

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 hs	2022-01	2021-12	2021-11	2021-10	2021-09	2021-08	2021-07	2021-06	2021-05	2021-04	2021-03	2021-02	2021-01
Resolutions	79,01	180,2	93,01	66,71	102,0	111,6	57,74	83,17	75,42	42,36	57,45	42,12	48,64
Attempts	1	83	4	9	97	49	8	1	3	7	9	0	1
Resolutions Successful	76,94	177,0	91,06	64,93	100,4	110,4	56,57	82,04	74,23	40,91	53,98	40,48	47,23
Successes	1	37	8	2	06	77	9	7	8	3	7	4	7

Total Attempts for all members	853,3	1,071,	978,1	982,9	852,7	925,1	742,7	815,2	765,0	666,2	677,7	579,6	628,9
	44,09	814,9	40,96	42,54	35,92	89,78	11,14	93,03	54,77	34,32	50,26	69,08	25,71
	0	82	2	4	8	3	7	9	7	3	3	1	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/SPQEO	208
10.15407/ALG27.04.361	136
10.15407/UBJ92.05.070	111

10.15407/NZ	109
10.15407/VUCHK2021.01.216	96
10.15407/MAG	90
10.15407/VISN	62
10.15407/REJ	55
10.15407/AKADEMPERIODYKA.321.009	53
10.15407/UBJ	52

Resolutions by the numbers

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

Resolutions attempts	79,011
Resolved at Handle	76,941
Handle Failures	2,070
Resolved at local link server	0
Unique DOIs attempted	28,658
Unique DOIs resolved at handle	27,428
Unique DOIs that failed at handle	1,230
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	5	1
A PERSON IN INFORMATION SOCIETY: CHALLENGES TODAY.	1	1
About Chemists	2	1
Acoustic monitoring of jet grinding	3	1
Agricultural Science and Practice	475	173
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	7	1
Algebra-Algorithmic Models and Methods of Parallel Programing	5	1
Algologia	1,119	276
Analytic Methods of Spectral Representations of Non-Selfadjoint (Non-Unitary) Operators	6	1
Apatites and tetraoxide compounds	2	1
Archaeology	491	203
Arithmetic of matrices over rings	10	1
Artificial Intelligence	219	68
Astronomy. Self-teacher	4	1
Bibliotechnyi visnyk	240	106

Biblioteki nacional'nyh akademij nauk	50	29
Biogeomics. Ecosystems of the world in the structure of the biosphere	1	1
Biotechnologia Acta	1,149	421
Black Sea Shores of Ukraine	3	1
Botanical Notebooks or Twelve Trips to the Plant World	1	1
Botany and Mycology: Modern Horizons. Collection of papers devoted to the 95th anniversary of Academician of Academy of Sciences of Ukraine A.M. Grodzinsky (1926–1988)	17	1
Casting processes	143	66
Catalysis and Petrochemistry	269	52
Chemists are Joking...	2	1
Chinese Studies	275	62
City History, Culture, Society	167	85
Coastal Zone Resources Management	5	1
Collected scientific papers Institute of environmental geochemistry	14	11
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957—2017)	5	1
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	4	1
Control of fuel combustion in small and medium power boilers	8	1
Control Systems and Computers	228	96
Creator of theoretical and mathematical physics: to the 110 th anniversary of Academician M.M. Bogolyubov	9	1
Dark energy: observational evidence and theoretical models (volume 1, in three volumes «Dark energy and dark matter in the Universe»)	5	1
Dark matter: Astrophysical aspects of the problem (volume 2, in three volumes «Dark energy and dark matter in the Universe»)	6	1
Dark matter: Observational manifestation and experimental searches (volume 3, in three volumes «Dark energy and dark matter in the Universe»)	7	1
Demography and social economy	1,335	467
DEVELOPMENT OF INFORMATIONAL CULTURE AS A MEANS FOR UNITING UKRAINIAN SOCIETY	1	1
Diamond Abrasive Treatment: How to Overcome Established Myths	1	1
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	1	1
Digitalization of the economy: how to improve the country's competitiveness	22	1
Digitalization of Ukrainian economy: transformational potential	6	1
Dislocation mechanisms and strengthening methods in metal crystals	7	1
Dopants and Impurities in High-Tc Superconductors	4	1

Earth Systems Change over Eastern Europe	3	1
Economics and Law	860	375
Economy and forecasting	155	74
Economy of Industry	452	153
Economy of Ukraine	664	248
Effects of Atomic Ordering of Interstitial Hydrogen on the Physical Properties of Host Metals	6	1
Eight Non-Classical Problems of Fracture Mechanics	6	1
Ekonomika i prognozuvannâ	472	193
Ekonomična teoriâ	245	109
Energy, Charge and Electron Transfer Processes in Chemistry	4	1
Energy-saving heat technologies for obtaining soy based plant powders	3	1
Essays on Neurophysiology by Platon Kostyuk and His Students	5	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	9	1
Expanded Graphite and Its Composites	6	1
Exploration and Environmental Geochemistry	58	25
Filosofska dumka (Philosophical Thought)	228	83
Fiziologia rastenij i genetika	562	219
Fiziolohichnyï zhurnal	1,835	757
Folk art and ethnology	238	120
Formal Means of the Simulation of Parallel Processes and Systems	8	1
From the History of Book Culture of Ukraine: Research of Retrospective Book, Art, Music Publications and Historical Collections from the Funds of the Vernadsky National Library Of Ukraine	3	1
From the Urals to the Carpathians	1	1
Functional Materials	3,204	895
Fundamentals of Synthesis of Organic Substances	5	1
Galician–Volhynian Chronicle: Textology	3	1
Gennady Matsuka: In the World of Molecules and Genes	6	1
GEO&BIO	239	55
Geo-Technical mechanics	375	181
Geochemistry and ore formation	209	94
Geochemistry of Technogenesis	100	43
Geology and Geochemistry of Combustible Minerals	92	37
Geology and Mineral Resources of World Ocean	395	144
Geology and Us	1	1
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	7	1
Himia, Fizika ta Tehnologija Poverhni	588	263
How the word is born (Nina Klymenko)	3	1
Human development in Ukraine. Priorities of the national policy of minimizing the asymmetry of the Ukrainian labor market	18	1

Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	5	1
Hydrodynamics and acoustics	35	17
HYDROGEN BASED ENERGY STORAGE: STATUS AND RECENT DEVELOPMENTS	16	5
Impact: Writing for Business, Technology, and Science	5	1
Infinitesimal Geometry of Spatial Mappings	5	1
Information extraction and processing	107	46
Information Potential of Cannon Barrels of the XV - Early XIX Centuries	10	1
Information Provision of Diagnostic Systems for Energy Facilities	10	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	1	1
Introduction to Probability Theory	6	1
Journal of Mechanical Engineering	509	175
Kibernetika i vyčislitel'naâ tehnika	424	149
Kinematika i fizika nebesnyh tel (Online)	311	144
Kosmična nauka ì tehnologiâ	3,680	1,543
Kraêznavstvo	152	56
L.A. Pastur. Biobibliography Scientists of Ukraine	3	1
L.V. Pisarzhevsky Institute of Physical Chemistry NAS of Ukraine. 1927—2017 / NAS of Ukraine (editorial board : V.G. Koshechko (head))	5	1
Language. Information. System	19	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	2	1
LIBRARIAN INTERNET SUPPORT: STATE AND PROSPECTS	3	1
Long-term storage of digital information	5	1
Lyalko Vadym Ivanovich	4	1
Mathematical modeling of dynamical processes in the sea—land area	6	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	6	1
May the Light of Science Never Die	3	1
Metal and Casting of Ukraine	502	145
METALLOFIZIKA I NOVEISHIE TEKHNOLOGII	2,616	857
Metaloznavstvo ta obrobka metaliv	296	108
Microprisms: optical parameters and monitoring	5	1
Mikrobiolohichni Zhurnal	999	363
Mineralogical journal	553	214
Mining. A Millennium Long Road	1	1
Modern Hydrogen Energetics and Ecology	8	1
MODERN INFORMATION-COMMUNICATION ENVIRONMENT AS A SPACE FOR TRANSFORMATION OF UKRAINIAN NATIONAL IDENTITY.	1	1
Modified Crystal Field Theory and its Applications	9	1
Monetary Power in the Modern World: Who will Challenge	6	1

Dollar?		
Moon in the Sky...	1	1
Multi-Photon Microscopy and Optical Recording	9	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	3	1
Mykola Hryhorovych Zhulynsky	7	1
Myroslav Ivanovych Pavlyuk	3	1
Mižnarodni zv'azki Ukraïni: naukovì pošuki ì znaïdki	173	87
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	4	1
Nanosistemi, Nanomateriali, Nanotehnologii	638	264
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	1	1
National Academy of Sciences of Ukraine in 1991-2021. To the 30th Anniversary of Independence of Ukraine	3	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	1	1
Nauka ta innovacii	2,314	783
Nauka ta naukoznavstvo	566	151
Naukovì pracì Nacional'noi biblioteki Ukraïni ìmeni V Ì Vernads'kogo	1,112	487
NEW FUNCTIONAL SUBSTANCES AND MATERIALS FOR CHEMICAL ENGINEERING	91	24
Nuclear Physics and Atomic Energy	921	309
Nuclear Project: Past and Present	5	1
Oleksiy Vasyliovych Pogorelov	3	1
Optoelektronika ta napìvprovìdnikova tehnika	99	32
Optoèlektronika i poluprovodnikovaâ tehnika	45	27
Patons: Family Chronicle	12	1
Physico-mathematical modelling and informational technologies	236	114
Physico-technological aspects of degradation of silicon microwave diodes	7	1
Polarimetric remote sensing of Solar System objects	4	1
Polymer journal	384	161
Popular Astronomy	3	1
Praci Institutu elektrodinamiki Nacional'noi akademii nauk Ukraïni	467	194
Preislamic Near East: History, Religion, Culture.	45	17
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	6	1
PROBLEMS IN PROGRAMMING	402	205
Problems of Cryobiology and Cryomedicine	776	358
Proceedings of the 6th Orlov Conference «The study of the Earth as a planet by methods of geophysics, geodesy and	6	1

astronomy»		
Proceedings of the National Museum of Natural History	53	25
Proceedings of the Theriological School	380	120
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	10	7
Prykladni Problemy Mekhaniky i Matematyky	77	39
Radio physics and radio astronomy	447	180
Radio Waves Tell About the Universe	1	1
RADIOFIZIKA I ELEKTRONIKA	695	248
Remote sensing of the environment using the radiation of existing ground and space radio systems	6	1
Reports of the National Academy of Sciences of Ukraine	4,300	1,477
Ribogospodars'ka nauka Ukraïni	662	278
Rukopisna ta knižkova spadšina Ukraïni	282	154
Science about water	5	1
Science and innovation	1,487	396
Science of Ukraine in the Global Information Space	84	13
Science of Ukraine in the Global Information Space	67	10
Science of Ukraine in the Global Information Space	45	1
Science Ukraine in the Global Information Space	60	7
Science Ukraine in the Global Information Space	485	13
Science Ukraine in the Global Information Space. Issue 17	65	9
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	2	1
Scintillation detectors and systems of radiation monitoring on their base	4	1
Secondary Radioactive Contamination of the Atmosphere in Intermediate and Late Phases of a Nuclear Emergency	10	1
Semiconductor physics, quantum electronics and optoelectronics	5,613	1,710
Sergiy Ivanovych PyrozHKov. Biobibliography Scientists of Ukraine	8	1
Serhiy Vynohradsky, the World's Leading Microbiologist	1	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	308	181
Sociology: Theory, Methods, Marketing	199	84
Superhard Materials: A Guide for Curious	2	1
Surface	340	103
Synthesis of secondary metabolites in vitro	7	1
Technical mechanics	453	208
Tekhnichna Elektrodynamika	1,282	461
The Animal Biology	497	250
The Era of "isms": Modernism and Avantgarde in Western European Literature of the First Half of the XX Century	5	1
The Ethnology Notebooks	1,434	538
The Idea of Public: Political Philosophy in Ukraine in the XIX	1	1

Century		
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	11	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	7	1
The Oriental Studies	847	252
The phase formation processes into a short-circuited galvanic couple iron (St3)-carbon (coke) system in water medium	3	1
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	13	1
The Principles of Chemistry of Heterocyclic Compounds	4	1
The Problems of General Energy	405	183
The Ukrainian Biochemical Journal	2,536	651
The Wonderland of Metals	2	1
The World of the Orient	897	378
Theriologia Ukrainica	394	105
Title Undetermined	1,119	516
Tumor hypoxia in the clinical setting	2	1
Ukraina Lithuanica. Studii z istorii Velikogo knâzivstva Litovs'kogo	141	79
Ukraine and the Challenges of Post-Totalitarian Transit (1990-2019)	4	1
Ukraine and Ukrainians in the Post-Imperial Era (1917-1939)	3	1
Ukraine in the Epicenter of the Confrontation of World Systems (1939-1990)	3	1
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	5	1
Ukrainian Botanical Journal	1,688	528
Ukrainian early (pre-1850) historical weather observations	8	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	5	1
Ukrainian Geographical Journal	589	258
Ukrainian Journal of Physics	3,675	1,267
Ukrainian society	1,806	856
Ukrainica Bioorganica Acta	27	12
Ukrainska mova	509	193
Ukraïns'kij istoričnij žurnal	495	205
Ukraïns'ka biografistika	363	160
Upravlâûšie sistemy i mašiny	189	112
Uspehi Fiziki Metallov	981	285
Uspihi materialoznavstva	100	37
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	3	1
V.I. Vernadsky. The span of life and thought	12	1
Valery P. Kukhar. Biobibliography Scientists of Ukraine	3	1
Vestnik Zoologii	913	317
Visnik Nacional'noi' akademii' nauk Ukraïni	1,012	458

Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	7	1
Vitamins in Human Health	2	1
Volodymyr Zinovievych Turkevych	8	1
What Archeological Monuments Tell and Hide	2	1
Will to Identity. State Building and the Strategies of Legitimation	3	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	5	1
Z arhiviv VUČK, GPU, NKVD, KGB	260	73
Zoodiversity	440	103
Zurnal Hromatograficnogo tovaristva	36	18
Zurnal matematyckoj fiziki, analiza, geometrii	1,254	196
Èlektronnoe modelirovanie	422	216
Ìstoriâ narodnogo gospodarstva ta ekonomičnoï dumki Ukraïni	183	80
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	90	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 5% and your failure rate is 2%. 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.