

**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).

Mont	2022-06	2022-05	2022-04	2022-03	2022-02	2022-01	2021-12	2021-11	2021-10	2021-09	2021-08	2021-07	2021-06
Resolutions Attempted	65,023	70,937	82,708	116,470	60,542	79,011	180,283	93,014	66,719	102,097	111,649	57,748	83,171
Resolutions Successful	61,435	68,728	80,097	110,835	58,499	76,941	177,037	91,068	64,932	100,406	110,477	56,579	82,047

Total Resolutions Attempted for all members	822,943	954,47	928,84	1,148,360	854,92	853,30	1,071,82	978,12	982,94	852,78	925,13	742,77	815,29
	42,913	37,027	57,944	386,360	08,242	44,090	814,982	40,962	42,544	35,928	89,783	11,147	93,039

**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/SPQEO</a>	114
<a href="#">10.15407/MZU2018.27.331</a>	94
<a href="#">10.15407/SPQEO20.04.470</a>	80
<a href="#">10.15407/KNIT2022.02.003</a>	76
<a href="#">10.15407/AGRISP7.03.054</a>	76

<a href="#">10.15407/KNIT2022.02.014</a>	71
<a href="#">10.15407/KNIT2022.02.030</a>	68
<a href="#">10.15407/KNIT2022.02.054</a>	67
<a href="#">10.15407/KNIT2022.02.061</a>	65
<a href="#">10.15407/ZOO2022.01.067</a>	59

### Resolutions by the numbers

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

Resolutions attempts	65,023
Resolved at Handle	61,435
Handle Failures	3,588
Resolved at local link server	0
Unique DOIs attempted	23,052
Unique DOIs resolved at handle	20,997
Unique DOIs that failed at handle	2,055
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](http://doi.org).

**Handle failures** is the number of resolutions that failed to look up at [doi.org](http://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
A PERSON IN INFORMATION SOCIETY: CHALLENGES TODAY.	3	1
Acoustic monitoring of jet grinding	1	1
Agricultural Science and Practice	673	208
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	3	1
Algebra-Algorithmic Models and Methods of Parallel Programming	2	1
Algologia	469	135
Analytic Methods of Spectral Representations of Non-Selfadjoint (Non-Unitary) Operators	4	1
Apatites and tetraoxide compounds	1	1
Archaeology	405	169
Arithmetic of matrices over rings	2	1
Artificial Intelligence	65	36
Astronomy. Self-teacher	3	1
Bibliotechnyi visnyk	108	51
Biblioteki nacional'nyh akademij nauk	32	22
Biogeomics. Ecosystems of the world in the structure of the biosphere	2	1

Biotechnologia Acta	1,054	343
Black Sea Shores of Ukraine	1	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)	13	1
Casting Processes	62	32
Catalysis and Petrochemistry	205	49
Chemists are Joking...	1	1
Chinese Studies	82	35
City History, Culture, Society	118	53
Coastal Zone Resources Management	1	1
Collected scientific papers Institute of environmental geochemistry	2	1
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957—2017)	2	1
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	11	1
Control of fuel combustion in small and medium power boilers	1	1
Control Systems and Computers	94	60
Creator of theoretical and mathematical physics: to the 110 th anniversary of Academician M.M. Bogolyubov	2	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»)	1	1
Dark matter: Observational manifestation and experimental searches (volume 3, in three volumes «Dark energy and dark matter in the Universe»)	6	1
Demography and social economy	774	290
DEVELOPMENT OF INFORMATIONAL CULTURE AS A MEANS FOR UNITING UKRAINIAN SOCIETY	3	1
DIGITAL LIBRARY PROJECTS: TECHNOLOGICAL SOLUTIONS AND MANAGING THE CIRCLE OF LIFE OF COLLECTION.	5	1
Digitalization of the economy: how to improve the country's competitiveness	7	1
Digitalization of Ukrainian economy: transformational potential	12	1
Dislocation mechanisms and strengthening methods in metal crystals	7	1
Earth Systems Change over Eastern Europe	1	1
Economics and Law	800	233
Economy and forecasting	164	57

Economy of Industry	245	96
Economy of Ukraine	766	256
Effects of Atomic Ordering of Interstitial Hydrogen on the Physical Properties of Host Metals	3	1
Eight Non-Classical Problems of Fracture Mechanics	1	1
Ekonomika i prognozuvannâ	508	175
Ekonomična teoriâ	168	79
Energy, Charge and Electron Transfer Processes in Chemistry	1	1
Energy-saving heat technologies for obtaining soy based plant powders	3	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	2	1
Expanded Graphite and Its Composites	1	1
Exploration and Environmental Geochemistry	47	9
Filosofska dumka (Philosophical Thought)	192	70
Fiziologia rastenij i genetika	364	115
Fiziolohichnyï zhurnal	2,075	582
Folk art and ethnology	188	66
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
From the Urals to the Carpathians	1	1
Functional Materials	3,670	957
Fundamentals of Synthesis of Organic Substances	3	1
Galician–Volhynian Chronicle: Textology	2	1
Gennady Matsuka: In the World of Molecules and Genes	2	1
GEO&BIO	350	71
Geo-Technical mechanics	211	114
Geochemistry and ore formation	76	46
Geochemistry of Technogenesis	105	53
Geology and Geochemistry of Combustible Minerals	72	31
Geology and Mineral Resources of World Ocean	149	64
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	1	1
Himia, Fizika ta Tehnologija Poverhni	525	235
Human development in Ukraine. Priorities of the national policy of minimizing the asymmetry of the Ukrainian labor market	1	1
Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	1	1
Hydrodynamics and acoustics	21	9
HYDROGEN BASED ENERGY STORAGE: STATUS AND RECENT DEVELOPMENTS	61	6
Infinitesimal Geometry of Spatial Mappings	1	1
Information extraction and processing	32	17

Information Provision of Diagnostic Systems for Energy Facilities	4	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	3	1
Introduction to Probability Theory	1	1
Journal of Mechanical Engineering	554	196
Kibernetika i vyčislitel'naâ tehnika	377	158
Kinematika i fizika nebesnyh tel (Online)	332	116
Kosmična nauka i tehnologiâ	3,594	1,397
Kraêznavstvo	56	28
L.V. Pisarzhevsky Institute of Physical Chemistry NAS of Ukraine. 1927—2017 / NAS of Ukraine (editorial board : V.G. Koshechko (head))	1	1
Language. Information. System	4	1
LIBRARIAN INTERNET SUPPORT: STATE AND PROSPECTS	3	1
Long-term storage of digital information	3	1
Matematychni Metody Ta Fyzyko-Mekhanichni Polya	291	82
Mathematical modeling of dynamical processes in the sea—land area	1	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	3	1
Metal and Casting of Ukraine	129	61
METALLOFIZIKA I NOVEISHIE TEKHNologii	1,253	556
Metaloznavstvo ta obrobka metaliv	232	108
Metrology of heat flux measurements	3	1
Microprisms: optical parameters and monitoring	1	1
Mikrobiolohichni Zhurnal	810	305
Mineralogical Journal	690	215
Modern Hydrogen Energetics and Ecology	2	1
MODERN INFORMATION-COMMUNICATION ENVIRONMENT AS A SPACE FOR TRANSFORMATION OF UKRAINIAN NATIONAL IDENTITY.	3	1
Modified Crystal Field Theory and its Applications	7	1
Monetary Power in the Modern World: Who will Challenge Dollar?	9	1
Mykola Hryhorovych Zhulynsky	1	1
Mižnarodni zv'âzki Ukraïni: naukovì pošuki i znahidki	265	39
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	1	1
Nanosistemi, Nanomateriali, Nanotehnologii	255	122
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 INFORMATION PROCESSES UNDER GLOBALISATION	6	1

NATIONAL RESOURCES FOR BIOGRAPHIC AND BIOBIBLIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	6	1
Nauka ta innovacii	1,097	366
Nauka ta naukoznavstvo	278	129
Naukovì pracì Nacional'noi bìblioteki Ukraïni imeni V Ì Vernads'kogo	706	273
NEW FUNCTIONAL SUBSTANCES AND MATERIALS FOR CHEMICAL ENGINEERING	97	24
Nuclear Physics and Atomic Energy	1,439	377
Oleksiy Vasyliovich Pogorelov	2	1
Optoelektronika ta napìvprovìdnikova tehnikà	29	15
Optoèlektronika i poluprovodnikovaâ tehnika	20	12
Patons: Family Chronicle	2	1
PHENOMENON OF POLITICAL THOUGHT OF RUSSIAN DIASPORA IN CONTEXT OF UKRAINIAN STATE IDENTITY	3	1
Physico-mathematical modelling and informational technologies	83	41
Physico-technological aspects of degradation of silicon microwave diodes	1	1
Polarimetric remote sensing of Solar System objects	3	1
Polymer journal	415	107
Popular Astronomy	1	1
Praci elektrodinamiki Nacional'noi akademii nauk Ukraïni Institutu	595	151
Preislamic Near East: History, Religion, Culture.	12	7
PROBLEMS IN PROGRAMMING	219	75
Problems of Cryobiology and Cryomedicine	847	309
Proceedings of the National Museum of Natural History	11	9
Proceedings of the Theriological School	193	109
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	14	10
Prykladni Problemy Mekhaniky i Matematyky	123	37
Radio physics and radio astronomy	393	162
Radio Waves Tell About the Universe	1	1
RADIOFIZIKA I ELEKTRONIKA	265	106
Radionuclide Anomaly	2	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	3,200	1,480
Ribogospodars'ka nauka Ukraïni	271	156
Rukopisna ta knižkova spadšina Ukraïni	447	134
Science and innovation	2,108	389
Science of Ukraine in the Global Information Space	10	7
Science of Ukraine in the Global Information Space	47	9
Science of Ukraine in the Global Information Space	1	1

Science Ukraine in the Global Information Space	12	7
Science Ukraine in the Global Information Space	16	7
Science Ukraine in the Global Information Space. Issue 17	26	8
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	2	1
Semiconductor Physics, Quantum Electronics and Optoelectronics	3,797	1,113
SHAPING OF STRATEGIC NARRATIVE FOR INFORMATION SUPPORT OF THE RE-INTEGRATION OF THE TEMPORARILY OCCUPIED TERRITORY INTO COMMON UKRAINIAN CONTEXT	3	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	218	121
Sociology: Theory, Methods, Marketing	153	73
Superhard Materials: A Guide for Curious	2	1
Surface	205	79
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	3	1
Technical mechanics	495	181
Tekhnichna Elektrodynamika	1,395	400
The Animal Biology	401	228
The Ethnology Notebooks	2,303	578
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	1	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	3	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	1	1
The Oriental Studies	596	276
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 Principles of Chemistry of Heterocyclic Compounds	2	1
The Problems of General Energy	285	137
The Ukrainian Biochemical Journal	2,831	566
The World of the Orient	598	263
Theriologia Ukrainica	332	92
Tumor hypoxia in the clinical setting	1	1
Ukraina Lithuanica. Studii z istorii Velikogo knazivstva Litovs'kogo	24	17
Ukraine and the Challenges of Post-Totalitarian Transit (1990-2019)	5	1
Ukraine and Ukrainians in the Post-Imperial Era (1917-1939)	14	1

Ukraine in the Epicenter of the Confrontation of World Systems (1939-1990)	6	1
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	1	1
Ukrainian Botanical Journal	1,354	549
Ukrainian early (pre-1850) historical weather observations	1	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	4	1
Ukrainian Geographical Journal	407	147
Ukrainian Journal of Physics	2,355	943
Ukrainian Society	721	443
Ukrainica Bioorganica Acta	22	16
Ukrainska mova	247	91
Ukraïns'kij ïstoričnij žurnal	549	180
Ukraïns'ka biografistika	61	38
Upravlâûšie sistemy i mašiny	83	50
Uspehi Fiziki Metallov	843	204
Uspihi materialoznavstva	14	11
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	2	1
Valery P. Kukhar. Biobibliography Scientists of Ukraine	1	1
Vestnik Zoologii	797	284
Visnik Nacional'noi' akademii' nauk Ukraïni	1,623	572
Vitamins in Human Health	1	1
Volodymyr Zinovievych Turkevych	2	1
Woman and Science in Ukraine. To the 25 th anniversary of the NGO “Women in Science”	4	1
Yevgen Yakovych Khruslov. Biobibliography Scientists of Ukraine	2	1
Z arhiviv VUČK, GPU, NKVD, KGB	77	41
Zoodiversity	404	92
Zurnal Hromatograficnogo tovaristva	10	4
Zurnal matematicheskoy fiziki, analiza, geometrii	382	128
Èlektronnoe modelirovanie	715	203
Ìstoriâ narodnogo gospodarstva ta ekonomìčnoï dumki Ukraïni	94	46
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	17	10

## 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 5%. 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).