

**Report for Publisher: National Academy of Sciences of Ukraine (Co. LTD Ukrinformnauka)**

**Resolutions for last 12 months.**

New to this report? Start here: [learn what a resolution is and how it works](#)

**Your failed resolutions report for the month**

This section of the report provides a list of DOI resolution attempts that failed (i.e. resolved to a Handle error page). This list is presented as a .csv file attached to the report email and contains both the failed DOI and number of failures.

Your failed DOI resolutions for this month can be viewed in [csv format](#).

Prior to June 2020, we removed resolutions made by known machines (or, bots) using a monthly filtration process. Starting with the June 2020 resolution reports, we have removed all filters for this report and are presenting you with all monthly resolutions. No filters. On average, monthly resolution numbers, across all Crossref members, will therefore increase by about 25%. You can learn more about this change from [our blog](#).

<b>Resolutions by month</b>													
This section of the report provides the total number of resolutions per month for the past 12 months, by prefix (count) and overall (all members).													
Months	2021-05	2021-04	2021-03	2021-02	2021-01	2020-12	2020-11	2020-10	2020-09	2020-08	2020-07	2020-06	2020-05
Resolution Attempts	75,423	42,367	57,459	42,120	48,641	60,612	47,038	43,651	66,050	102,531	164,684	79,677	62,909
Resolution Successes	74,238	40,913	53,987	40,484	47,237	59,393	45,919	42,509	65,063	101,288	163,279	77,803	61,475
Total Attempts for all members	765,054,777	666,234,323	677,750,263	579,669,081	628,925,714	605,150,293	617,333,316	733,208,805	532,976,507	528,114,304	630,652,474	618,080,873	731,277,603

**This month's popular DOIs**

Below are the top 10 successfully resolved DOIs for this month. This list represents the most popular DOIs, as measured by the number of times each DOI was successfully resolved.

Top 10 DOIs	Successful Resolutions to DOI
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<a href="#">10.15407/FZ</a>	394
<a href="#">10.15407/SCIN12.06.006</a>	107
<a href="#">10.15407/TU2006</a>	104
<a href="#">10.15407/UBJ92.06.126</a>	83
<a href="#">10.15407/SPQEO</a>	83
<a href="#">10.15407/MICROBIOLJ82.06.064</a>	78
<a href="#">10.15407/UBJ87.06.011</a>	76
<a href="#">10.15407/UBJ91.06.049</a>	69
<a href="#">10.15407/UBJ91.01.053</a>	59
<a href="#">10.15407/UBJ90.06.049</a>	53

### Resolutions by the numbers

This section of the report provides the resolution counts for the report prefix.

Resolutions attempts	75,423
Resolved at Handle	74,238
Handle Failures	1,185
Resolved at local link server	0
Unique DOIs attempted	30,666
Unique DOIs resolved at handle	30,152
Unique DOIs that failed at handle	514
Unique DOIs resolved at local link server	0

### Key terms defined from this section

**Resolution attempts** is the same as total "resolutions" above.

**Resolved at handle** is the number of resolutions that successfully looked up at [doi.org](http://doi.org).

**Handle failures** is the number of resolutions that failed to look up at [doi.org](http://doi.org), either due to a technical problem or because the DOIs did not exist.

**Resolved at local link server** counts resolutions that were looked up at local link servers.

### Successful resolution counts by publication title

The number of total DOI resolutions per title.

Publication Title	Total Resolutions	Unique DOIs
"Know yourself". Neoplatonic sources in the works of H.S. Skovoroda	1	1
A PERSON IN INFORMATION SOCIETY: CHALLENGES TODAY.	1	1
About Chemists	13	1
Acoustic monitoring of jet grinding	2	1
Agricultural Science and Practice	530	213
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	2	1
Algebra-Algorithmic Models and Methods of Parallel Programing	5	1

Algologia	582	285
Analytic Methods of Spectral Representations of Non- Selfadjoint (Non-Unitary) Operators	1	1
Apatites and tetraoxide compounds	3	1
Archaeology	725	252
Artificial Intelligence	134	55
Astronomy. Self-teacher	12	1
Bibliotechnyi visnyk	202	110
Biblioteki nacional'nyh akademij nauk	65	48
Biogeomics. Ecosystems of the world in the structure of the biosphere	4	1
Biotechnologia Acta	1,153	511
Black Sea Shores of Ukraine	7	1
BOOK AND PERIODICALS IN DISSERTATION RESEARCHES OF INDEPENDENT UKRAINE : SOCIO COMMUNICATIVE ASPECT.	1	1
Botanical Notebooks or Twelve Trips to the Plant World	13	1
Casting Processes	76	50
Catalysis and petrochemistry	93	33
Chemists are Joking...	10	1
Chinese Studies	215	66
City History, Culture, Society	387	126
Coastal Zone Resources Management	1	1
Collected scientific papers Institute of environmental geochemistry	39	21
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957— 2017)	4	1
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	5	1
Control of fuel combustion in small and medium power boilers	3	1
Control Systems and Computers	208	85
Creator of theoretical and mathematical physics: to the 110 th anniversary of Academician M.M. Bogolyubov	1	1
CYRILLIC HANDWRITTEN BOOK OF XVI CENTURY IN FONDS OF INSTITUTE OF MANUSCRIPTS OF VI VERNADSKYI NATIONAL LIBRARY OF UKRAINE: HISTORICAL-CODICOLOGY RESEARCH. ALBUM OF FILIGREE.	1	1
Dark energy: observational evidence and theoretical models (volume 1, in three volumes «Dark energy and dark matter in the Universe»)	2	1
Dark matter: Astrophysical aspects of the problem (volume 2, in three volumes «Dark energy and dark matter in the Universe»)	3	1

Dark matter: Observational manifestation and experimental searches (volume 3, in three volumes «Dark energy and dark matter in the Universe»)	2	1
Demography and social economy	1,079	494
DEVELOPMENT OF INFORMATIONAL CULTURE AS A MEANS FOR UNITING UKRAINIAN SOCIETY	1	1
Diamond Abrasive Treatment: How to Overcome Established Myths	34	1
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	1	1
Digitalization of Ukrainian economy: transformational potential	6	1
Dopants and Impurities in High-Tc Superconductors	7	1
Earth Systems Change over Eastern Europe	1	1
Economics and Law	961	439
Economy and forecasting	275	69
Economy of Industry	403	180
Economy of Ukraine	624	262
Eight Non-Classical Problems of Fracture Mechanics	1	1
Ekonomika i prognozuvannâ	673	232
Ekonomična teoriâ	335	142
Energy, Charge and Electron Transfer Processes in Chemistry	3	1
Essays on Neurophysiology by Platon Kostyuk and His Students	2	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	4	1
Expanded Graphite and Its Composites	4	1
Exploration and Environmental Geochemistry	49	35
Filosofska dumka (Philosophical Thought)	260	88
Fiziologia rastenij i genetika	515	256
Fiziolohichnyï zhurnal	2,571	963
Folk art and ethnology	220	161
Formal Means of the Simulation of Parallel Processes and Systems	3	1
From the Urals to the Carpathians	15	1
Functional materials	2,429	891
Galician–Volhynian Chronicle: Textology	1	1
Gennady Matsuka: In the World of Molecules and Genes	1	1
GEO&BIO	127	57
Geo-Technical mechanics	346	241
Geochemistry and ore formation	216	112
Geochemistry of Technogenesis	100	51
Geology and Geochemistry of Combustible Minerals	625	41

Geology and Mineral Resources of World Ocean	325	173
Geology and Us	13	1
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	2	1
Himia, Fizika ta Tehnologia Poverhni	661	329
How the word is born (Nina Klymenko)	46	1
Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	1	1
Hydrodynamics and acoustics	49	24
Impact: Writing for Business, Technology, and Science	2	1
Infinitesimal Geometry of Spatial Mappings	2	1
Information extraction and processing	104	52
Information Provision of Diagnostic Systems for Energy Facilities	5	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	1	1
Introduction to Probability Theory	2	1
Journal of Mechanical Engineering	496	202
Kibernetika i vyčislitel'naâ tehnika	258	163
Kinematika i fizika nebesnyh tel (Online)	267	145
Kosmična nauka ì tehnologiâ	2,634	2,029
Kraêznavstvo	142	67
L.A. Pastur. Biobibliography Scientists of Ukraine	1	1
L.V. Pisarzhevsky Institute of Physical Chemistry NAS of Ukraine. 1927—2017 / NAS of Ukraine (editorial board : V.G. Koshechko (head))	2	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	2	1
LIBRARIAN INTERNET SUPPORT: STATE AND PROSPECTS	1	1
Long-term storage of digital information	3	1
Mathematical modeling of dynamical processes in the sea—land area	5	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	10	1
May the Light of Science Never Die	1	1
Metal and Casting of Ukraine	317	122
METALLOFIZIKA I NOVEISHIE TEKHNologii	2,069	920
Metaloznavstvo ta obrobka metaliv	221	103
Microprisms: optical parameters and monitoring	7	1
Mikrobiolohichnyi Zhurnal	869	397

Mineralogical Journal	451	221
Mining. A Millennium Long Road	12	1
Modern Hydrogen Energetics and Ecology	1	1
MODERN INFORMATION-COMMUNICATION ENVIRONMENT AS A SPACE FOR TRANSFORMATION OF UKRAINIAN NATIONAL IDENTITY.	1	1
Modified Crystal Field Theory and its Applications	7	1
Monetary Power in the Modern World: Who will Challenge Dollar?	3	1
Moon in the Sky...	11	1
Multi-Photon Microscopy and Optical Recording	1	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	1	1
Mykola Hryhorovych Zhulynsky	1	1
Myroslav Ivanovych Pavlyuk	1	1
Mižnarodni zväzki Ukraïni: naukovì pošuki ì znaïdki	87	60
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	2	1
Nanosistemi, Nanomateriali, Nanotehnologii	482	260
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	2	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBLIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	1	1
Nauka ta innovacii	5,693	883
Nauka ta naukoznavstvo	381	163
Naukovì pracì Nacional'noï biblioteki Ukraïni ìmenì V Ì Vernads'kogo	845	468
Nuclear Physics and Atomic Energy	969	337
Nuclear Project: Past and Present	2	1
Oleksiy Vasyliovych Pogorelov	3	1
Optoelektronika ta napìvprovìdnikova tehnikà	55	20
Optoèlektronika i poluprovodnikovaâ tehnikà	97	49
PALEOGRAPHIC ORPHOGRAPHIC ATTRIBUTION OF UKRAINIAN CYRILLIC HANDWRITTEN BOOK: STATUTORY AND SEMISTATUTORY CODICES OF LATE XIII - EARLY XVII.	2	1
Patons: Family Chronicle	2	1
PHENOMENON OF POLITICAL THOUGHT OF RUSSIAN DIASPORA IN CONTEXT OF UKRAINIAN STATE IDENTITY	1	1
Physico-mathematical modelling and informational technologies	109	62
Physico-technological aspects of degradation of silicon microwave	1	1

diodes		
Polarimetric remote sensing of Solar System objects	2	1
Polymer journal	444	237
Popular Astronomy	8	1
Praci Institutu elektrodinamiki Nacionalaμnoi akademii nauk Ukraini	605	217
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	2	1
PROBLEMS IN PROGRAMMING	371	241
Problems of Cryobiology and Cryomedicine	1,118	468
Proceedings of the 6th Orlov Conference «The study of the Earth as a planet by methods of geophysics, geodesy and astronomy»	1	1
Proceedings of the National Museum of Natural History	54	32
Proceedings of the Theriological School	253	132
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	61	24
Prykladni Problemy Mekhaniky i Matematyky	132	66
Radio physics and radio astronomy	509	208
Radio Waves Tell About the Universe	10	1
RADIOFIZIKA I ELEKTRONIKA	446	263
Radionuclide Anomaly	9	1
Remote sensing of the environment using the radiation of existing ground and space radio systems	10	1
Reports of the National Academy of Sciences of Ukraine	4,717	1,526
Ribogospodars'ka nauka Ukraïni	500	344
Rukopisna ta knižkova spadšina Ukraïni	280	214
Science about water	3	1
Science and innovation	1,794	409
Science of Ukraine in the Global Information Space	30	13
Science of Ukraine in the Global Information Space	20	10
Science of Ukraine in the Global Information Space	2	1
Science Ukraine in the Global Information Space	10	7
Science Ukraine in the Global Information Space	27	14
Science Ukraine in the Global Information Space. Issue 17	21	9
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	1	1
Scintillation detectors and systems of radiation monitoring on their base	1	1

Secondary Radioactive Contamination of the Atmosphere in Intermediate and Late Phases of a Nuclear Emergency	3	1
Semiconductor physics, quantum electronics and optoelectronics	3,759	1,792
Sergiy Ivanovych Pyrozhkov. Biobibliography Scientists of Ukraine	2	1
Serhiy Vynohradsky, the World's Leading Microbiologist	8	1
SHAPING OF STRATEGIC NARRATIVE FOR INFORMATION SUPPORT OF THE RE-INTEGRATION OF THE TEMPORARILY OCCUPIED TERRITORY INTO COMMON UKRAINIAN CONTEXT	1	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	385	241
Sociology: Theory, Methods, Marketing	231	81
Superhard Materials: A Guide for Curious	9	1
Surface	272	104
Synthesis of secondary metabolites in vitro	2	1
SYSTEM OF COLLECTING AND ACCOUNTING OF ARCHIVAL FONDS OF THE INSTITUTE OF MANUSCRIPTS OF VI VERNADSKYI NATIONAL LIBRARY OF UKRAINE: ESTABLISHING OF DIGITAL INTEGRATED RESOURCE	1	1
Technical mechanics	473	200
Technique in Creative Writing	1	1
Tekhnichna Elektrodynamika	1,358	524
The Animal Biology	619	330
The Era of "isms": Modernism and Avantgarde in Western European Literature of the First Half of the XX Century	12	1
The Ethnology Notebooks	1,113	634
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	47	1
The Lunar Odyssey	14	1
The Mechanisms of Formation of Thin Films and Coatings Deposited by Physical Vapor Deposition Technology	1	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	8	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	2	1
The Oriental Studies	517	265
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	10	1
The Principles of Chemistry of Heterocyclic Compounds	2	1
The Problems of General Energy	506	201
The Ukrainian Biochemical Journal	2,992	697
The Wonderland of Metals	11	1



The World of the Orient	661	404
Theriologia Ukrainica	554	103
Title Undetermined	291	180
Tumor hypoxia in the clinical setting	2	1
Ukraina Lithuanica. Studii z istorii Velikogo knâzivstva Litovs'kogo	107	87
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	1	1
Ukrainian Botanical Journal	1,193	560
Ukrainian early (pre-1850) historical weather observations	5	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	3	1
Ukrainian Geographical Journal	546	300
Ukrainian Journal of Physics	3,259	1,251
Ukrainian society	1,884	1,042
Ukrainska mova	547	185
Ukraïns'kij ìstoričnij žurnal	554	264
Ukraïns'ka biografistika	317	167
Upravlâûšie sistemy i mašiny	253	196
Uspehi Fiziki Metallov	726	301
Uspihi materialoznavstva	45	14
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	1	1
V.I. Vernadsky. The span of life and thought	4	1
Valery P. Kukhar. Biobibliography Scientists of Ukraine	1	1
Vestnik Zoologii	2,069	353
Visnik Nacional'noi' akademii' nauk Ukrai'ni	1,049	540
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	3	1
Vitamins in Human Health	11	1
Volodymyr Zinovievych Turkevych	2	1
What Archeological Monuments Tell and Hide	10	1
Will to Identity. State Building and the Strategies of Legitimation	1	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	3	1
Z arhiviv VUČK, GPU, NKVD, KGB	126	69
Zoodiversity	348	75
Zurnal Hromatograficnogo tovaristva	39	23
Zurnal matematiceskoj fiziki, analiza, geometrii	836	183
Èlektronnoe modelirovanie	602	273
Ìstoriâ narodnogo gospodarstva ta ekonomičnoi dumki Ukraïni	175	103
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	69	41

## Key terms defined from the failed resolutions report

**Unique DOIs attempted** is the number of unique DOIs represented in the total "resolutions attempted" from above.

**Unique DOIs resolved at handle** is the number of unique DOIs represented in the "resolved at handle" count from above.

**Unique DOIs that failed at handle** is the number of unique DOIs represented in the "handle failures" count from above.

**Unique DOIs resolved at local link server** is the number of unique DOIs represented in the "resolved at local link server" count from above.

The attached file, if present, contains all of the DOIs that failed to resolve followed by the count indicating the number of times that DOI was attempted.

"na" - means that data is not available for that month and type.

### Resolution failure rate

The overall resolution failure rate (the percentage of DOI resolution attempts that failed) for all publishers is 3% and your failure rate is 1%. If your failure rate is significantly above zero or the overall average please investigate to determine the cause.

[Frequently asked questions \(FAQs\)](#) about this resolution report.

If you have problems with or questions about this report, please contact [support@crossref.org](mailto:support@crossref.org).