on Publication Ethics) <http://publicationethics.org/>
- Publishing & Research Ethics (Elsevier Publishing Campus)

Elsevier Publishing Campus



Welcome Andrey  
[PROFILE] [LOG OUT]

HOME COLLEGES ▾ ABOUT MEDIA HELP

SEARCH



## Training. Advice. Live Discussion. Networks.

Free online lectures. Interactive training courses. Expert advice. Resources to support you in publishing your world-class book or journal article. Certificates to recognize your efforts.

### College of Skills Training

Online lectures and interactive training courses to boost your



### College of Big Ideas

Community discussions on the latest trends and innovations in



### College of Networking

Understand how to make the most of every opportunity and



## Ответственность автора

- Оригинальность – отсутствие сфабрикованных данных, фальсификации, плагиата
- Ссылки и контекст – разрешенное использование материалов из других источников и указание на них
- Конфликт интересов – другая деятельность автора, согласование с работодателем
- Авторство – первый автор и соавторы; подаренное авторство; правильность информации об авторах
- Подача – отсутствие одновременной подачи


### Кто еще несет ответственность?

Все заинтересованные лица играют свою роль в поддержке этических норм: авторы; институты/компании/агентства/ финансирующие организации; издатели/редакторы

Последствия - письма выражающие сомнения и замечания; изъятие статьи; дисциплинарное наказание в гос. организациях и финансирующих органах


## Нарушения авторской этики

- Фабрикация - «Изобретение» научных данных
- Фальсификация - Манипуляция данными
- Плагиат - Плагиат принимает различные формы от присвоения авторства чужой статьи до использования исследований, проведенных другими, без указания источника



Это три наиболее распространенные формы  
этических нарушений

# Компрометированная статья

doi:10.1016/j.sigpro.2005.07.019  Cite or Link Using DOI  
Copyright © 2005 Elsevier B.V. All rights reserved.

## RETRACTED: Matching pursuit-based approach

N. Ruiz-Reyes<sup>a</sup>, , , P. Vera-Candeas<sup>a</sup>, , , J. Curpián-Alonso<sup>a</sup>, , , J.C. C...

<sup>a</sup>Electronics and Telecommunication Engineering Department, University of...

by

Available online 24 August 2005.

This article has been retracted at the request of the Editor-in-Chief and Publisher.  
<http://www.elsevier.com/locate/withdrawalpolicy>.

Reason: This article is virtually identical to the previously published article "A novel matching pursuit-based signal processing method for improving SNR in ultrasonic NDT of highly scattering materials, such as steel and composites. Matching pursuit is used instead of BP to reduce the complexity. Despite its iterative nature, the method is fast enough to be real-time implemented. The performance of the proposed method has been evaluated using both computer simulation and experimental results. When the input SNR (SNR<sub>in</sub>) is lower than 0dB (the level of echoes coming from microstructures is above the level of noise echoes).

the echoes issuing from the flaws to be detected. Therefore, it cannot be cancelled by classical time averaging or matched band-pass filtering techniques.

Many signal processing techniques have been utilized for signal-to-noise ratio (SNR) improvement in ultrasonic NDT of highly scattering materials. The most popular one is the split spectrum processing (SSP) [1–3], because it makes possible real-time ultrasonic test for industrial applications, providing quite good results. Alternatively to SSP, wavelet transform (WT) based denoising/detection methods have been proposed during recent years [4–8], yielding usually to higher improvements of SNR at the expense of an increase in complexity. Adaptive time-frequency analysis by basis pursuit (BP) [9,10] is a recent technique for decomposing a signal into an optimal superposition of elements in an over-complete waveform dictionary. This technique and some other related techniques have been successfully applied to denoising ultrasonic signals contaminated with grain noise in highly scattering materials [11,12], as an alternative to the WT technique, the computational cost of the BP algorithm being the main drawback.

In this paper, we propose a novel matching pursuit-based signal processing method for improving SNR in ultrasonic NDT of highly scattering materials, such as steel and composites. Matching pursuit is used instead of BP to reduce the complexity. Despite its iterative nature, the method is fast enough to be real-time implemented. The performance of the proposed method has been evaluated using both computer simulation and experimental results. When the input SNR (SNR<sub>in</sub>) is lower than 0dB (the level of echoes coming from microstructures is above the level of noise echoes).

space. We define the over-complete dictionary as a family  $D = \{g_i; i=0,1,\dots,L\}$  of vectors in  $H$ , such as  $\|g_i\| = 1$ .

The problem of choosing functions  $g_i[n]$  that best approximate the analysed signal  $x[n]$  is computationally very complex. Matching pursuit is an iterative algorithm that offers sub-optimal solutions for decomposing signals in terms of expansion functions chosen from a dictionary, where  $\ell^2$  norm is used as the approximation metric because of its mathematical convenience. When a well-designed dictionary is used in matching pursuit, the non-linear nature of the algorithm leads to compact and sparse signal models.

In each step of the iterative procedure, vector  $g_i[n]$  which gives the largest inner product with the analysed signal is chosen. The contribution of this vector is then subtracted from the signal and the process is repeated on the residual. At the  $m$ th iteration the residue is

$$r^m[n] = \begin{cases} x[n] & m=0, \\ r^{m-1}[n] + a_{km} g_{km}[n], & m \neq 0, \end{cases} \quad (1)$$

where  $a_{km}$  is the weight associated to optimum atom  $g_{km}[n]$  at the  $m$ th iteration.

The weight  $a_i^m$  associated to each atom  $g_i[n] \in D$  at the  $m$ th iteration is introduced to compute all the inner products with the residual  $r^m[n]$ :

$$\begin{aligned} a_i^m &= \frac{\langle r^m[n], g_i[n] \rangle}{\langle g_i[n], g_i[n] \rangle} = \frac{\langle r^m[n], g_i[n] \rangle}{\|g_i[n]\|^2} \\ &= \langle r^m[n], g_i[n] \rangle. \end{aligned} \quad (2)$$

The optimum atom  $g_{km}[n]$  (and its weight  $a_{km}$ ) at the  $m$ th iteration are obtained as follows:

$$\begin{aligned} g_{km}[n] &= \arg \min_{g_i[n] \in D} \|\langle r^m[n], g_i[n] \rangle\|^2 \\ &= \arg \max_{g_i[n] \in D} |a_i^m|^2 = \arg \max_{g_i[n] \in D} |a_i^m|. \end{aligned} \quad (3)$$

The computation of correlations  $\langle r^m[n], g_i[n] \rangle$  for highly scattering materials is computationally very complex. The computation of correlations  $\langle r^m[n], g_i[n] \rangle$  for highly scattering materials is computationally very complex.

(4)

Статья содержащая плагиат удаляется из ссылок, но остается доступной в Science Direct

# Требования Scopus





# Scopus

крупнейшая в мире  
реферативная и аналитическая  
база научных публикаций и  
цитирований

**22 245** академических журналов  
от **5 000** различных издательств включая **400+** российских изданий

**65** миллионов рефератов

Более **120** тысяч книг (в рамках программы расширения книжного контента)

Более **100** стран мира

**5,5** млн. материалов научных конференций

**390** отраслевых изданий

**25,2** миллиона патентных записей



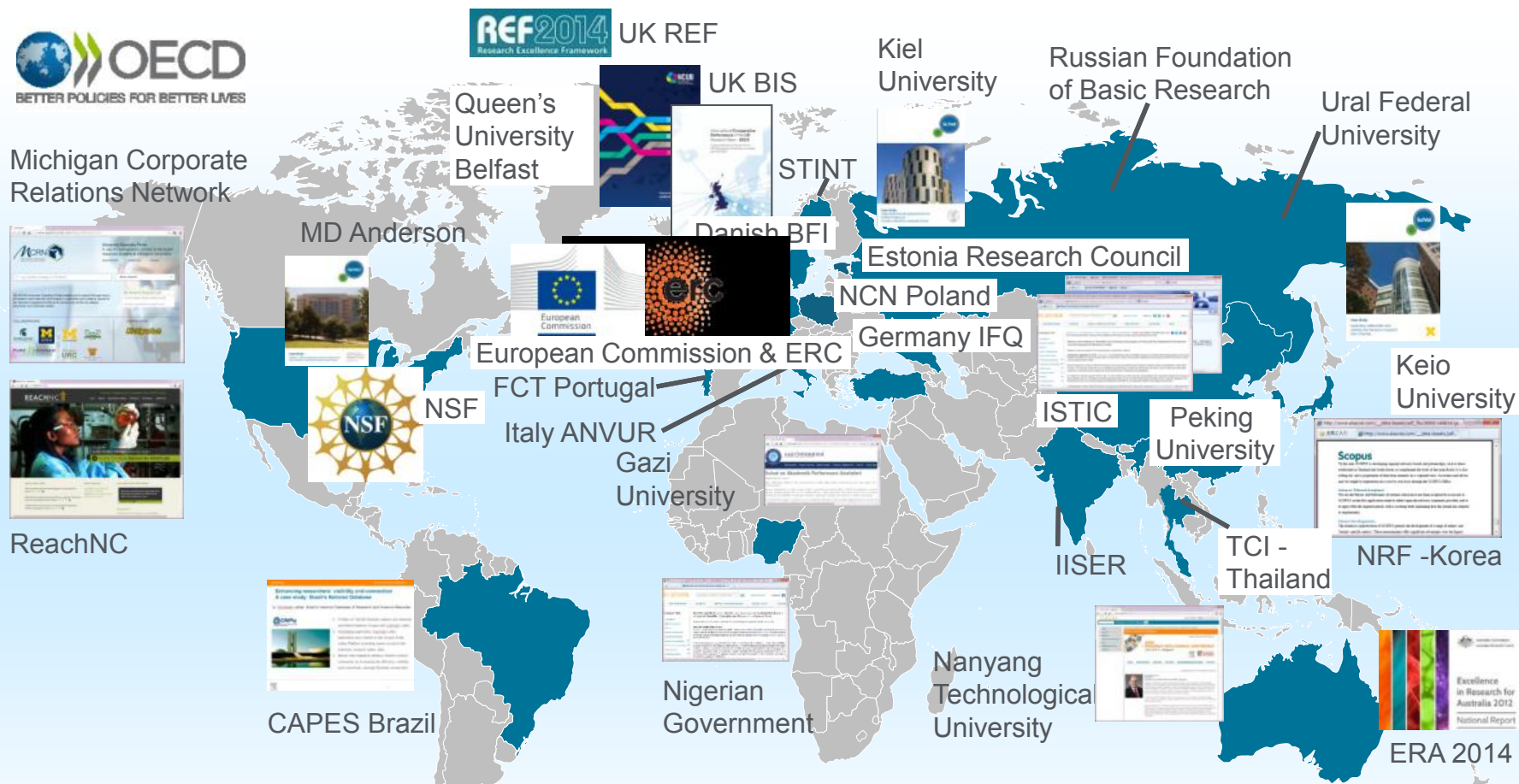
Естественно-  
технические науки  
6600

Медицина  
6300

Биология и  
смежные науки  
4050

Гуманитарные  
науки  
6350

# Данные Scopus – стандарт для оценки науки в мире

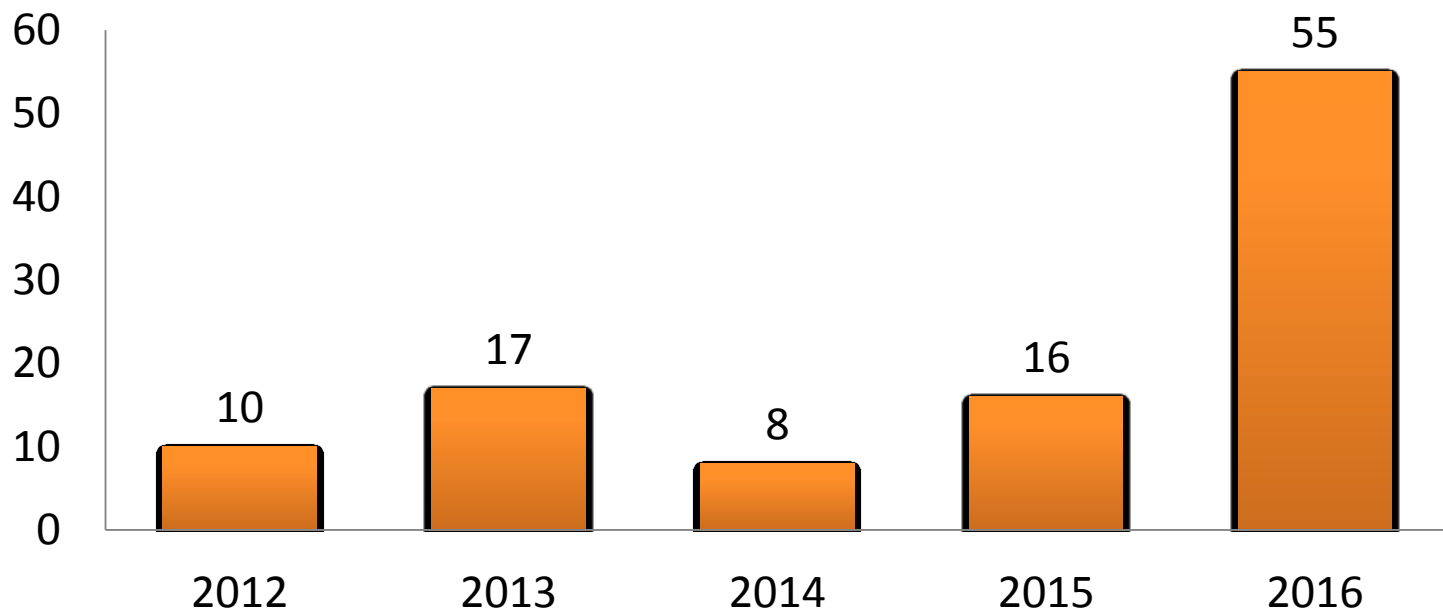


## Rankings:



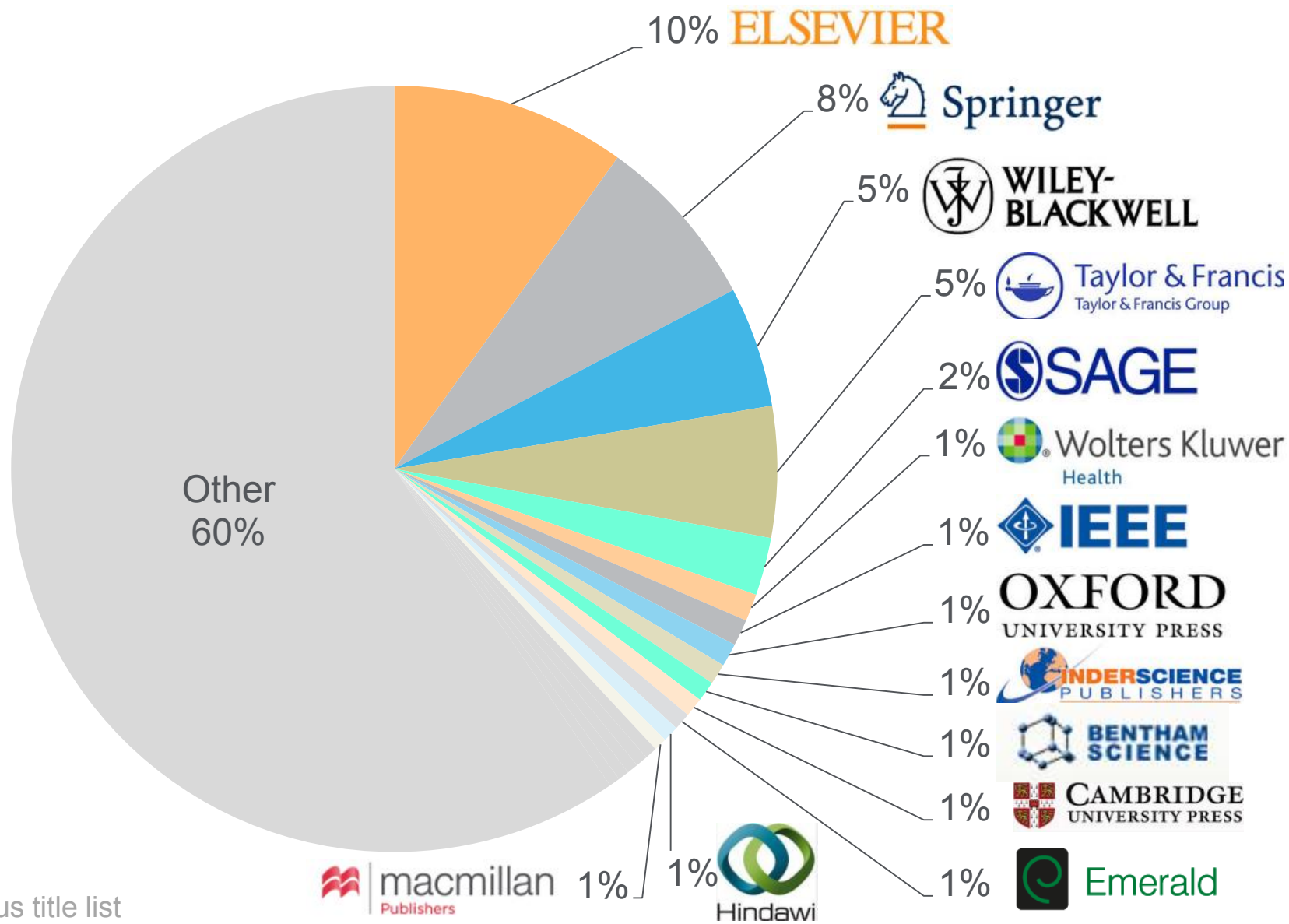
## Российская наука в фокусе внимания Scopus

- в Scopus индексируется **404** российских журнала
- С **2015** года помимо международного экспертного совета по отбору контента Scopus, функционирует **Российский совет по отбору контента Scopus**, обеспечивающий большее внимание к российским научным журналам.



■ Количество активных российских журналов в Scopus

## Распределение журналов по издательствам в Scopus



## Как содержание попадает в Scopus?



# Если в оригинале статьи ЕСТЬ необходимый минимальный объем информации на английском, то он появится и в Scopus и статья будет проиндексирована корректно !

## Информация на странице издательства

→ [www.rudmet.com/journal/1297/article/22103/](http://www.rudmet.com/journal/1297/article/22103/)

Main  
Catalog  
Journals  
Gornyi Zhurnal (Mining Journal)  
Obogashchenie Rud (Mineral processing)  
Gornyi Mir (Mining world)  
Tsvetnye Metally (Non-ferrous metals)  
Chernye Metally (Ferrous metals)  
Materialy Elektronnoi Tekhniki (Materials of Electronic Technics)  
The Economics and News of the Global Nuclear Market  
Eurasian Mining  
Non-ferrous Metals  
CIS Iron and Steel Review  
MPT International  
CP+T International  
Aluminium & its Alloys  
Museums  
Books

Journals → Gornyi Zhurnal (Mining Journal) → 2014 → #4 → [Back](#)

### PROCESSING AND COMPLEX USAGE OF MINERAL RAW MATERIALS

**Title** Copper-molybdenum ore beneficiation by flotation and bio-hydrometallurgical combination technology

**Author** Morozov V. V., Pestryak I. V., Baatarkhuu Zh., Khandmaa S.  
Moscow State Mining University (Moscow, Russia)  
Morozov V. V., Head of Department of Chemistry  
Pestryak I. V., Assistant Professor, Candidate of Engineering Sciences

**Authors' Information** Erdenet Mining Corporation (Erdenet, Mongolia):  
Baatarkhuu Zh., Chief Dresser, Doctor of Engineering Sciences

Mongolyn Alt (MAK) Group (Ulaanbaatar, Mongolia):  
Khandmaa S., Director of the Center for Technology Development

**Abstract** The objective of the present study was to find regular patterns in processing of complex copper-molybdenum ore by flotation and bio-hydrometallurgical method and to choose application conditions for combination of the methods. As a result of the studies, the indexes and parameters of acid and bio-hydrometallurgical leaching of middling products were related with the grain size of the products, acidity of the medium, leaching duration, and temperature and density of the pulp slurry. The recommended optimum conditions for flotation of middling products are pH range from 10.2 to 10.5 at 72 to 75% content of mineral particles -74 µm in size. The best performance of bacterium-acid leaching is reached at the concurrent feed of biomass and acid at the pulp slurry density of 50% and the medium temperature of 32-36°C. The developed combination scheme and dressing technology for middling products of copper-molybdenum ore bulk flotation includes ore grinding, flotation of sulfide minerals, bacterium leaching of flotation tailings, liquid-phase extraction of dissolved copper and electrolysis of re-extraction column effluents.

**Keywords** Copper-molybdenum ore, flotation, processing of middling products, sorption extraction

1. Shadrunkova I. V., Starostina N. N., Astafeva N. I. *Thermodynamic Analysis of Interconnection of Copper, Zinc and Iron Sulphides in Weak Sulfuric Acid Solutions*. *Voprosy prikladnoi khimii* (Interuniversity collection). Magnitogorsk: Magnitogorsk State Technical University, 2011, No. 2, pp. 61-65.
2. Sedelnikova G. V., Romanchuk A. I. *Gornyi Zhurnal* (Mining Journal), 2011, No. 2, pp. 61-65.
3. Pestryak I. V., Morozov V. V., Khandmaa S. *Informational and Analytical Bulletin*, 2011, No. 2, pp. 61-65.
4. Sokolov V. I., Morozov V. V. *Gornyi Zhurnal* (Mining Journal), 2011, No. 2, pp. 61-65.

## Информация в Scopus

Scopus

Search Alerts My list Settings

Back to results | < Previous 11 of 132 Next >

Webcat Plus Copac CSV export Download More...

Gornyi Zhurnal

Issue 4, April 2014, Pages 88-94

### Copper-molybdenum ore beneficiation by flotation and bio-hydrometallurgical combination technology (Article)

Morozov, V.V.<sup>a</sup>, Pestryak, I.V.<sup>a</sup>, Baatarkhuu, Zh.<sup>b</sup>, Khandmaa, S.<sup>c</sup>

<sup>a</sup> Moscow State Mining University, Moscow, Russian Federation

<sup>b</sup> Erdenet Mining Corporation, Erdenet, Mongolia

<sup>c</sup> Mongolyn Alt (MAK) Group, Ulaanbaatar, Mongolia

#### Abstract

The objective of the present study was to find regular patterns in processing of complex copper-molybdenum ore by flotation and bio-hydrometallurgical method and to choose application conditions for combination of the methods. As a result of the studies, the indexes and parameters of acid and bio-hydrometallurgical leaching of middling products were related with the grain size of the products, acidity of the medium, leaching duration, and temperature and density of the pulp slurry. The recommended optimum conditions for flotation of middling products are pH range from 10.2 to 10.5 at 72 to 75% content of mineral particles -74 µm in size. The best performance of bacterium-acid leaching is reached at the concurrent feed of biomass and acid at the pulp slurry density of 50% and the medium temperature of 32-36°C. The developed combination scheme and dressing technology for middling products of copper-molybdenum ore bulk flotation includes ore grinding, flotation of sulfide minerals, bacterium leaching of flotation tailings, liquid-phase extraction of dissolved copper and electrolysis of re-extraction column effluents.

#### Author keywords

Bacterium-acid leaching; Combination schemes; Copper-molybdenum ore; Flotation; Processing of middling product; Sorption extraction

ISSN: 0017-2275 Source Type: Journal Original language: Russian

Document Type: Article

Publisher: "Ore and Metals" Publishing house

#### References (6)

Page CSV export Print E-mail Create bibliography

1. Shadrunkova, I.V., Starostina, N.N., Astafeva, N.I.

(1999) *Thermodynamic Analysis of Interconnection of Copper, Zinc and Iron Sulphides in Weak Sulfuric Acid Solutions*. *Voprosy Prikladnoi Khimii: Mezhdunarodnyi Sbornik (Problems of Applied Chemistry: Interuniversity Collection)*, pp. 61-65.

Magnitogorsk: Magnitogorsk State Technical University



## Журнал может подать заявку на его добавление в Scopus. CSAB рассматривает заявку, оценивает журнал и выносит решение

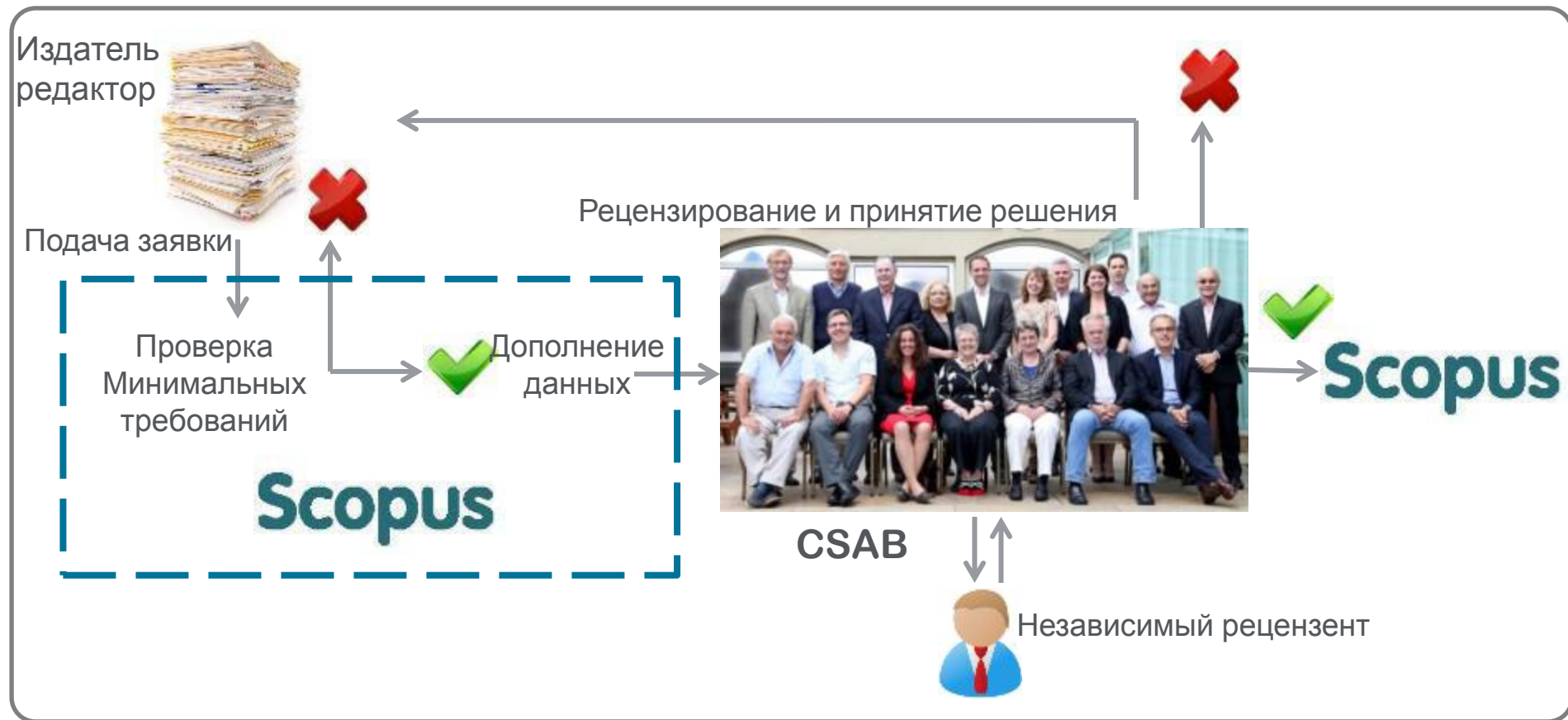


- Издания отбираются независимым Content Selection & Advisory Board (CSAB)
- В основе CSAB – экспертиза в отдельной предметной области; многие члены Совета – бывшие редакторы

### Фокус на качество через отбор содержаниям независимым CSAB для:

- Обеспечения точных и релевантных результатов поиска для пользователей
- Отсутствия некачественных данных
- Поддержка статуса авторитетной базы данных, «отражающей верные данные» и доверия пользователей

# Прозрачный процесс рассмотрения журнала



**Continuous review process** using online Scopus Title Evaluation Platform (STEP)

Online suggestion form: <http://suggestor.step.scopus.com/index.cfm>



# Критерии оценки журнала

**Все** журналы должны соответствовать **всем** минимальным критериям для прохождения дальнейшей оценки

Рецензируемый

Заглавие, инфо об авторах, аннотация, ключевые слова на англ.

Регулярность издания

Пристатейная литература в романском алф.

Декларация издательской этики

Проходящие эти критерии журналы далее оцениваются CSAB по комбинации 14 количественных и качественных критериев:

Редакционная политика	Качество содержания	Положение журнала	Регулярность	Онлайн доступность
<ul style="list-style-type: none"> <li>Убедительная редакторская концепция/политика (цели)/правила публикации журнала</li> <li>Тип рецензирования</li> <li>Географическое разнообразие редколлегии</li> <li>Географическое разнообразие авторов</li> </ul>	<ul style="list-style-type: none"> <li>Научный вклад в направление</li> <li>Понятные и полные аннотации</li> <li>Качество и соответствие заявленной политике/целям издания</li> <li>Читаемость статей</li> </ul>	<ul style="list-style-type: none"> <li>Цитируемость статей журнала в Scopus</li> <li>Положение редколлегии (цитируемость, публикационная активность)</li> </ul>	<ul style="list-style-type: none"> <li>Издание в соответствии с графиком, без задержек</li> </ul>	<ul style="list-style-type: none"> <li>Содержание доступно онлайн</li> <li>Англоязычная домашняя страница журнала</li> <li>Качество домашней страницы</li> </ul>

Детальная информация: <http://www.elsevier.com/online-tools/scopus/content-overview>

Вопросы: [titlesuggestion@scopus.com](mailto:titlesuggestion@scopus.com)



# Важность библиографических данных на английском

Document search | Author search | Affiliation search | Advanced search [Browse Sources](#) [Analyze Journals](#)

On some properties of ring varieties, where isomor Article Title

+ Add search field

**Siberian Electronic Mathematical Reports**  
Volume 8, Issue 1, 2011, Pages 179-190

**On some properties of ring varieties, where isomorphic zero-divisor graphs of finite rings give isomorphic rings**  
Kuzmina, A.S.  

Abstract [View references \(7\)](#)

Denote by  $\Gamma(R)$  the zero-divisor graph of an associative ring  $R$ . In this paper, we study varieties of associative rings, where an isomorphism of  $\Gamma(R)$  and  $\Gamma(S)$  implies an isomorphism of the rings  $R$  and  $S$  for any finite rings  $R, S$ .

Author keywords

Finite ring; Variety of associative rings; Zero-divisor graph

ISSN: 18133304 Source Type: Journal Original language: Russian  
Document Type: Article

Cited by 3 documents since 1996

**Describing ring varieties in which all finite rings have Hamiltonian zero-divisor graphs**

Mal'tsev, Y.N. , Kuz'mina, A.S.  
(2013) *Algebra and Logic*

**The description of varieties of rings whose finite rings are uniquely determined by their zero-divisor graphs**




Zhuravlev, E.V. , Kuz'Mina, A.S. , Mal'Tsev, Yu.N.  
(2013) *Russian Mathematics*

**On varieties of rings whose finite rings are determined by their zero-divisor graphs**

Kuzmina, A.S. , Maltsev, Y.N.  
(2012) *Asian-European Journal of Mathematics*

[View all 3 citing documents](#)

## References (7)

☐ Page  CSV export  Print  E-mail  Create bibliography

- ☐ Akbari, S., Mohammadian, A.  
1 **On the zero-divisor graph of a commutative ring**  
(2004) *Journal of Algebra*, 274 (2), pp. 847-855. Cited 46 times.  
doi: 10.1016/S0021-8693(03)00435-6  
[Full Text](#) [View at Publisher](#)
- ☐ Akbari, S., Mohammadian, A.  
2 **On zero-divisor graphs of finite rings**  
(2007) *Journal of Algebra*, 314 (1), pp. 168-184. Cited 23 times.  
doi: 10.1016/j.jalgebra.2007.02.051  
[Full Text](#) [View at Publisher](#)
- ☐ Anderson, D.F., Livingston, P.S.  
3 **The zero-divisor graph of a commutative ring**  
(1999) *Journal of Algebra*, 217 (2), pp. 434-447. Cited 222 times.  
[View at Publisher](#)
- ☐ Beck, I.  
4 **Coloring of commutative rings**  
(1988) *Journal of Algebra*, 116 (1), pp. 208-226. Cited 188 times.  
[View at Publisher](#)
- ☐ Redmond, S.P.  
5 **The zero-divisor graph of a noncommutative ring**  
(2002) *Int. J. Commut. rings*, 1 (4), pp. 203-211. Cited 47 times.
- ☐ Rowen, L.H.  
6 (1980) *Polynomial Identities in Ring Theory*. Cited 234 times.  
Academic Press
- ☐ Tarski, A.  
7 **Equationally complete rings and relation algebras**  
(1956) *Indag. Math.*, 18, pp. 39-46. Cited 5 times.

# Импорт данных из источника

Siberian Electronic Mathematical Reports

ISSN 1813-3304

## Content Volume 8 (2011)

Kuzmina A. S.  
On some properties of ring varieties, where isomorphic zero-divisor graphs of finite rings give isomorphic rings,  
pp. 179-190. [Russian, English abstract]  
[PDF](#)

### СПИСОК ЛИТЕРАТУРЫ

- [1] Akbari S., Mohammadian A. *On the zero-divisor graph of a commutative ring*, Journal of Algebra, **274** (2004), 847–855. MR 2043378
- [2] Akbari S., Mohammadian A. *On zero-divisor graphs of finite rings*, Journal of Algebra, **314** (2007), 168–184. MR 2331757
- [3] Anderson D.F., Livingston P.S. *The Zero-Divisor Graph of a Commutative Ring*, Journal of Algebra, **217** (1999), 434–447. MR 1700509
- [4] Beck I. *Coloring of Commutative Rings*, Journal of Algebra, **116** (1988), 208–226. MR 0944156
- [5] Redmond S.P. *The zero-divisor graph of a noncommutative ring*, Int. J. Commut. rings **1**(4) (2002), 203–211. MR 2084907
- [6] Rowen L.H. *Polynomial Identities in Ring Theory*, Academic Press, 1980. MR 0576061
- [7] Tarski A. *Equationally complete rings and relation algebras*, Indag. Math., **18** (1956), 39–46. MR 0082961
- [8] Андрунакиевич В.А., Рябухин Ю.М. *Радикалы алгебр и структурная теория*, Наука, Москва, 1979. MR 0548864
- [9] Джекобсон Н. *Строение колец*, Изд-во иностр. литературы, Москва, 1961. MR 0081264
- [10] Елизаров В.П. *Конечные кольца*, Гелиос АРВ, Москва, 2006.
- [11] Кузьмина А.С. *Описание конечных не-nilпотентных колец, имеющих планарные графы делителей нуля*, Дискретная математика, **4** (2009), 60–75. MR 2641018
- [12] Львов И.В. *О многообразия ассоциативных колец  $I$* , Алгебра и логика, **12**(3) (1973), 269–297. MR 0389973

Анна Сергеевна Кузьмина

Алтайская государственная педагогическая академия,  
ул. Молодежная 55,  
656031, Барнаул, Россия

E-mail address: akuzmina1@yandex.ru

S@MR

ISSN 1813-3304

## СИБИРСКИЕ ЭЛЕКТРОННЫЕ МАТЕМАТИЧЕСКИЕ ИЗВЕСТИЯ

Siberian Electronic Mathematical Reports  
<http://semr.math.nsc.ru>

Том 8, стр. 179–190 (2011)

УДК 512.552.4  
MSC 16R10

### О НЕКОТОРЫХ СВОЙСТВАХ МНОГООБРАЗИЙ КОЛЕЦ, В КОТОРЫХ КОНЕЧНЫЕ КОЛЬЦА ОДНОЗНАЧНО ОПРЕДЕЛЯЮТСЯ СВОИМИ ГРАФАМИ ДЕЛИТЕЛЕЙ НУЛЯ

А.С. КУЗЬМИНА

**ABSTRACT.** Denote by  $\Gamma(R)$  the zero-divisor graph of an associative ring  $R$ . In this paper, we study varieties of associative rings, where an isomorphism of  $\Gamma(R)$  and  $\Gamma(S)$  implies an isomorphism of the rings  $R$  and  $S$  for any finite rings  $R, S$ .

**Keywords:** zero-divisor graph, variety of associative rings, finite ring.

#### 1. ВВЕДЕНИЕ

В данной работе рассматриваются ассоциативные кольца (не обязательно коммутативные и не обязательно имеющие единицу).

**Определение.** Графом делителей нуля кольца  $R$  называется граф, вершинами которого являются все ненулевые делители нуля кольца (односторонние и двусторонние), причем две различные вершины  $x, y$  соединяются ребром тогда и только тогда, когда  $xy = 0$  или  $yx = 0$ .

Обычно граф делителей нуля кольца  $R$  обозначается через  $\Gamma(R)$ . Мы также будем использовать это обозначение.

Понятие графа делителей нуля было введено в работе [4]. И. Бек ввел это понятие для коммутативного кольца и вершинами графа делителей нуля считал все элементы кольца. В статье [3] определение было изменено: в качестве

KUZMINA, A.S., ON SOME PROPERTIES OF RING VARIETIES, WHERE ISOMORPHIC ZERO-DIVISOR GRAPHS OF FINITE RINGS GIVE ISOMORPHIC RINGS.

© 2011 Кузьмина А.С.

Работа выполнена при поддержке ФЦП «Научные и научно-педагогические кадры инновационной России» (проект 14.740.12.0834).

Поступила 12 августа 2011 г., опубликована 17 августа 2011 г.

## Проект по повторной оценке – свыше 500 журналов

Metric	Benchmark
Self-citations	200%
Citations	50%
Impact Per Publication	50%
Article Output	50%
Abstract Usage	50%
Full Text Links	50%

[www.elsevierscience.ru](http://www.elsevierscience.ru)

ELSEVIER

Присоединяйтесь к нам:



О нас

Продукты

Информация

Бизнес

События

Контакты

Информация

Ваш журнал в Scopus

Для руководителей

Для исследователей

Для библиотек

Ваш

РЕКОМ

Ваш журнал в Scopus

Для руководителей

Для исследователей

Для библиотек

Scopus

ИММЕНТАРИИ

*О.В. Кириллова, к.т.н.**консультант-эксперт БД SCOPUS**член Advisory Board Elsevier Russia,**2009-2012 гг. – член Консультативного совета по формированию контента БД SCOPUS (CSAB), Elsevier*

Предлагая русскоязычные журналы в БД SCOPUS, необходимо хорошо представлять, какую роль информация из журнала должна выполнять в этой БД. Роль журнала велика. Вся аналитика строится на данных из журнала. Журнал выполняет широкий спектр функций, которые в целом дают представление:

- о направлениях развития российской науки и ее достижениях, ее конкурентоспособности и степени интеграции в мировое научное сообщество;
- о публикационной активности российских авторов;
- о публикационной активности и рейтинге российских организаций по публикациям их авторов;
- об оценке степени признания и уровня российских публикаций в мировом сообществе по данным их цитирования;
- о качестве российских журналов в сравнении с мировым потоком изданий в соответствующей предметной области и т.д.

## Elsevier Research Intelligence

Андрей Локтев,  
консультант по ключевым информационным решениям Elsevier  
tel +7 926 582 4211  
e-mail: [a.loktev@elsevier.com](mailto:a.loktev@elsevier.com)  
[www.elsevierscience.ru](http://www.elsevierscience.ru); [www.elsevier.com](http://www.elsevier.com)