

**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	2020-07	2020-06	2020-05	2020-04	2020-03	2020-02	2020-01	2019-12	2019-11	2019-10	2019-09	2019-08	2019-07
Resolution Attempts	164,684	79,677	62,909	34,396	24,228	29,321	42,845	33,734	29,620	31,470	85,771	16,538	27,209
Resolution Successes	163,279	77,803	61,475	32,937	23,325	27,875	42,199	32,709	28,407	30,962	85,448	16,157	26,740
Total Attempts for all members	630,652,474	618,080,873	731,277,603	509,259,199	360,576,788	377,989,767	455,465,365	419,366,099	400,460,998	514,489,879	410,556,208	384,714,001	353,820,970

<b>This month's popular DOIs</b>	
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

<a href="#">10.15407/FZ57.01.055</a>	445
<a href="#">10.15407/POLYMERJ.37.03.242</a>	327
<a href="#">10.15407/KNIT2020.02.019</a>	306
<a href="#">10.15407/FZ64.01.016</a>	294
<a href="#">10.15407/GB.2019.17.048</a>	286
<a href="#">10.15407/KNIT2002.02.279</a>	248
<a href="#">10.15407/KNIT2002.02.275</a>	247
<a href="#">10.15407/FZ64.06.017</a>	243
<a href="#">10.15407/FZ57.06.015</a>	243
<a href="#">10.15407/POLYMERJ.37.04.362</a>	242

### Resolutions by the numbers

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

Resolutions attempts	164,684
Resolved at Handle	163,279
Handle Failures	1,405
Resolved at local link server	0
Unique DOIs attempted	22,794
Unique DOIs resolved at handle	22,283
Unique DOIs that failed at handle	511
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.	2	1
Acoustic monitoring of jet grinding	8	1
Agricultural Science and Practice	603	172
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	1	1
Algebra-Algorithmic Models and Methods of Parallel Programing	14	1
Algologia	2,618	235

Apatites and tetraoxide compounds	1	1
Archaeology	403	144
Astronomy. Self-teacher	2	1
Bibliotechnyi visnyk	216	52
Biblioteki nacional'nyh akademij nauk	530	35
Biogeomics. Ecosystems of the world in the structure of the biosphere	1	1
Biotechnologia Acta	1,550	479
BOOK AND PERIODICALS IN DISSERTATION RESEARCHES OF INDEPENDENT UKRAINE : SOCIO COMMUNICATIVE ASPECT.	1	1
Casting processes	182	25
Catalysis and petrochemistry	58	19
Chinese Studies	517	64
Coastal Zone Resources Management	5	1
Collected scientific papers Institute of environmental geochemistry	17	14
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	85	1
Control Systems and Computers	152	48
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.	2	1
Dark energy: observational evidence and theoretical models (volume 1, in three volumes «Dark energy and dark matter in the Universe»)	4	1
Dark matter: Astrophysical aspects of the problem (volume 2, in three volumes «Dark energy and dark matter in the Universe»)	2	1
Dark matter: Observational manifestation and experimental searches (volume 3, in three volumes «Dark energy and dark matter in the Universe»)	1	1
Demography and social economy	1,029	394
DEVELOPMENT OF INFORMATIONAL CULTURE AS A MEANS FOR UNITING UKRAINIAN SOCIETY	2	1
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	2	1
Digitalization of Ukrainian economy: transformational potential	7	1
Dopants and Impurities in High-Tc Superconductors	3	1
Earth Systems Change over Eastern Europe	2	1
Economics and Law	3,784	342

Economy and forecasting	123	33
Economy of Industry	399	144
Economy of Ukraine	866	129
Eight Non-Classical Problems of Fracture Mechanics	3	1
Ekonomika i prognozuvannâ	628	192
Ekonomična teoriâ	150	63
Energy, Charge and Electron Transfer Processes in Chemistry	1	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	6	1
Expanded Graphite and Its Composites	3	1
Exploration and Environmental Geochemistry	212	32
Filosofska dumka (Philosophical Thought)	197	45
Fiziologia rastenij i genetika	782	216
Fiziolohichnyï zhurnal	20,586	810
Folk art and ethnology	237	79
Formal Means of the Simulation of Parallel Processes and Systems	1	1
Functional materials	6,403	735
Gennady Matsuka: In the World of Molecules and Genes	7	1
Geo&Bio	650	28
Geo-Technical mechanics	479	133
Geochemistry and ore formation	178	99
Geochemistry of Technogenesis	73	27
Geology and Mineral Resources of World Ocean	256	134
Himia, Fizika ta Tehnologija Poverhni	1,125	289
How the word is born (Nina Klymenko)	1	1
Hydrodynamics and acoustics	34	16
Impact: Writing for Business, Technology, and Science	3	1
Infinitesimal Geometry of Spatial Mappings	3	1
Information extraction and processing	33	11
Information Provision of Diagnostic Systems for Energy Facilities	1	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	4	1
Introduction to Probability Theory	3	1
Journal of Mechanical Engineering	325	143
Kibernetika i vyčislitel'naâ tehnika	211	107
Kinematika i fizika nebesnyh tel (Online)	373	86
Kosmična nauka i tehnologiâ	18,539	1,416
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))	1	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	3	1
LIBRARIAN INTERNET SUPPORT: STATE AND PROSPECTS	2	1
Long-term storage of digital information	1	1
Mathematical modeling of dynamical processes in the sea—land area	3	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	1	1
May the Light of Science Never Die	2	1
Metal and Casting of Ukraine	742	78
METALLOFIZIKA I NOVEISHIE TEKHNologii	11,759	729
Metaloznavstvo ta obrobka metaliv	480	71
Microprisms: optical parameters and monitoring	2	1
Mikrobiolohichnyi Zhurnal	1,232	333
Mineralogical Journal	416	189
Modern Hydrogen Energetics and Ecology	5	1
MODERN INFORMATION-COMMUNICATION ENVIRONMENT AS A SPACE FOR TRANSFORMATION OF UKRAINIAN NATIONAL IDENTITY.	2	1
Modified Crystal Field Theory and its Applications	21	1
Monetary Power in the Modern World: Who will Challenge Dollar?	2	1
Multi-Photon Microscopy and Optical Recording	1	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	2	1
Misto ìstorìâ kul'tura suspil'stvo	346	97
Mìžnarodnì zv'âzki Ukraïni: naukovì pošuki ì znahìdki	68	40
Nanosistemi, Nanomateriali, Nanotehnologii	461	157
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	3	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBLOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	5	1
Nauka ta innovacii	8,476	733
Nauka ta naukoznavstvo	574	132
Naukovì pracì Naciònal'noï bìblioteki Ukraïni ìmenì V Ì Vernads'kogo	1,146	339
Nuclear Physics and Atomic Energy	945	273

Nuclear Project: Past and Present	1	1
Oleksiy Vasyliovich Pogorelov	1	1
Optoelektronika ta napivprovodnikova tehnika	10	6
Optoèlektronika i poluprovodnikovaâ tehnika	94	39
PALEOGRAPHIC ORPHOGRAPHIC ATTRIBUTION OF UKRAINIAN CYRILLIC HANDWRITTEN BOOK: STATUTORY AND SEMISTATUTORY CODICES OF LATE XIII - EARLY XVII.	2	1
Patons: Family Chronicle	1	1
PHENOMENON OF POLITICAL THOUGHT OF RUSSIAN DIASPORA IN CONTEXT OF UKRAINIAN STATE IDENTITY	2	1
Physico-mathematical modelling and informational technologies	155	48
Physico-technological aspects of degradation of silicon microwave diodes	2	1
Polarimetric remote sensing of Solar System objects	5	1
Polymer journal	5,545	211
Popular Astronomy	1	1
Praci Institutu elektrodinamiki Nacionalnoï akademii nauk Ukraini	603	163
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	3	1
PROBLEMS IN PROGRAMMING	1,015	109
Problems of Cryobiology and Cryomedicine	1,462	416
Proceedings of the 6th Orlov Conference «The study of the Earth as a planet by methods of geophysics, geodesy and astronomy»	2	1
Proceedings of the National Museum of Natural History	51	31
Proceedings of the Theriological School	534	126
Prykladni Problemy Mekhaniky i Matematyky	10	6
Radio physics and radio astronomy	778	192
RADIOFIZIKA I ELEKTRONIKA	462	209
Reports of the National Academy of Sciences of Ukraine	21,054	1,413
Ribogospodars'ka nauka Ukraïni.	1,253	274
Rukopisna ta knižkova spadšina Ukraïni	301	167
Science about water	2	1
Science and innovation	1,612	299
Science of Ukraine in the Global Information Space	30	13
Science of Ukraine in the Global Information Space	81	4
Science Ukraine in the Global Information Space	7	1
Science Ukraine in the Global Information Space	24	14
Scientist, Organizer, Teacher: Collection of Memories about G.V.	9	1

Samsonov		
Scintillation detectors and systems of radiation monitoring on their base	3	1
Secondary Radioactive Contamination of the Atmosphere in Intermediate and Late Phases of a Nuclear Emergency	8	1
Semiconductor Physics, Quantum Electronics & Optoelectronics	3,736	1,382
Sergiy Ivanovych Pyrozhhkov. Biobibliography Scientists of Ukraine	3	1
SHAPING OF STRATEGIC NARRATIVE FOR INFORMATION SUPPORT OF THE RE-INTEGRATION OF THE TEMPORARILY OCCUPIED TERRITORY INTO COMMON UKRAINIAN CONTEXT	2	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	280	141
Sociology: Theory, Methods, Marketing	85	35
Superhard Materials: A Guide for Curious	2	1
Surface	81	40
Synthesis of secondary metabolites in vitro	1	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	2	1
Technical mechanics	420	154
Technique in Creative Writing	5	1
Tekhnichna Elektrodynamika	3,177	455
The Animal Biology	430	200
The Ethnology Notebooks	762	296
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	2	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	287	60
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	32	1
The Problems of General Energy	437	172
The Ukrainian Biochemical Journal	3,488	575
The World of the Orient	881	318
Theriologia Ukrainica	427	64
Tumor hypoxia in the clinical setting	2	1

Ukraina Lithuanica. Studii z istorii Velikogo knâzïvstva Litovs'kogo	456	81
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	3	1
Ukrainian Botanical Journal	1,958	516
Ukrainian early (pre-1850) historical weather observations	4	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	2	1
Ukrainian Geographical Journal	676	240
Ukrainian Journal of Physics	10,912	1,117
Ukrainian society	1,399	571
Ukrainska mova	271	147
Ukraïns'kij ïstoričnij žurnal	840	177
Ukraïns'ka biografistika	628	128
Upravlâûšie sistemy i mašiny	293	181
Uspehi Fiziki Metallov	937	292
V.I. Vernadsky. The span of life and thought	1	1
Valery P. Kukhar. Biobibliography Scientists of Ukraine	1	1
Visnik Nacional'noi' akademii' nauk Ukraïni	1,295	370
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	1	1
Volodymyr Zinovievych Turkevych	1	1
Will to Identity. State Building and the Strategies of Legitimation	3	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	2	1
Z arhiviv VUČK, GPU, NKVD, KGB	141	48
Zoodiversity	314	29
Zurnal Hromatograficnogo tovaristva	40	22
Zurnal matematicheskoy fiziki, analiza, geometrii	899	162
Èlektronnoe modelirovanie	419	214
Ïstoriâ narodnogo gospodarstva ta ekonomičnoi dumki Ukraïni	643	83
"Branta": Transactions of the Azov-Black Sea Ornithological Station	60	25

### 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 0%. 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).