

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

Resolutions by month

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).

Mont	2021-08	2021-07	2021-06	2021-05	2021-04	2021-03	2021-02	2021-01	2020-12	2020-11	2020-10	2020-09	2020-08
Resolutions Attempted	111,649	57,748	83,171	75,423	42,367	57,459	42,120	48,641	60,612	47,038	43,651	66,050	102,531
Resolutions Successful	110,477	56,579	82,047	74,238	40,913	53,987	40,484	47,237	59,393	45,919	42,509	65,063	101,288

Total Resolutions Attempted for all members	925,189	742,711	815,293	765,057	666,234	677,750	579,669	628,925	605,150	617,333	733,208	532,976	528,114
	37	79	97	37	33	13	41	36	5	65	7	4	

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
10.15407/UBJ92.05.070	115
10.15407/SPQEO	114
10.15407/FZ	103

10.15407/FZ61.06.104	94
10.15407/UBJ87.06.011	75
10.15407/MICROBIOLJ	70
10.15407/MICROBIOLJ82.06.064	68
10.15407/JNP AE2018.04.307	68
10.15407/KNIT2002.02.174	62
10.15407/DSE2018.01.153	59

Resolutions by the numbers

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

Resolutions attempts	111,649
Resolved at Handle	110,477
Handle Failures	1,172
Resolved at local link server	0
Unique DOIs attempted	24,399
Unique DOIs resolved at handle	23,912
Unique DOIs that failed at handle	487
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](#).

Handle failures is the number of resolutions that failed to look up at [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
About Chemists	2	1
Acoustic monitoring of jet grinding	2	1
Agricultural Science and Practice	686	199
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	2	1
Algebra-Algorithmic Models and Methods of Parallel Programming	2	1
Algologia	1,164	258
Analytic Methods of Spectral Representations of Non-Selfadjoint (Non-Unitary) Operators	4	1
Apatites and tetraoxide compounds	3	1
Archaeology	763	227
Artificial Intelligence	198	66
Bibliotechnyi visnyk	392	107
Biblioteki nacional'nyh akademij nauk	72	42
Biogeomics. Ecosystems of the world in the structure of the biosphere	1	1
Biotechnologia Acta	1,760	468

Black Sea Shores of Ukraine	1	1
Botanical Notebooks or Twelve Trips to the Plant World	2	1
Casting processes	185	54
Catalysis and petrochemistry	226	40
Chemists are Joking...	2	1
Chinese Studies	288	65
City History, Culture, Society	507	130
Collected scientific papers Institute of environmental geochemistry	60	20
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957—2017)	3	1
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	4	1
Control Systems and Computers	412	94
Creator of theoretical and mathematical physics: to the 110 th anniversary of Academician M.M. Bogolyubov	1	1
Dark energy: observational evidence and theoretical models (volume 1, in three volumes «Dark energy and dark matter in the Universe»)	1	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»)	2	1
Demography and social economy	1,462	444
Diamond Abrasive Treatment: How to Overcome Established Myths	2	1
Digitalization of the economy: how to improve the country's competitiveness	2	1
Digitalization of Ukrainian economy: transformational potential	9	1
Dislocation mechanisms and strengthening methods in metal crystals	2	1
Earth Systems Change over Eastern Europe	1	1
Economics and Law	1,284	395
Economy and forecasting	413	74
Economy of Industry	600	168
Economy of Ukraine	1,049	261
Eight Non-Classical Problems of Fracture Mechanics	4	1
Ekonomika i prognozuvannâ	1,092	232
Ekonomična teoriâ	368	124
Energy, Charge and Electron Transfer Processes in Chemistry	2	1
Energy-saving heat technologies for obtaining soy based plant powders	18	1
Essays on Neurophysiology by Platon Kostyuk and His Students	14	1
Expanded Graphite and Its Composites	9	1

Exploration and Environmental Geochemistry	122	31
Filosofska dumka (Philosophical Thought)	468	88
Fiziologia rastenij i genetika	766	243
Fiziolohichnyĭ zhurnal	4,970	932
Folk art and ethnology	402	141
Formal Means of the Simulation of Parallel Processes and Systems	1	1
From the Urals to the Carpathians	1	1
Functional materials	3,311	864
Galician–Volhynian Chronicle: Textology	1	1
Gennady Matsuka: In the World of Molecules and Genes	2	1
Geo&Bio	263	64
Geo-Technical mechanics	723	236
Geochemistry and ore formation	343	102
Geochemistry of Technogenesis	136	45
Geology and Geochemistry of Combustible Minerals	77	37
Geology and Mineral Resources of World Ocean	418	142
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	1	1
Himia, Fizika ta Tehnologija Poverhni	1,145	320
How the word is born (Nina Klymenko)	1	1
Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	4	1
Hydrodynamics and acoustics	40	19
Impact: Writing for Business, Technology, and Science	1	1
Infinitesimal Geometry of Spatial Mappings	1	1
Information extraction and processing	148	50
Information Provision of Diagnostic Systems for Energy Facilities	1	1
Journal of Mechanical Engineering	694	194
Kibernetika i vyčislitel'naâ tehnika	570	147
Kinematika i fizika nebesnyh tel (Online)	496	138
Kosmična nauka ì tehnologiâ	6,164	1,884
Kraêznavstvo	150	59
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	1	1
Long-term storage of digital information	3	1
Lyalko Vadym Ivanovich	5	1
Mathematical modeling of dynamical processes in the sea—land area	1	1
Mathematical Theory of Higher-Order Degenerate Evolution	5	1

Models		
Metal and Casting of Ukraine	416	115
METALLOFIZIKA I NOVEISHIE TEKHNOLOGII	3,170	857
Metaloznavstvo ta obrobka metaliv	333	102
Microprisms: optical parameters and monitoring	2	1
Mikrobiolohichni Zhurnal	1,920	387
Mineralogical Journal	669	200
Mining. A Millennium Long Road	6	1
Modern Hydrogen Energetics and Ecology	1	1
Modified Crystal Field Theory and its Applications	4	1
Monetary Power in the Modern World: Who will Challenge Dollar?	1	1
Moon in the Sky...	21	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	3	1
Mižnarodni zv'язki Ukraïni: naukovì pošuki ì znaïdki	216	86
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	2	1
Nanosistemi, Nanomateriali, Nanotehnologii	736	237
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	2	1
National Academy of Sciences of Ukraine in 1991-2021. To the 30th Anniversary of Independence of Ukraine	9	1
Nauka ta innovacii	3,719	857
Nauka ta naukoznavstvo	518	157
Naukovì pracì Nacional'noi biblioteki Ukraïni ìmeni V Ì Vernads'kogo	1,271	455
Nuclear Physics and Atomic Energy	1,821	330
Optoelektronika ta napìvprovìdnikova tehnika	57	22
Optoèlektronika i poluprovodnikovaâ tehnika	149	41
Patons: Family Chronicle	1	1
Physico-mathematical modelling and informational technologies	678	102
Polarimetric remote sensing of Solar System objects	6	1
Polymer journal	259	51
Popular Astronomy	4	1
Praci Institutu elektrodinamiki Nacional'noi akademii nauk Ukraini	134	93
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	2	1
PROBLEMS IN PROGRAMMING	284	121
Problems of Cryobiology and Cryomedicine	435	186
Proceedings of the National Museum of Natural History	23	10
Proceedings of the Theriological School	114	67

Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	10	8
Prykladni Problemy Mekhaniky i Matematyky	65	27
Radio physics and radio astronomy	291	108
Radio Waves Tell About the Universe	29	1
RADIOFIZIKA I ELEKTRONIKA	111	61
Radionuclide Anomaly	1	1
Remote sensing of the environment using the radiation of existing ground and space radio systems	29	1
Reports of the National Academy of Sciences of Ukraine	36,944	1,503
Ribogospodars'ka nauka Ukraïni	234	118
Rukopisna ta knižkova spadšina Ukraïni	44	35
Science about water	2	1
Science and innovation	736	214
Science of Ukraine in the Global Information Space	14	8
Science of Ukraine in the Global Information Space	26	10
Science of Ukraine in the Global Information Space	1	1
Science Ukraine in the Global Information Space	19	3
Science Ukraine in the Global Information Space	10	5
Science Ukraine in the Global Information Space. Issue 17	23	9
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	3	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	4	1
Semiconductor physics, quantum electronics and optoelectronics	2,281	1,254
Sergiy Ivanovych Pyrozchkov. Biobibliography Scientists of Ukraine	1	1
Serhiy Vynohradsky, the World's Leading Microbiologist	1	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	409	119
Sociology: Theory, Methods, Marketing	121	55
Superhard Materials: A Guide for Curious	3	1
Surface	106	51
Technical mechanics	274	163
Tekhnichna Elektrodynamika	671	299
The Animal Biology	335	149
The Ethnology Notebooks	677	304
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	2	1
The Lunar Odyssey	2	1

The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	19	1
The Oriental Studies	138	98
The phase formation processes into a short-circuited galvanic couple iron (St3)-carbon (coke) system in water medium	10	1
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	10	1
The Problems of General Energy	176	108
The Ukrainian Biochemical Journal	3,284	556
The World of the Orient	286	186
Theriologia Ukrainica	286	116
Title Undetermined	1,050	417
Tumor hypoxia in the clinical setting	1	1
Ukraina Lithuanica. Studii z istorii Velikogo knâzïvstva Litovs'kogo	2	2
Ukraine and the Challenges of Post-Totalitarian Transit (1990-2019)	7	1
Ukraine and Ukrainians in the Post-Imperial Era (1917-1939)	12	1
Ukraine in the Epicenter of the Confrontation of World Systems (1939-1990)	7	1
Ukrainian Botanical Journal	519	233
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	1	1
Ukrainian Geographical Journal	275	127
Ukrainian Journal of Physics	2,602	974
Ukrainian society	2,011	1,035
Ukrainica Bioorganica Acta	27	18
Ukrainska mova	110	79
Ukraïns'kij ïstoričnij žurnal	261	142
Ukraïns'ka biografistika	50	47
Upravlâûšie sistemy i mašiny	73	50
Uspehi Fiziki Metallov	767	215
Uspihi materialoznavstva	49	19
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	2	1
Vestnik Zoologii	1,186	360
Visnik Nacional noi akademii nauk Ukrai ni	337	193
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	1	1
Vitamins in Human Health	1	1
Volodymyr Zinovievych Turkevych	1	1
What Archeological Monuments Tell and Hide	5	1
Will to Identity. State Building and the Strategies of Legitimation	2	1
Z arhiviv VUČK, GPU, NKVD, KGB	85	54
Zoodiversity	442	88
Zurnal Hromatograficnogo tovaristva	56	15

Zurnal matematiceskoj fiziki, analiza, geometrii	312	114
Elektronnoe modelirovanie	743	264
Istoriâ narodnogo gospodarstva ta ekonomičnoï dumki Ukraïni	219	92
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	62	37

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 2% 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.



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