

**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](#).

**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).

Month	2022-04	2022-03	2022-02	2022-01	2021-12	2021-11	2021-10	2021-09	2021-08	2021-07	2021-06	2021-05	2021-04
Resolutions Attempts	82,708	116,470	60,542	79,011	180,283	93,014	66,719	102,097	111,649	57,748	83,171	75,423	42,367
Resolutions Successful	80,097	110,835	58,499	76,941	177,037	91,068	64,932	100,406	110,477	56,579	82,047	74,238	40,913

Total Resolutions Attempts for all members	928,857,944	1,148,386,360	854,908,242	853,344,090	1,071,814,982	978,140,962	982,942,548	852,735,928	925,189,783	742,711,147	815,293,039	765,054,777	666,234,323
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**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
<a href="#">10.15407/JNP AE2020.02.113</a>	330
<a href="#">10.15407/ZOO2021.06.439</a>	254
<a href="#">10.15407/ALG27.04.361</a>	221
<a href="#">10.15407/AKADEMPERIODYKA.433.620</a>	123
<a href="#">10.15407/SPQEO</a>	104
<a href="#">10.15407/AGRISP7.03.054</a>	94

<a href="#">10.15407/UBJ93.05.090</a>	92
<a href="#">10.15407/NZ2020.04.907</a>	84
<a href="#">10.15407/DSE2015.03.003</a>	76
<a href="#">10.15407/UJPE67.2</a>	70

### Resolutions by the numbers

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

Resolutions attempts	82,708
Resolved at Handle	80,097
Handle Failures	2,611
Resolved at local link server	0
Unique DOIs attempted	23,457
Unique DOIs resolved at handle	22,388
Unique DOIs that failed at handle	1,069
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 or type

The number of total DOI resolutions per title or type

Publication Title	Total Resolutions	Unique DOIs
"Know yourself". Neoplatonic sources in the works of H.S. Skovoroda	3	1
About Chemists	4	1
Acoustic monitoring of jet grinding	1	1
Agricultural Science and Practice	658	177
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	5	1
Algebra-Algorithmic Models and Methods of Parallel Programming	5	1
Algologia	1,197	241
Analytic Methods of Spectral Representations of Non- Selfadjoint (Non-Unitary) Operators	5	1
Apatites and tetraoxide compounds	5	1
Archaeology	975	283
Arithmetic of matrices over rings	2	1
Artificial Intelligence	215	59
Astronomy. Self-teacher	2	1
Bibliotechnyi visnyk	170	84
Biblioteki nacional'nyh akademij nauk	29	15
Biogeomics. Ecosystems of the world in the structure of the biosphere	2	1
Biotechnologia Acta	1,294	480
Botanical Notebooks or Twelve Trips to the Plant World	2	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)	8	1
Casting processes	166	67
Catalysis and Petrochemistry	263	43
Chinese Studies	98	37
City History, Culture, Society	175	71
Coastal Zone Resources Management	2	1
Collected scientific papers Institute of environmental geochemistry	4	3
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957—2017)	4	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	2	1
Control Systems and Computers	168	71
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»)	1	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	1,675	411
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	4	1
Digitalization of the economy: how to improve the country's competitiveness	6	1
Digitalization of Ukrainian economy: transformational potential	1	1
Dislocation mechanisms and strengthening methods in metal crystals	4	1
Dopants and Impurities in High-Tc Superconductors	4	1
Economics and Law	1,080	424
Economy and forecasting	149	74
Economy of Industry	385	111
Economy of Ukraine	699	241
Eight Non-Classical Problems of Fracture Mechanics	3	1
Ekonomika i prognozuvannâ	510	181
Ekonomična teoriâ	281	108
Energy, Charge and Electron Transfer Processes in Chemistry	1	1
Energy-saving heat technologies for obtaining soy based plant powders	4	1
Essays on Neurophysiology by Platon Kostyuk and His Students	2	1

European Union Intellectual Property Law: Formation, Institutes, Directions of Development	3	1
Expanded Graphite and Its Composites	2	1
Exploration and Environmental Geochemistry	32	20
Filosofska dumka (Philosophical Thought)	337	86
Fiziologia rastenij i genetika	598	174
Fiziolohichnyĭ zhurnal	1,864	621
Folk art and ethnology	190	77
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	2	1
Functional Materials	4,617	878
Fundamentals of Synthesis of Organic Substances	1	1
GEO&BIO	167	45
Geo-Technical mechanics	191	102
Geochemistry and ore formation	66	37
Geochemistry of Technogenesis	205	39
Geology and Geochemistry of Combustible Minerals	23	14
Geology and Mineral Resources of World Ocean	377	124
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	3	1
Himia, Fizika ta Tehnologia Poverhni	507	205
Human development in Ukraine. Priorities of the national policy of minimizing the asymmetry of the Ukrainian labor market	2	1
Hydrodynamics and acoustics	40	19
HYDROGEN BASED ENERGY STORAGE: STATUS AND RECENT DEVELOPMENTS	9	4
Impact: Writing for Business, Technology, and Science	1	1
Infinitesimal Geometry of Spatial Mappings	1	1
Information extraction and processing	129	47
Information Potential of Cannon Barrels of the XV - Early XIX Centuries	3	1
Information Provision of Diagnostic Systems for Energy Facilities	5	1
Introduction to Probability Theory	1	1
Journal of Mechanical Engineering	545	158
Kibernetika i vyčislitel'naâ tehnika	168	96
Kinematika i fizika nebesnyh tel (Online)	176	79
Kosmična nauka ì tehnologiâ	1,520	752
Kraêznavstvo	75	32
L.A. Pastur. Biobibliography Scientists of Ukraine	1	1
Language. Information. System	3	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	2	1
Long-term storage of digital information	2	1
Lyalko Vadym Ivanovich	2	1

Matematychni Metody Ta Fyzyko-Mekhanichni Polya	1,192	60
Mathematical modeling of dynamical processes in the sea—land area	2	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	2	1
May the Light of Science Never Die	1	1
Metal and Casting of Ukraine	299	124
METALLOFIZIKA I NOVEISHIE TEKHNologii	4,993	922
Metaloznavstvo ta obrobka metaliv	218	101
Microprisms: optical parameters and monitoring	2	1
Mikrobiolohichni Zhurnal	1,210	325
Mineralogical Journal	507	189
Mining. A Millennium Long Road	1	1
Modern Hydrogen Energetics and Ecology	1	1
Modified Crystal Field Theory and its Applications	10	1
Monetary Power in the Modern World: Who will Challenge Dollar?	1	1
Moon in the Sky...	1	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
Mykola Hryhorovych Zhulynsky	3	1
Myroslav Ivanovych Pavlyuk	1	1
Mižnarodni zv'azki Ukraïni: naukovì pošuki ì znaïdki	193	59
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	11	1
Nanosistemi, Nanomateriali, Nanotehnologii	601	217
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	2	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	1	1
Nauka ta innovacii	1,483	542
Nauka ta naukoznavstvo	272	88
Naukovì pracì Nacional'noï biblioteki Ukraïni ìmeni V Ì Vernads'kogo	469	215
NEW FUNCTIONAL SUBSTANCES AND MATERIALS FOR CHEMICAL ENGINEERING	74	19
Nuclear Physics and Atomic Energy	2,491	331
Nuclear Project: Past and Present	2	1
Optoelektronika ta napìvprovìdnikova tehnika	83	31
Optoèlektronika i poluprovodnikovaâ tehnika	21	12
Patons: Family Chronicle	2	1
Physico-mathematical modelling and informational technologies	138	87
Polarimetric remote sensing of Solar System objects	4	1

Polymer journal	487	108
Popular Astronomy	3	1
Praci Institutu elektrodinamiki Nacionalaµnoi akademii nauk Ukraini	605	154
Preislamic Near East: History, Religion, Culture.	18	7
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	4	1
PROBLEMS IN PROGRAMMING	327	139
Problems of Cryobiology and Cryomedicine	1,047	435
Proceedings of the National Museum of Natural History	76	19
Proceedings of the Theriological School	213	65
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	45	18
Prykladni Problemy Mekhaniky i Matematyky	126	66
Radio physics and radio astronomy	534	210
Radio Waves Tell About the Universe	1	1
RADIOFIZIKA I ELEKTRONIKA	776	249
Radionuclide Anomaly	1	1
Remote sensing of the environment using the radiation of existing ground and space radio systems	2	1
Reports of the National Academy of Sciences of Ukraine	2,025	815
Ribogospodars'ka nauka Ukraïni	354	148
Rukopisna ta knikova spadina Ukraïni	180	88
Science about water	1	1
Science and innovation	1,369	318
Science of Ukraine in the Global Information Space	10	8
Science of Ukraine in the Global Information Space	13	7
Science Ukraine in the Global Information Space	6	4
Science Ukraine in the Global Information Space	14	11
Science Ukraine in the Global Information Space. Issue 17	35	8
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	2	1
Scintillation detectors and systems of radiation monitoring on their base	2	1
Semiconductor Physics, Quantum Electronics and Optoelectronics	8,728	1,558
Serhiy Vynohradsky, the World's Leading Microbiologist	2	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	216	98
Sociology: Theory, Methods, Marketing	185	73
Superhard Materials: A Guide for Curious	5	1
Surface	196	82
Synthesis of secondary metabolites in vitro	6	1
SYSTEM OF COLLECTING AND ACCOUNTING OF ARCHIVAL FONDS OF THE INSTITUTE OF MANUSCRIPTS OF VI VERNADSKYI NATIONAL LIBRARY OF UKRAINE:	1	1

ESTABLISHING OF DIGITAL INTEGRATED RESOURCE		
Technical mechanics	463	139
Technique in Creative Writing	5	1
Tekhnichna Elektrodynamika	1,605	439
The Animal Biology	453	212
The Era of "isms": Modernism and Avantgarde in Western European Literature of the First Half of the XX Century	5	1
The Ethnology Notebooks	1,000	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	4	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	3	1
The Oriental Studies	388	204
The phase formation processes into a short-circuited galvanic couple iron (St3)-carbon (coke) system in water medium	5	1
THE PHENOMENON OF INSTABILITY AS A CHALLENGE TO ECONOMIC DEVELOPMENT	7	1
The Problems of General Energy	283	135
The Ukrainian Biochemical Journal	3,165	695
The Wonderland of Metals	1	1
The World of the Orient	618	305
Theriologia Ukrainica	325	83
Ukraina Lithuanica. Studii z istorii Velikogo knâzivstva Litovs'kogo	41	28
Ukraine and the Challenges of Post-Totalitarian Transit (1990-2019)	28	1
Ukraine and Ukrainians in the Post-Imperial Era (1917-1939)	123	1
Ukraine in the Epicenter of the Confrontation of World Systems (1939-1990)	29	1
Ukrainian Botanical Journal	2,637	579
Ukrainian early (pre-1850) historical weather observations	6	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	3	1
Ukrainian Geographical Journal	407	161
Ukrainian Journal of Physics	3,560	1,184
Ukrainian society	2,119	742
Ukrainica Bioorganica Acta	34	16
Ukrainska mova	462	173
Ukraïns'kij istoričnij žurnal	505	187
Ukraïns'ka biografistika	204	128
Upravlâûšie sistemy i mašiny	77	41
Uspehi Fiziki Metallov	1,620	308
Uspihi materialoznavstva	59	32

V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	1	1
V.I. Vernadsky. The span of life and thought	1	1
Valery P. Kukhar. Biobibliography Scientists of Ukraine	2	1
Vestnik Zoologii	1,095	305
Visnik Nacional noi akademii nauk Ukraïni	1,495	458
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	3	1
Vitamins in Human Health	1	1
Volodymyr Zinovievych Turkevych	1	1
Will to Identity. State Building and the Strategies of Legitimation	1	1
Woman and Science in Ukraine. To the 25 th anniversary of the NGO "Women in Science"	5	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	1	1
Z arhiviv VUČK, GPU, NKVD, KGB	170	58
Zoodiversity	929	112
Zurnal Hromatograficnogo tovaristva	17	14
Zurnal matematyckoj fiziki, analiza, geometrii	1,287	192
Èlektronnoe modelirovanie	599	172
Ìstoriâ narodnogo gospodarstva ta ekonomìčnoï dumki Ukraïni	113	61
"Branta": Transactions of the Azov-Black Sea Ornithological Station	69	29

## 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 3%. 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).



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