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	2020-11	2020-10	2020-09	2020-08	2020-07	2020-06	2020-05	2020-04	2020-03	2020-02	2020-01	2019-12	2019-11
Resolution Attempts	47,038	43,651	66,050	102,531	164,684	79,677	62,909	34,396	24,228	29,321	42,845	33,734	29,620
Resolution Successes	45,919	42,509	65,063	101,288	163,279	77,803	61,475	32,937	23,325	27,875	42,199	32,709	28,407
Total Attempts for all members	617,333,316	733,208,805	532,976,507	528,114,304	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

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/ZOO2020.05	136
10.15407/SPQEO	124
10.15407/SCIN12.06.006	122
10.15407/MAG16.03.221	80
10.15407/MAG16.02.119	69
10.15407/UHMI.REPORT.01	65
10.15407/FRG2020.03.187	65
10.15407/MAG16.03.364	61
10.15407/FD2020.01	58
10.15407/SCINE16.05	57

Resolutions by the numbers
This section of the report provides the resolution counts for the report prefix.

Resolutions attempts	47,038
Resolved at Handle	45,919
Handle Failures	1,117
Resolved at local link server	2
Unique DOIs attempted	15,734
Unique DOIs resolved at handle	15,249
Unique DOIs that failed at handle	483
Unique DOIs resolved at local link server	2

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	4	1
Acoustic monitoring of jet grinding	1	1
Agricultural Science and Practice	451	144
Algologia	366	154
Apatites and tetraoxide compounds	1	1
Archaeology	399	178
Bibliotechnyi visnyk	97	38

Biblioteki nacional'nyh akademij nauk	58	16
Biogeomics. Ecosystems of the world in the structure of the biosphere	1	1
Biotechnologia Acta	609	252
BOOK AND PERIODICALS IN DISSERTATION RESEARCHES OF INDEPENDENT UKRAINE : SOCIO COMMUNICATIVE ASPECT.	1	1
Casting processes	68	28
Catalysis and petrochemistry	40	15
Chinese Studies	214	59
Coastal Zone Resources Management	2	1
Collected scientific papers Institute of environmental geochemistry	7	6
Contactless de-orbiting of space debris by the ion beam. Dyna mics and Control	2	1
Control of fuel combustion in small and medium power boilers	25	1
Control Systems and Computers	148	34
Dark matter: Astrophysical aspects of the problem (volume 2, in three volumes «Dark energy and dark matter in the Universe»)	1	1
Demography and social economy	423	197
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	1	1
Digitalization of Ukrainian economy: transformational potential	16	1
Dopants and Impurities in High-Tc Superconductors	1	1
Earth Systems Change over Eastern Europe	2	1
Economics and Law	1,072	313
Economy and forecasting	55	30
Economy of Industry	304	81
Economy of Ukraine	774	200
Eight Non-Classical Problems of Fracture Mechanics	1	1
Ekonomìka ì prognozuvannâ	474	159
Ekonomìčna teorìâ	282	71
Energy, Charge and Electron Transfer Processes in Chemistry	1	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	9	1
Expanded Graphite and Its Composites	2	1
Exploration and Environmental Geochemistry	13	10
Filosofska dumka (Philosophical Thought)	357	42
Fiziologia rastenij i genetika	790	200
Fiziolohichnyĭ zhurnal	1,470	494
Folk art and ethnology	80	45

Functional Materials	1,358	525
Gennady Matsuka: In the World of Molecules and Genes	1	1
GEO&BIO	168	44
Geo-Technical mechanics	200	89
Geochemistry and ore formation	19	11
Geochemistry of Technogenesis	66	27
Geology and Mineral Resources of World Ocean	354	83
Himia, Fizika ta Tehnologia Poverhni	364	164
How the word is born (Nina Klymenko)	4	1
Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	1	1
Hydrodynamics and Acoustics	65	23
Information extraction and processing	86	32
Information Provision of Diagnostic Systems for Energy Facilities	3	1
Introduction to Probability Theory	1	1
Journal of Mechanical Engineering	221	82
Kibernetika i vyčislitel'naâ tehnika	132	68
Kinematika i fizika nebesnyh tel (Online)	234	60
Kosmìčna nauka ì tehnologìâ	1,648	972
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
Mathematical Theory of Higher-Order Degenerate Evolution Models	2	1
May the Light of Science Never Die	2	1
Metal and Casting of Ukraine	113	55
METALLOFIZIKA I NOVEISHIE TEKHNOLOGII	1,121	418
Metaloznavstvo ta obrobka metalìv	148	41
Mikrobiolohichnyi Zhurnal	701	254
Mineralogical Journal	258	112
Modern Hydrogen Energetics and Ecology	1	1
Modified Crystal Field Theory and its Applications	3	1
Monetary Power in the Modern World: Who will Challenge Dollar?	11	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	1	1
Mykola Hryhorovych Zhulynsky	2	1
Mìsto: ìstorìâ, kul'tura, suspìl'stvo	278	59
Mìžnarodnì zv'âzki Ukraïni: naukovì pošuki ì znahìdki	35	24

Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	27	1
Nanosistemi, Nanomateriali, Nanotehnologii	116	62
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	1	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
Nauka ta innovacii	1,563	747
Nauka ta naukoznavstvo	186	67
Naukovì pracì Nacìonal'noï bìblìoteki Ukraïni ìmenì V Ì Vernads'kogo	659	117
Nuclear Physics and Atomic Energy	442	179
Nuclear Project: Past and Present	1	1
Optoelektronìka ta napìvprovìdnikova tehnìka	10	8
Optoèlektronika i poluprovodnikovaâ tehnika	37	19
Patons: Family Chronicle	1	1
Physico-mathematical modelling and informational technologies	141	48
Physico-technological aspects of degradation of silicon nicrowave diodes	1	1
Polarimetric remote sensing of Solar System objects	2	1
Polymer journal	231	92
Popular Astronomy	1	1
Praci Institutu elektrodinamiki Nacionalaμnoi akademii nauk Ukraini	164	61
PROBLEMS IN PROGRAMMING	117	69
Problems of Cryobiology and Cryomedicine	1,049	384
Proceedings of the National Museum of Natural History	15	8
Proceedings of the Theriological School	149	60
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	326	24
Prykladni Problemy Mekhaniky i Matematyky	34	17
Radio physics and radio astronomy	328	112
RADIOFIZIKA I ELEKTRONIKA	430	214
Reports of the National Academy of Sciences of Ukraine	1,888	814
Ribogospodars'ka nauka Ukraïni	483	129
Rukopisna ta knižkova spadŝina Ukraïni	325	71
Science about water	2	1
Science and innovation	843	237
Science of Ukraine in the Global Information Space	15	8

Science of Ukraine in the Global Information Space	32	7
Science of Ukraine in the Global Information Space	2	1
Science Ukraine in the Global Information Space	18	4
Science Ukraine in the Global Information Space	16	8
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	1	1
Secondary Radioactive Contamination of the Atmosphere in Intermediate and Late Phases of a Nuclear Emergency	5	1
Semiconductor Physics Quantum Electronics and Optoelectronics	3,345	1,094
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	328	80
Sociology: Theory, Methods, Marketing	312	49
Surface	121	47
Synthesis of secondary metabolites in vitro	2	1
Technical mechanics	268	144
Technique in Creative Writing	1	1
Tekhnichna Elektrodynamika	709	279
The Animal Biology	944	277
The Ethnology Notebooks	915	202
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	2	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	4	1
The Oriental Studies	746	172
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	21	1
The Principles of Chemistry of Heterocyclic Compounds	13	1
The Problems of General Energy	271	123
The Ukrainian Biochemical Journal	2,272	517
The World of the Orient	270	149
Theriologia Ukrainica	139	37
Title Undetermined	155	97
Ukraina Lithuanica. Studìï z ìstorìï Velikogo knâzìvstva Litovs'kogo	21	15
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	2	1
Ukrainian Botanical Journal	647	254
Ukrainian early (pre-1850) historical weather observations	65	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	4	1
Ukrainian Geographical Journal	348	134
Ukrainian Journal of Physics	2,464	770

Ukrainian Society	1,854	359
Ukrainska mova	239	73
Ukraïns'kij ìstoričnij žurnal	209	76
Ukraïns'ka bìografistika	239	44
Upravlâûŝie sistemy i mašiny	98	69
Uspehi Fiziki Metallov	409	131
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	6	1
V.I. Vernadsky. The span of life and thought	1	1
Visnik Nacional'noi' akademii' nauk Ukrai'ni	433	185
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	2	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	1	1
Z arhìvìv VUČK, GPU, NKVD, KGB	51	21
Zoodiversity	573	46
Zurnal Hromatograficnogo tovaristva	20	6
Zurnal matematiceskoj fiziki, analiza, geometrii	990	109
Èlektronnoe modelirovanie	368	95
Ìstorìâ narodnogo gospodarstva ta ekonomìčnoï dumki Ukraïni	137	59
"Branta": Transactions of the Azov-Black Sea Ornithological Station	13	5

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 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.