

**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](#).

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).													
Months	2020-06	2020-05	2020-04	2020-03	2020-02	2020-01	2019-12	2019-11	2019-10	2019-09	2019-08	2019-07	2019-06
Resolution Attempts	79,677	62,909	34,396	24,228	29,321	42,845	33,734	29,620	31,470	85,771	16,538	27,209	33,305
Resolution Successes	77,803	61,475	32,937	23,325	27,875	42,199	32,709	28,407	30,962	85,448	16,157	26,740	32,198
Total Attempts for all members	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	331,577,082

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/ALG27.04.361	2071
10.15407/VISN2020.05.080	192

10.15407/STEELCAST2020.01.048	167
10.15407/STEELCAST2020.01.008	166
10.15407/KNIT2020.01.037	165
10.15407/STEELCAST2019.10.089	164
10.15407/MOM2020.01.027	162
10.15407/SPQEO	118
10.15407/MAG15.03.395	95
10.15407/MAG15.03.336	93

Resolutions by the numbers

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

Resolutions attempts	79,677
Resolved at Handle	77,803
Handle Failures	1,874
Resolved at local link server	0
Unique DOIs attempted	21,741
Unique DOIs resolved at handle	20,792
Unique DOIs that failed at handle	949
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
A PERSON IN INFORMATION SOCIETY: CHALLENGES TODAY.	1	1
Agricultural Science and Practice	1,692	196
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	1	1
Algebra-Algorithmic Models and Methods of Parallel Programing	3	1
Algologia	2,697	229
Apatites and tetraoxide compounds	3	1
Archaeology	278	156
Astronomy. Self-teacher	1	1
Bibliotechnyi visnyk	64	33

Biblioteki nacional'nyh akademij nauk	100	32
Biogeomics. Ecosystems of the world in the structure of the biosphere	1	1
Biotechnologia acta	1,359	412
BOOK AND PERIODICALS IN DISSERTATION RESEARCHES OF INDEPENDENT UKRAINE : SOCIO COMMUNICATIVE ASPECT.	1	1
Casting processes	22	7
Catalysis and petrochemistry	69	20
Chinese Studies	104	44
Coastal Zone Resources Management	3	1
Collected scientific papers Institute of environmental geochemistry	56	12
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	5	1
Control Systems and Computers	146	40
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.	3	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»)	1	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	1,159	411
DEVELOPMENT OF INFORMATIONAL CULTURE AS A MEANS FOR UNITING UKRAINIAN SOCIETY	1	1
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	2	1
Digitalization of Ukrainian economy: transformational potential	3	1
Dopants and Impurities in High-Tc Superconductors	1	1
Earth Systems Change over Eastern Europe	1	1
Economics and Law	1,349	303
Economy and forecasting	101	22
Economy of Industry	602	150
Economy of Ukraine	462	126
Eight Non-Classical Problems of Fracture Mechanics	6	1

Ekonomika i prognozuvannâ	910	179
Ekonomična teoriâ	682	103
Energy, Charge and Electron Transfer Processes in Chemistry	3	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	4	1
Expanded Graphite and Its Composites	11	1
Exploration and Environmental Geochemistry	63	27
Filosofska dumka (Philosophical Thought)	196	45
Fiziologija rastenij i genetika	532	172
Fiziolohichnyï zhurnal	3,889	706
Folk art and ethnology	194	98
Formal Means of the Simulation of Parallel Processes and Systems	6	1
Functional materials	2,454	725
Geo&Bio	95	22
Geo-Technical mechanics	307	152
Geochemistry and ore formation	109	71
Geochemistry of Technogenesis	135	36
Geology and Mineral Resources of World Ocean	284	126
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	1	1
Himia, Fizika ta Tehnologija Poverhni	1,037	281
Hydrodynamics and acoustics	167	21
Impact: Writing for Business, Technology, and Science	3	1
Infinitesimal Geometry of Spatial Mappings	1	1
Information extraction and processing	45	20
Information Provision of Diagnostic Systems for Energy Facilities	2	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	1	1
Introduction to Probability Theory	3	1
Journal of Mechanical Engineering	337	136
Kibernetika i vyčislitel'naâ tehnika	370	130
Kinematika i fizika nebesnyh tel (Online)	224	84
Kosmična nauka i tehnologiâ	4,119	1,300
L.A. Pastur. Biobibliography Scientists of Ukraine	1	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	4	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	3	1

Mathematical Theory of Higher-Order Degenerate Evolution Models	4	1
May the Light of Science Never Die	2	1
Metal and Casting of Ukraine	843	55
METALLOFIZIKA I NOVEISHIE TEKHNologii	2,533	732
Metaloznavstvo ta obrobka metaliv	297	58
Microprisms: optical parameters and monitoring	1	1
Mikrobiolohichniy Zhurnal	903	306
Mineralogical Journal	545	177
Modern Hydrogen Energetics and Ecology	3	1
Modified Crystal Field Theory and its Applications	13	1
Monetary Power in the Modern World: Who will Challenge Dollar?	1	1
Multi-Photon Microscopy and Optical Recording	3	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	1	1
Myroslav Ivanovych Pavlyuk	1	1
Misto istoriâ kul'tura suspil'stvo	590	91
Mižnarodni zv'âzki Ukraïni: naukovî pošuki ì znahidki	95	41
Nanosistemi, Nanomateriali, Nanotehnologii	227	115
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	1	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	3	1
Nauka ta innovacii	2,512	796
Nauka ta naukoznavstvo	1,629	121
Naukovî pracî Nacional'noi biblioteki Ukraïni imeni V Ì Vernads'kogo	580	271
Nuclear Physics and Atomic Energy	903	286
Optoelektronika ta napivprovodnikova tehnika	31	10
Optoèlektronika i poluprovodnikovaâ tehnika	113	47
PALEOGRAPHIC ORPHOGRAPHIC ATTRIBUTION OF UKRAINIAN CYRILLIC HANDWRITTEN BOOK: STATUTORY AND SEMISTATUTORY CODICES OF LATE XIII - EARLY XVII.	4	1
PHENOMENON OF POLITICAL THOUGHT OF RUSSIAN DIASPORA IN CONTEXT OF UKRAINIAN STATE IDENTITY	1	1
Physico-mathematical modelling and informational technologies	349	49
Physico-technological aspects of degradation of silicon microwave diodes	1	1
Polarimetric remote sensing of Solar System objects	5	1

Polymer journal	1,357	187
Popular Astronomy	1	1
Praci Institutu elektrodinamiki Nacionalnoy akademii nauk Ukraini	229	130
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	4	1
PROBLEMS IN PROGRAMMING	1,041	121
Problems of Cryobiology and Cryomedicine	1,003	366
Proceedings of the 6th Orlov Conference «The study of the Earth as a planet by methods of geophysics, geodesy and astronomy»	5	1
Proceedings of the National Museum of Natural History	53	25
Proceedings of the Theriological School	1,109	109
Prykladni Problemy Mekhaniky i Matematyky	340	46
Radio physics and radio astronomy	754	157
RADIOFIZIKA I ELEKTRONIKA	722	232
Reports of the National Academy of Sciences of Ukraine	5,696	1,373
Ribogospodars'ka nauka Ukraïni.	584	262
Rukopisna ta knižkova spadšina Ukraïni	247	148
Science about water	3	1
Science and innovation	1,127	321
Science of Ukraine in the Global Information Space	20	10
Science of Ukraine in the Global Information Space	28	9
Science of Ukraine in the Global Information Space	4	1
Science Ukraine in the Global Information Space	12	5
Science Ukraine in the Global Information Space	30	14
Scintillation detectors and systems of radiation monitoring on their base	1	1
Semiconductor Physics Quantum Electronics and Optoelectronics	2,764	1,114
Sergiy Ivanovych PyrozHKov. Biobibliography Scientists of Ukraine	1	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	434	157
Sociology: Theory, Methods, Marketing	244	37
Superhard Materials: A Guide for Curious	2	1
Surface	218	75
Synthesis of secondary metabolites in vitro	4	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	866	134
Technique in Creative Writing	3	1

Tekhnichna Elektrodynamika	1,156	425
The Animal Biology	598	255
The Ethnology Notebooks	535	334
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	1	1
The Mechanisms of Formation of Thin Films and Coatings Deposited by Physical Vapor Deposition Technology	2	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	4	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	1	1
The Oriental Studies	78	43
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	18	1
The Problems of General Energy	381	158
The Ukrainian Biochemical Journal	2,594	578
The World of the Orient	1,007	289
Theriologia Ukrainica	493	61
Tumor hypoxia in the clinical setting	1	1
Ukraina Lithuanica. Studii z istorii Velikogo knâzïvstva Litovs'kogo	85	12
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	2	1
Ukrainian Botanical Journal	1,111	424
Ukrainian early (pre-1850) historical weather observations	28	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	3	1
Ukrainian Geographical Journal	724	235
Ukrainian Journal of Physics	3,731	1,021
Ukrainian Society	1,394	474
Ukrainska mova	263	126
Ukraïns'kij istoričnij žurnal	770	156
Ukraïns'ka biografistika	162	78
Upravláûšie systemy i mašiny	320	156
Uspehi Fiziki Metallov	596	212
V.I. Vernadsky. The span of life and thought	10	1
Visnik Nacional'noi' akademii' nauk Ukrai'ni	1,112	360
Volodymyr Zinovievych Turkevych	2	1
Z arhiviv VUČK, GPU, NKVD, KGB	99	42
Zoodiversity	96	21
Zurnal Hromatograficnogo tovaristva	81	21

Zurnal matematicheskoy fiziki, analiza, geometrii	1,491	142
Elektronnoe modelirovanie	437	181
Istoriâ narodnogo gospodarstva ta ekonomichnoï dumki Ukraïni	749	74
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	67	27

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.