

Organization Report

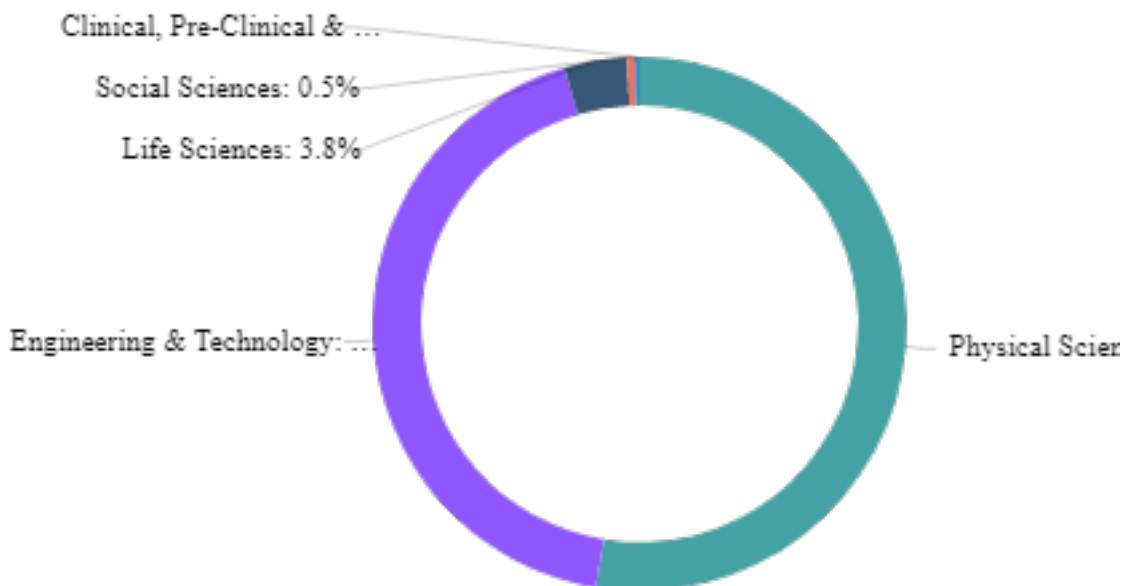
Visualize research, collaboration, and most cited documents across an Organization.

Organization Name: Belarusian State University of Informatics & Radioelectronics | report.Date range 2017 - 2021 | report.Include ESCI documents

Research Performance

Overview

Documents Published by GIPP Research Areas In which research area are authors publishing most?



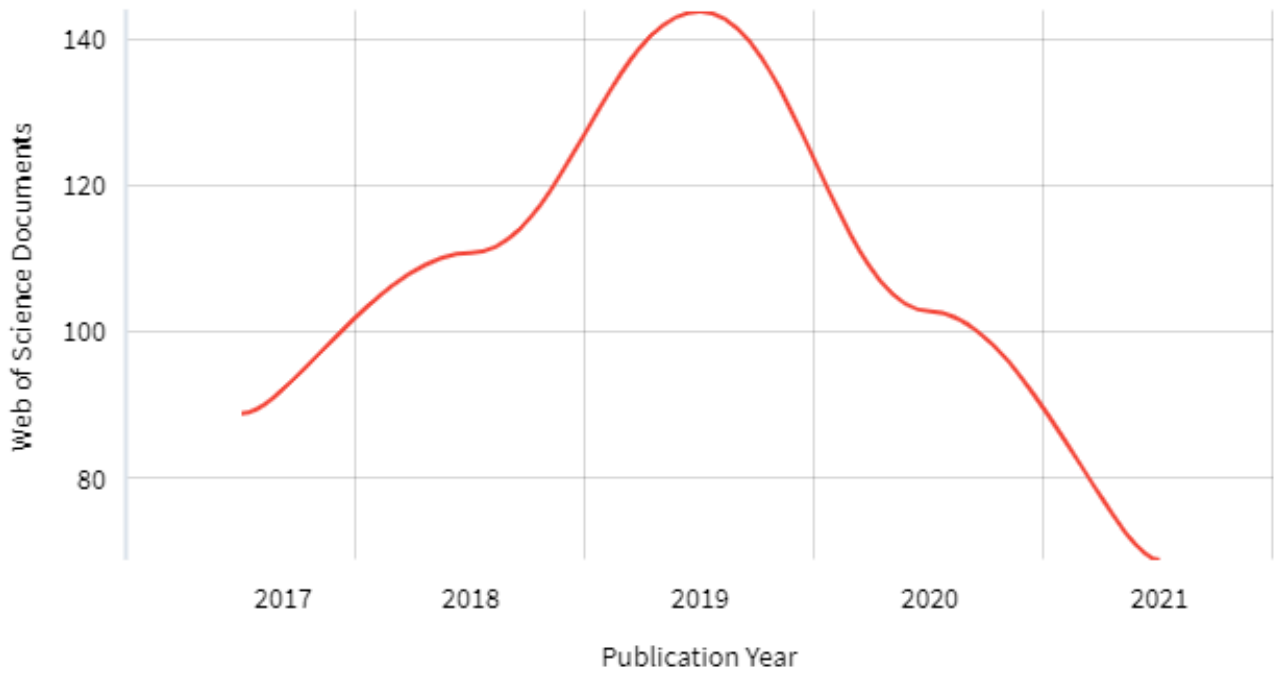
Documents Published by WoS Categories In which categories are authors publishing most?



diagram.Box size indicates Web of Science Documents ⓘ

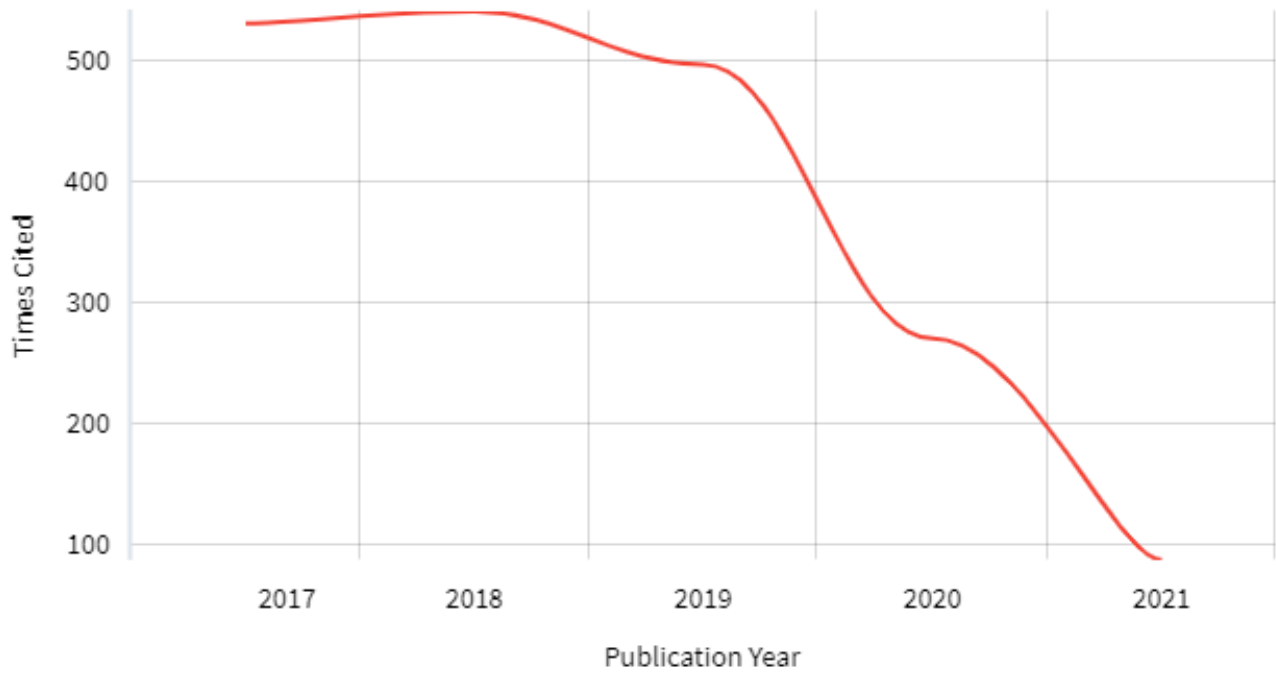
Production

Documents Published per Year How many documents have authors published?



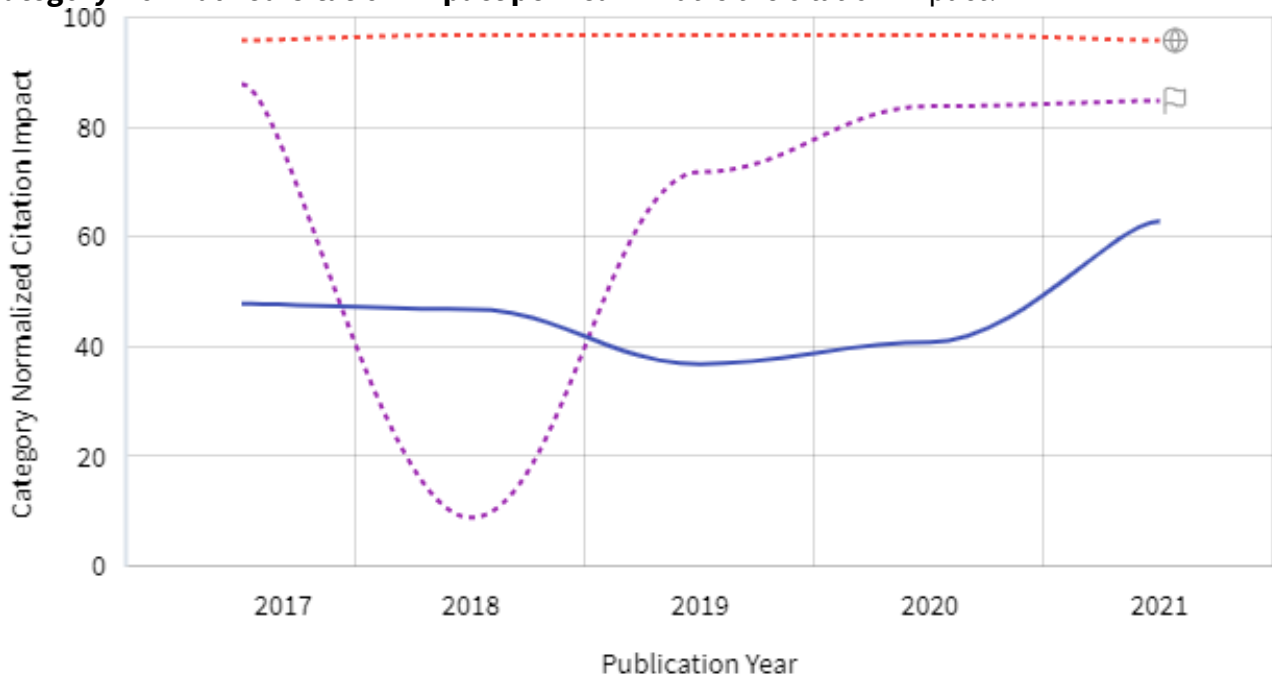
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Times Cited Per Year How many times have authors been cited?



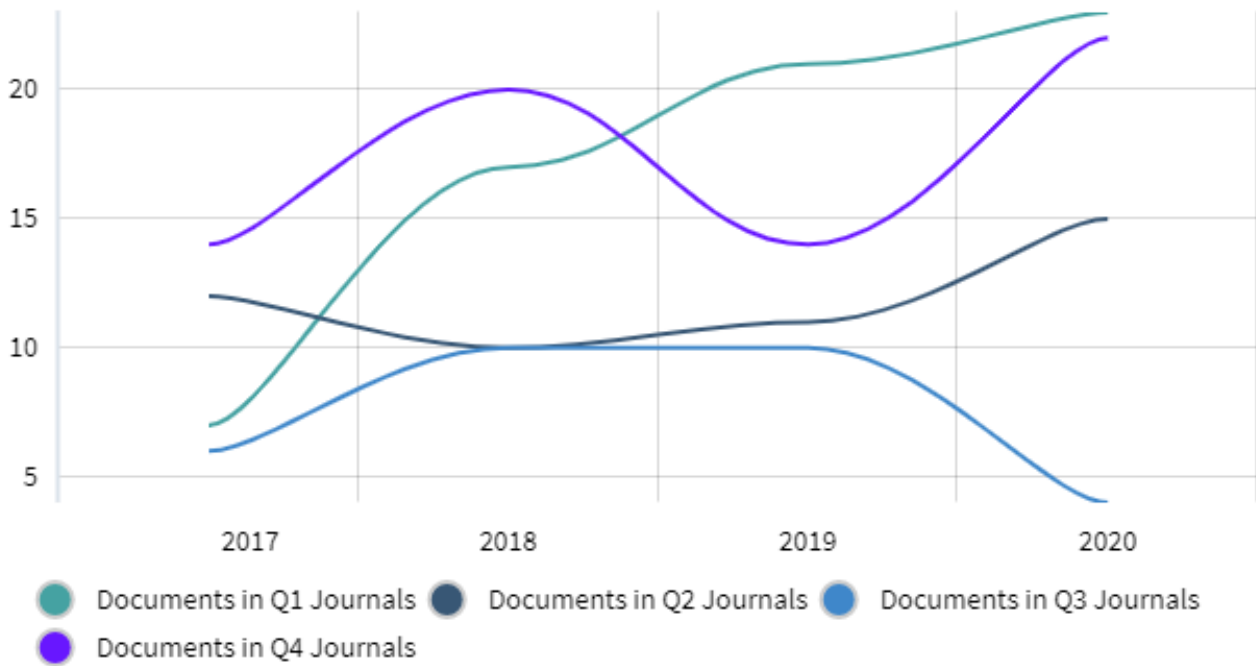
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Category Normalized Citation Impact per Year What is the citation impact?



- 🌐 Global Baseline
- 🇧🇪 Baseline (BELARUS)
- Belarusian State University of Informatics & Radioelectronics

Documents Published per JIF Quartile per Year How many documents have authors published in highly cited journals?



% of Documents per JIF Quartile What percentage of documents have authors published in highly cited journals?



Category Normalized Citation Impact by GIPP Categories In which categories are authors having the most citation impact?



diagram.Box size indicates Category Normalized Citation Impact ⓘ

Citation Topic WordCloud The micro citation topic word cloud based on the Organization



Reputation Survey

Research Indicators How does documents published and citation impact compare to institution demographics?



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Teaching Indicators How does teaching reputation compare to institution demographics?

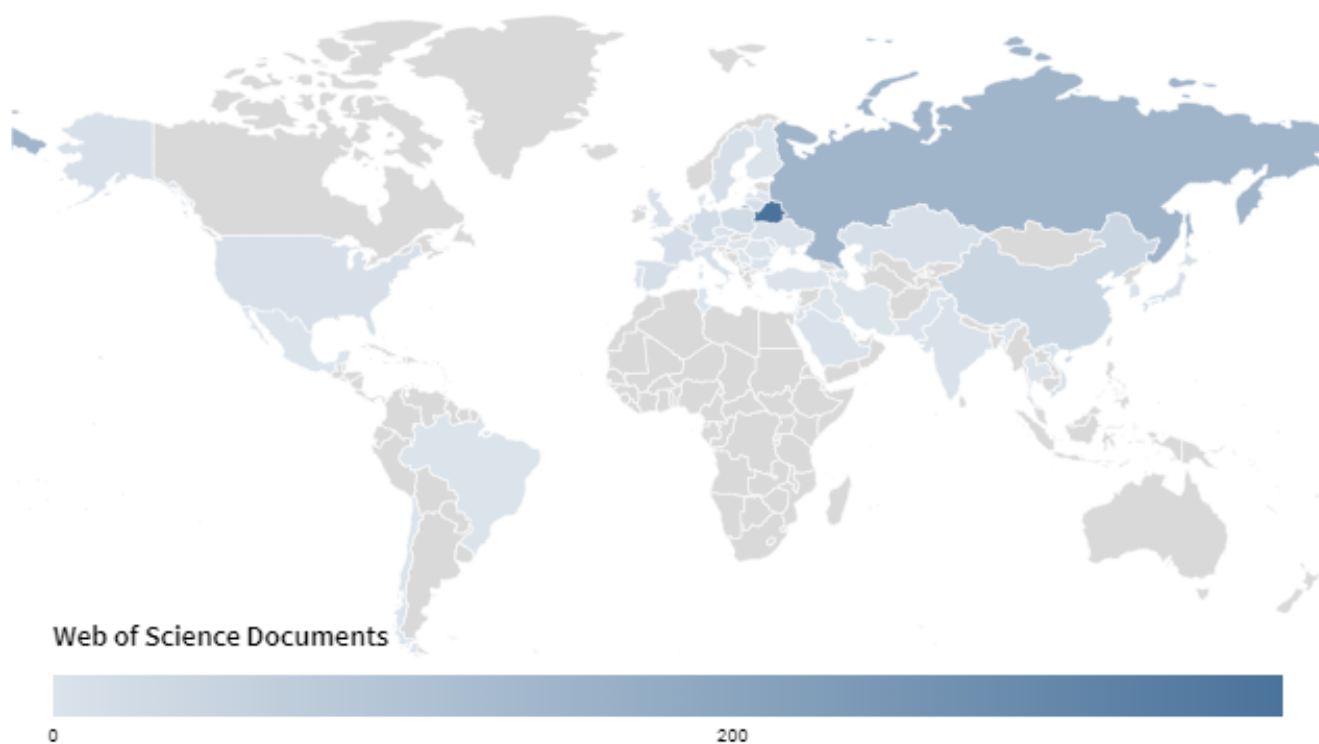


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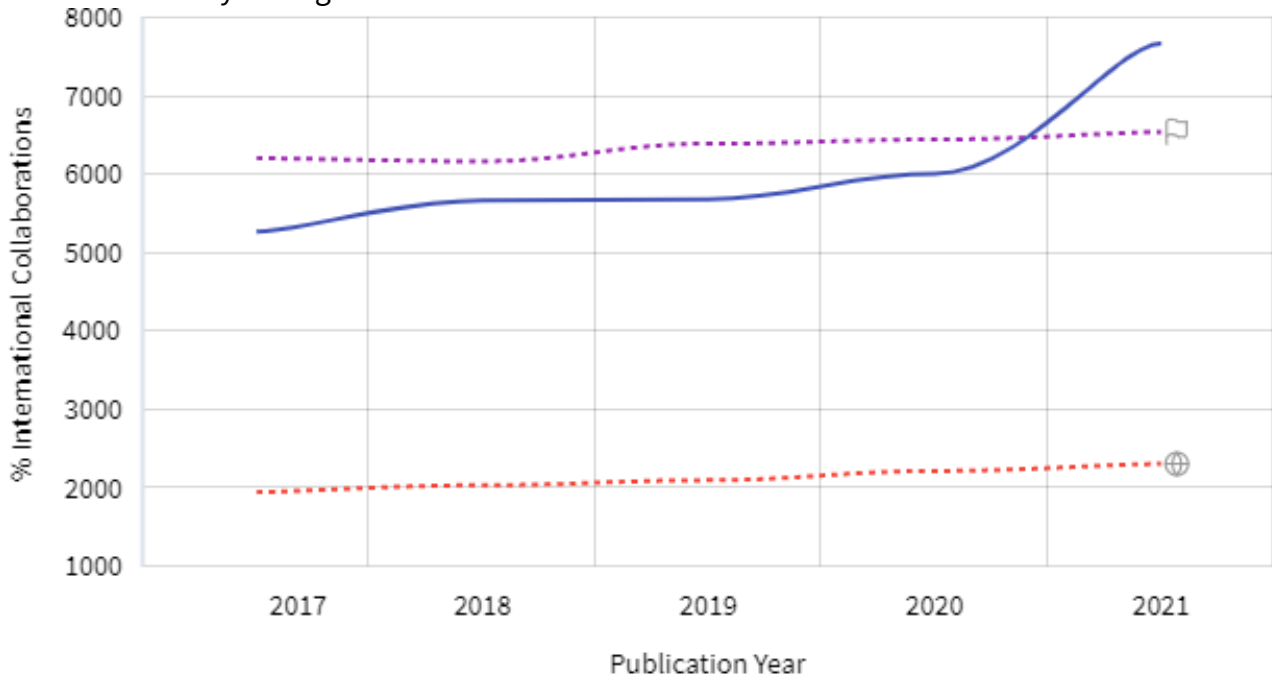
Collaboration

International Collaboration

Collaborations by Country/ Region Where are co-authors located?



% International Collaborations per Year Are international collaborations more frequent than the global and country average?



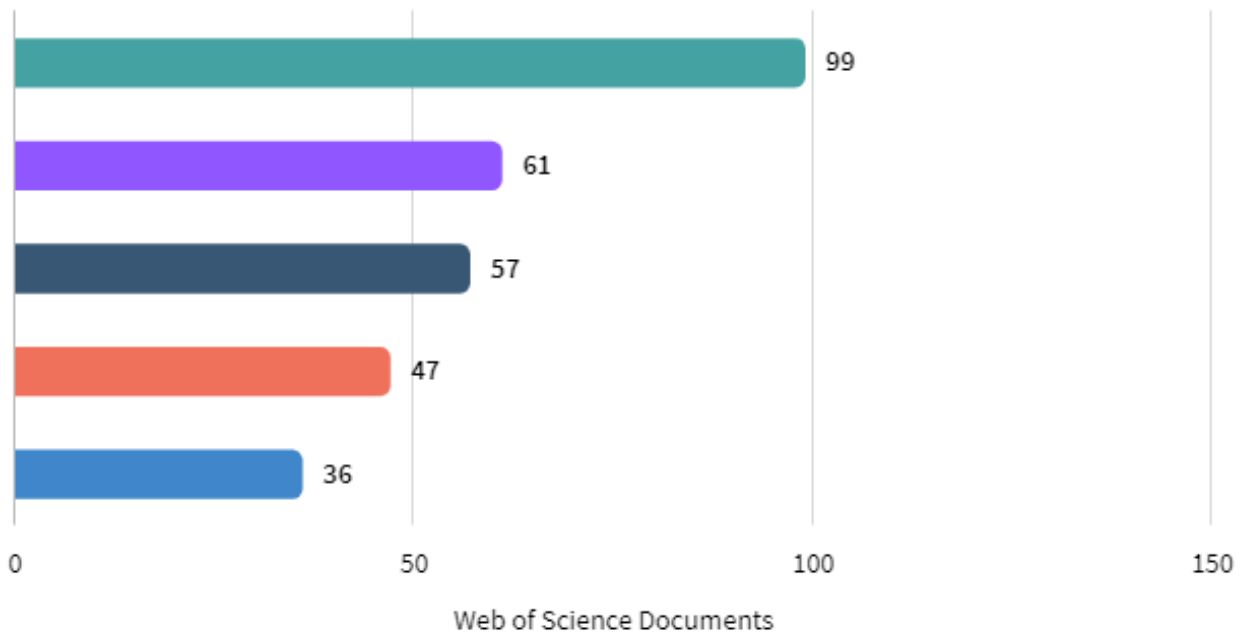
- 🌐 Global Baseline
- 🚩 Baseline (BELARUS)
- Belarusian State University of Informatics & Radioelectronics

Collaborations by Country and Research Area Are international collaborations focused in particular research areas and regions?

PHYSICS, APPLIED	84	45	4	4	10	0	4	15	0	2
MATERIALS SCIENCE, MULTIDISCIPLINARY	102	42	3	6	7	0	4	22	1	5
PHYSICS, CONDENSED MATTER	57	29	3	8	6	0	0	3	0	1
NANOSCIENCE & NANOTECHNOLOGY	61	28	2	2	4	0	1	14	1	0
ENGINEERING, ELECTRICAL & ELECTRONIC	49	20	0	0	6	0	3	6	0	0
MATERIALS SCIENCE, COATINGS & FILMS	22	10	2	1	3	0	0	4	0	0
OPTICS	32	16	0	4	2	0	3	4	1	5
CHEMISTRY, PHYSICAL	35	16	2	4	6	0	3	6	0	4
PHYSICS, MULTIDISCIPLINARY	18	4	0	3	2	0	1	1	0	1
SPECTROSCOPY	18	6	0	0	1	0	1	0	0	0
	BELARUS	RUSSIA	ITALY	GERMANY (FED REP GER)	POLAND	USSR	FRANCE	CHINA MAINLAND	UNITED KINGDOM	SPAIN

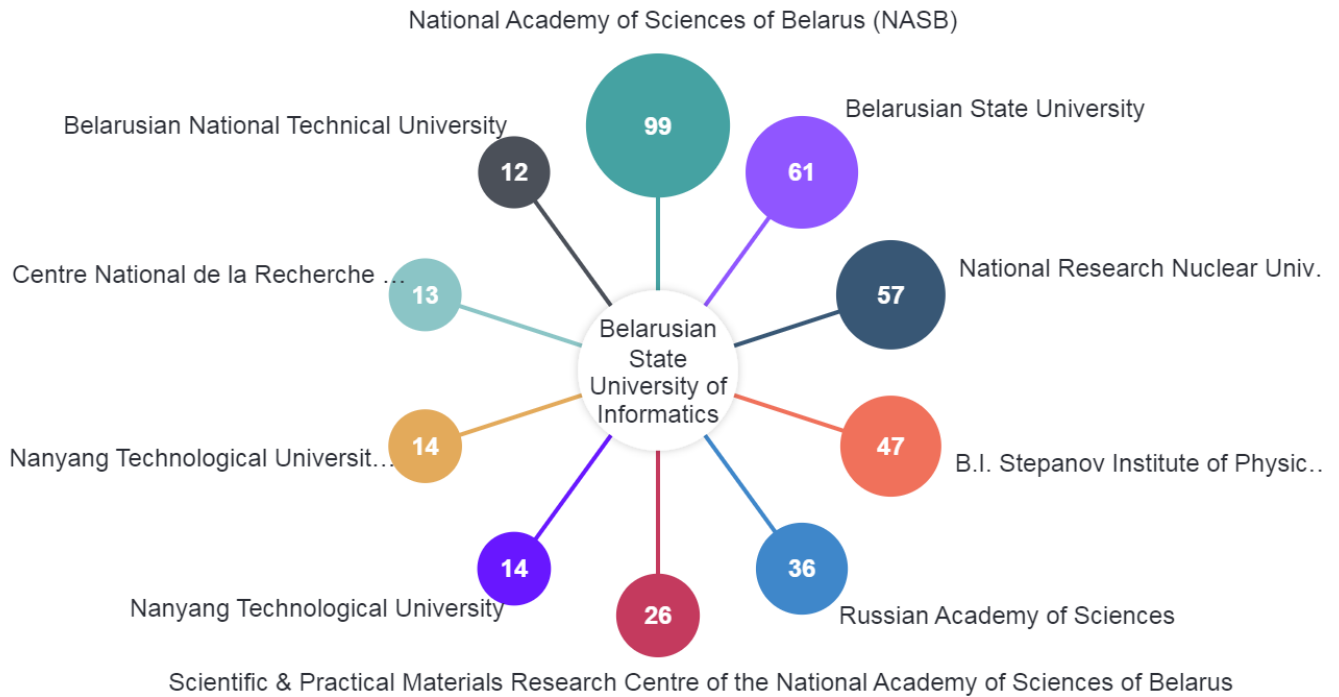
Collaborating Institutions

Top Collaborating Organizations Who are most frequent collaborating organizations?



- National Academy of Sciences of Belarus (NASB)
- Belarusian State University
- National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)
- B.I. Stepanov Institute of Physics of the National Academy of Sciences of Belarus
- Russian Academy of Sciences

Top Collaborating Academic Organizations Who are most frequent collaborating academic organizations?



Reputation Survey

International Mix How does international collaboration compare to the institution's international demographics?

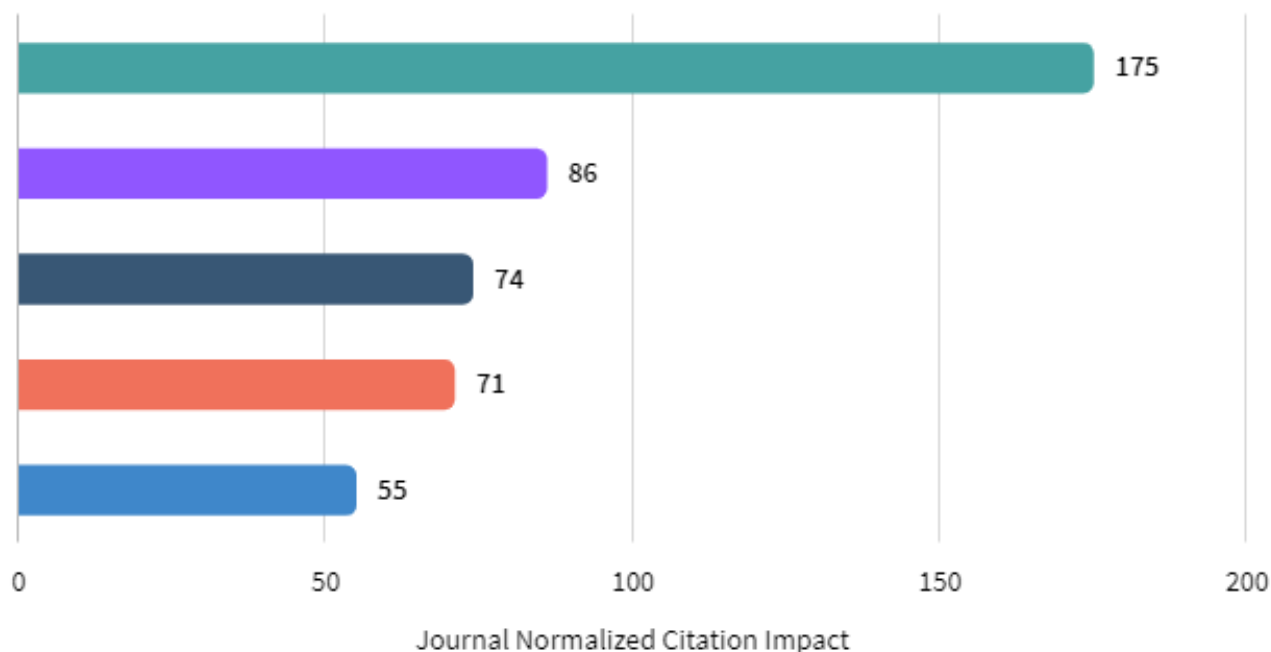


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Journal Utilization

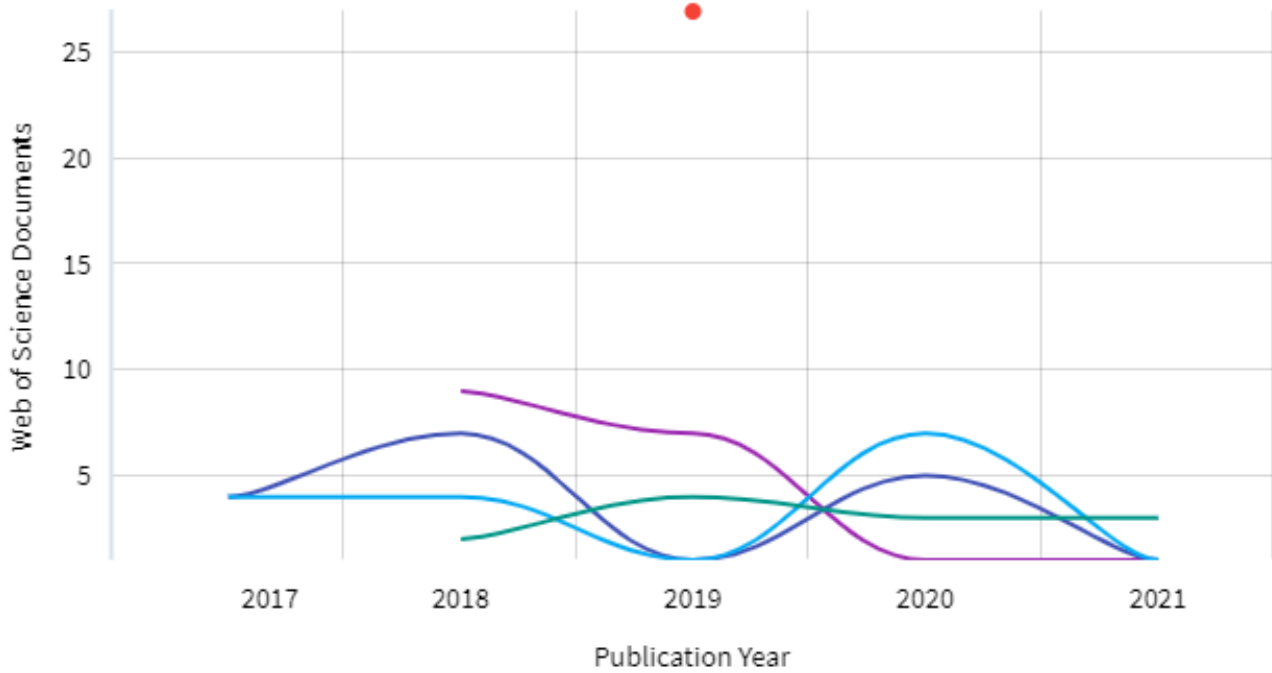
Journal Performance

In which journals do Belarusian State University of Informatics & Radioelectronics authors outperform the average journal citation rate? Journals are ranked by Journal Normalized Citation Impact, identifying journals where the selected institution is having the most impact with respect to other documents published in the journal.



- JOURNAL OF ALLOYS AND COMPOUNDS
- DOKLADY NATSIONALNOI AKADEMII NAUK BELARUSI
- JOURNAL OF APPLIED SPECTROSCOPY
- INTERNATIONAL JOURNAL OF NANOSCIENCE
- SEMICONDUCTORS

In which journals do Belarusian State University of Informatics & Radioelectronics authors publish most frequently? Journals are ranked by the number of documents the selected institution has published in each journal.



- INTERNATIONAL JOURNAL OF NANOSCIENCE
 - JOURNAL OF APPLIED SPECTROSCOPY
 - DOKLADY NATSIONALNOI AKADEMII NAUK BELARUSI
- MATERIALS PHYSICS AND MECHANICS
 - SEMICONDUCTORS

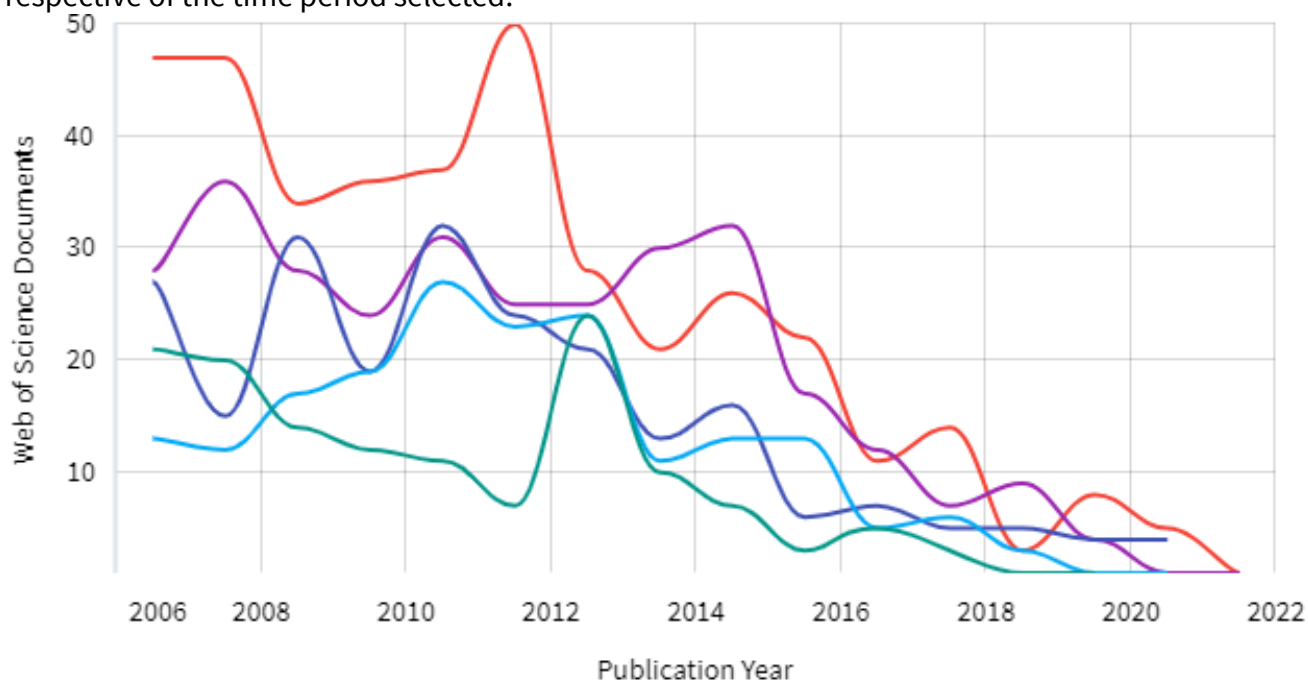
Cited Journals

Which journals are Belarusian State University of Informatics & Radioelectronics authors citing?
Cited journals are ranked by the number of Web of Science documents cited by the selected institution and includes documents cited 2006 to present by documents published within the time period selected.



diagram.Box size indicates Web of Science Documents ⓘ

Are Belarusian State University of Informatics & Radioelectronics authors citing recent or older material? Cited journals are ranked by the number of Web of Science documents cited by selected institution. Included are documents cited 2006 to present by documents published 2006 to present irrespective of the time period selected.

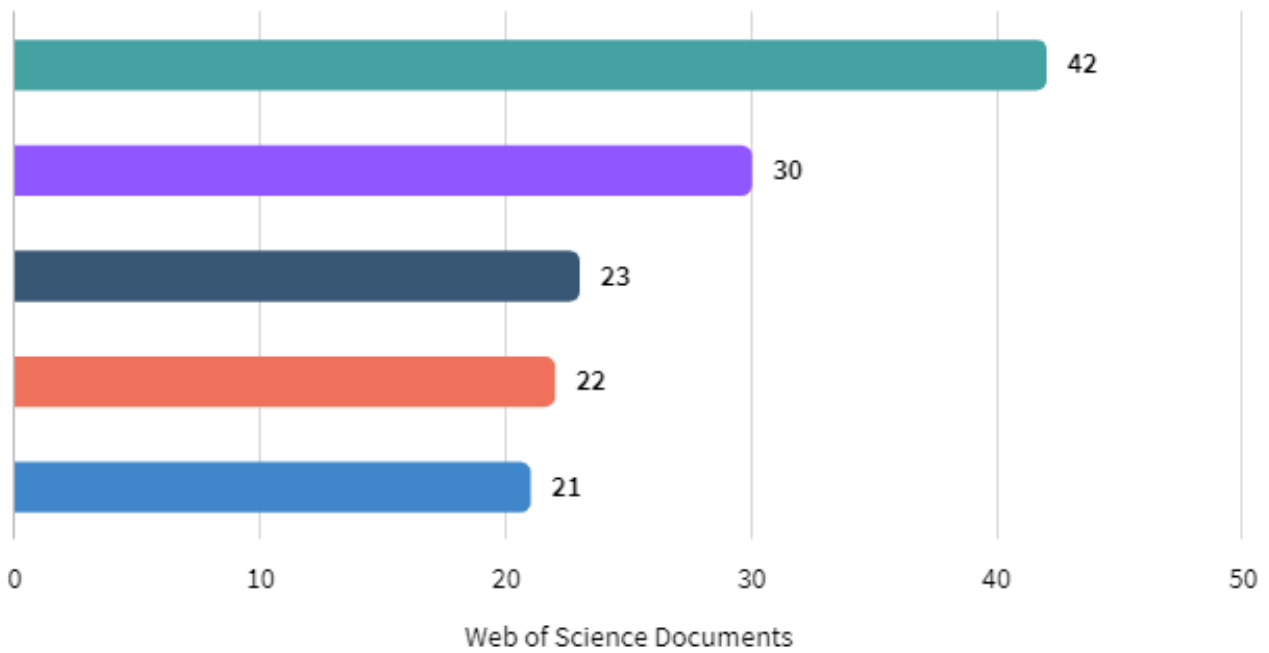


- PHYSICAL REVIEW B
- APPLIED PHYSICS LETTERS
- JOURNAL OF APPLIED PHYSICS
- NANO LETTERS
- PHYSICAL REVIEW LETTERS

Citing Journals

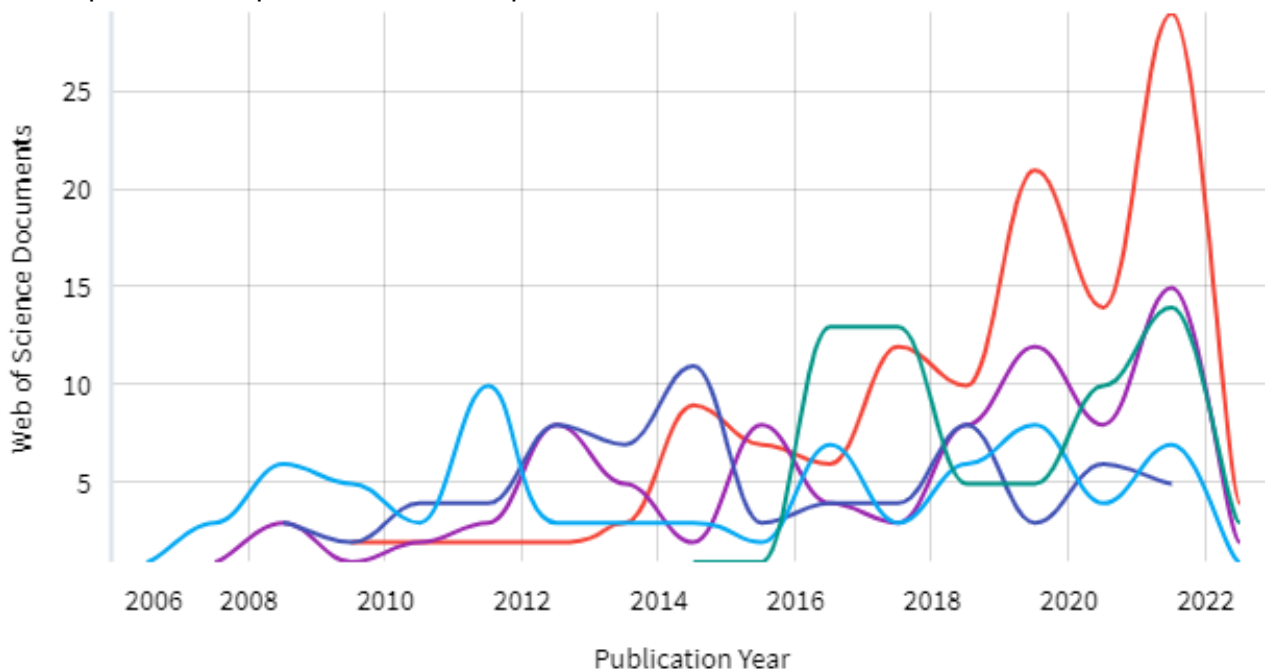
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- JOURNAL OF ALLOYS AND COMPOUNDS
- ACS APPLIED MATERIALS & INTERFACES
- APPLIED SURFACE SCIENCE
- NANOMATERIALS
- MATERIALS CHEMISTRY AND PHYSICS

Are Belarusian State University of Informatics & Radioelectronics authors being cited by recent or older material? Citing journals are ranked by the number of Web of Science documents citing selected institution. Included are documents published 2006 to present that are citing documents published 2006 to present irrespective of the time period selected.



- JOURNAL OF ALLOYS AND COMPOUNDS
- APPLIED SURFACE SCIENCE
- JOURNAL OF APPLIED PHYSICS
- PHYSICAL REVIEW B
- JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

Most Cited Documents

Most Cited Web of Science Documents

Article Title	Times Cited
<p>Electronic Properties of Bulk and Monolayer TMDs: Theoretical Study Within DFT Framework (GVJ-2e Method) PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE 2017</p>	143
<p>Critical review on sputter-deposited Cu₂ZnSnS₄ (CZTS) based thin film photovoltaic technology focusing on device architecture and absorber quality on the solar cells performance SOLAR ENERGY MATERIALS AND SOLAR CELLS 2017</p>	76
<p>Immobilization of boron-rich compound on Fe₃O₄ nanoparticles: Stability and cytotoxicity JOURNAL OF ALLOYS AND COMPOUNDS 2019</p>	76
<p>Correlation of the synthesis conditions and microstructure for Bi-based electron shields production JOURNAL OF ALLOYS AND COMPOUNDS 2018</p>	45
<p>Electrochemical Behaviour of Ti/Al₂O₃/Ni Nanocomposite Material in Artificial Physiological Solution: Prospects for Biomedical Application NANOMATERIALS 2020</p>	39
<p>Progress in the Development of SERS-Active Substrates Based on Metal-Coated Porous Silicon MATERIALS 2018</p>	38
<p>Formation and corrosion properties of Ni-based composite material in the anodic alumina porous matrix JOURNAL OF ALLOYS AND COMPOUNDS 2019</p>	36
<p>Effect of the Synthesis Conditions and Microstructure for Highly Effective Electron Shields Production Based on Bi Coatings ACS APPLIED ENERGY MATERIALS 2018</p>	35
<p>Insight into ultrasound-mediated reactive oxygen species generation by various metal-porphyrin complexes FREE RADICAL BIOLOGY AND MEDICINE 2018</p>	34
<p>Early-Stage Growth Mechanism and Synthesis Conditions-Dependent Morphology of Nanocrystalline Bi Films Electrodeposited from Perchlorate Electrolyte NANOMATERIALS 2020</p>	33