

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).

Mon	2024-	2024-	2024-	2024-	2024-	2024-	2024-	2024-	2024-	2023-	2023-	2023-	2023-
ths	09	08	07	06	05	04	03	02	01	12	11	10	-09
Res oluti on Atte mpts	163,5 74	170,9 66	183,7 49	155,3 37	216,5 47	197,0 82	111,3 65	81,48 5	95,79 0	109,8 82	94,61 4	97,68 7	78,64 0
Res oluti on Suc cess es	154,9 34	156,9 44	168,5 18	145,0 47	206,1 52	188,2 86	103,8 71	76,56 0	91,43 6	101,8 08	86,04 8	92,33 4	75,23 0

Tota l Atte mpts for all me mbe rs	1,414, 963,7 81	1,252, 883,4 44	1,253, 524,4 92	1,196, 229,8 71	1,498, 256,0 72	1,550, 659,9 07	1,225, 504,8 95	1,074, 247,2 26	1,246, 472,5 63	1,307, 860,1 39	1,297, 281,4 35	1,066, 497,3 51	955,6 39,48 9
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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
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10.15407/SPQEO	224
10.15407/ALG27.04.361	120
10.15407/TECHNED2020.04.072	111
10.15407/ALG34.03.205	107
10.15407/TECHNED2017.06.072	96
10.15407/TECHNED2019.05.060	95
10.15407/ORIENTW2022.04.119	88
10.15407/TECHNED2019.04.056	85
10.15407/FM26.03.548	83
10.15407/UHJ2017.01.041	81

Resolutions by the numbers

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

Resolutions attempts	163,574
Resolved at Handle	154,934
Handle Failures	8,640
Resolved at local link server	0
Unique DOIs attempted	44,226
Unique DOIs resolved at handle	39,604
Unique DOIs that failed at handle	4,622
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	1	1

A Course of Ordinary Differential Equations	3	1
Acoustic monitoring of jet grinding	5	1
Agricultural Science and Practice	986	238
Agriculture of the Khazar Khaganate in a Forest-Steppe Zone	1	1
Algebra-Algorithmic Models and Methods of Parallel Programming	24	1
Algologia	1,676	340
Analytic Methods of Spectral Representations of Non- Selfadjoint (Non-Unitary) Operators	9	1
Apatites and tetraoxide compounds	8	1
Archaeology	1,040	315
Arithmetic of matrices over rings	2	1
Artificial Intelligence	849	166
Astronomical research in Kharkiv at the end of the 19th century – the first half of the 20th century	2	1
Astronomy. Self-teacher	3	1
Atlas of fluid inclusions in some minerals of Ukraine	1	1
Bibliotechnyi visnyk	505	189
Biblioteki nacional'nyh akademij nauk	122	46
BIOBUTANOL. PRODUCERS, SUBSTRATES, CULTIVATION AND RECOVERY	7	1
Biogeomics. Ecosystems of the world in the structure of the biosphere	4	1
Bioindication assessment of the park ecosystems state in Kyiv	3	1
Biotechnologia Acta	3,214	674
Birds around us	11	1
Black Sea Shores of Ukraine	1	1
Book of Abstracts of the International Conference of Young Scientists on Meteorology, Hydrology and Environmental Monitoring (ICYS-MHEM)	97	30
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)	10	1
Breeding and Transfer of Kyiv Wheat Varieties	10	1

Carbon nanomaterials of graphite-like structure and their composites: physics, chemistry and technology	4	1
Carbon structures – real and hypothetical	6	1
Casting Processes	589	156
Catalysis and Petrochemistry	317	70
Chinese Studies	216	56
City: History, Culture, Society	559	148
ClimUAd: Ukrainian gridded daily air temperature (min, max, mean) and atmospheric precipitation data (1946-2020)	12	1
Coastal Zone Resources Management	1	1
Cold in Biology and Medicine: state of the art and perspectives	6	1
Collected scientific papers Institute of environmental geochemistry	52	18
Comprehending the Past: Soviet Visions, Post-Soviet Revisions and Modern Concepts in "Ukrainian Historical Journal" (1957— 2017)	4	1
Comprehensive radioecological monitoring for objects of radioactively contaminated areas	4	1
Computer modeling in biology	3	1
Constructive tools for mathematical and computer modeling of physical and mechanical fields in the areas of complex shape	3	1
Contactless de-orbiting of space debris by the ion beam. Dynamics and Control	14	1
Contributions to understanding climate interactions: stratospheric ozone	11	1
Control of fuel combustion in small and medium power boilers	8	1
Control Systems and Computers	633	182
Crack Resistance Of Railway Wheels	2	1
Creator of theoretical and mathematical physics: to the 110 th anniversary of Academician M.M. Bogolyubov	3	1
Cutting tools made of coated cubic boron nitride composite	3	1
Cyrillic handwritten books of the 17th century from the collection of the library of the History and Philology Institute of Prince Bezborodko from the fonds of the Institute of Manuscript of the V. I. Vernadskyi National Library of Ukraine	2	1
Dark matter: Astrophysical aspects of the problem (volume 2, in three volumes «Dark energy and dark matter in the Universe»)	3	1

Dark matter: Observational manifestation and experimental searches (volume 3, in three volumes «Dark energy and dark matter in the Universe»)	4	1
Demography and social economy	1,735	441
Demons of the XXth century (typology of destructive characters in Ukrainian and Russian literature)	3	1
Designing capacitive shaft runout sensors for power generators in the Comsol Multiphysics	6	1
Diamond Abrasive Treatment: How to Overcome Established Myths	2	1
Diamonds of Ukraine	8	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	7	1
Digitalization of Ukrainian economy: transformational potential	13	1
Directory (cadastre) of physical properties of rocks of Ukrainian shield at high pressures and temperatures	2	1
Discourse of masculinity in Ivan Franko's prose	1	1
Discursive practices of deliberative democracy in Ukrainian society	4	1
Dislocation mechanisms and strengthening methods in metal crystals	11	1
Diversity of modern avifauna of Ukraine	5	1
Dopants and Impurities in High-Tc Superconductors	4	1
Earth Systems Change over Eastern Europe	9	1
Economics and Law	1,805	545
Economy and forecasting	631	133
Economy of Industry	1,222	247
Economy of Ukraine	2,034	461
Effects of Atomic Ordering of Interstitial Hydrogen on the Physical Properties of Host Metals	4	1
Eight Non-Classical Problems of Fracture Mechanics	2	1
Ekonomika i prognozuvannâ	952	282
Ekonomiãna teoriã	702	197
Endophytic micromycetes: biodiversity, physiological and biochemical features, interaction with plants	7	1

Energy and global warming	5	1
Energy production from biomass in Ukraine: technologies, development and prospects	3	1
Energy, Charge and Electron Transfer Processes in Chemistry	1	1
Energy-saving heat technologies for obtaining soy based plant powders	2	1
Essays on Neurophysiology by Platon Kostyuk and His Students	4	1
European carved portrait in XVI—XIX centuries. From the fonds of the Vernadsky National Library of Ukraine: Studies, Illustrated catalog. In two books. Book one.	2	1
European carved portrait in XVI—XIX centuries. From the fonds of the Vernadsky National Library of Ukraine: Studies, Illustrated catalog. In two books. Book two.	6	1
European Union Intellectual Property Law: Formation, Institutes, Directions of Development	5	1
Everyday magic of the ancient Slavs. Essays.	4	1
Expanded Graphite and Its Composites	11	1
Experience economy and environmental management: principles of inclusiveness and sustainability	6	1
Experimental Oncology	3,872	534
Exploration and Environmental Geochemistry	312	30
Extragalactic astronomy. Book 2. Galaxies: multiwavelength properties	5	1
Filosofska dumka (Philosophical Thought)	918	197
Fiziologija rastenij i genetika	1,267	339
Fiziolohichnyĭ zhurnal	4,458	1,165
Fluid dynamic design of turbomachine elements	3	1
Folk art and ethnology	786	278
Formal and adaptive methods of constructing high-performance parallel programs	1	1
Formal Means of the Simulation of Parallel Processes and Systems	1	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	2	1
Functional Materials	5,687	1,083
Fundamentals of Synthesis of Organic Substances	2	1

Galician–Volhynian Chronicle: Textology	4	1
Gennady Matsuka: In the World of Molecules and Genes	1	1
Geo-Technical Mechanics	1,123	407
Geochemistry and ore formation	440	132
Geochemistry of Ruska Poliana granitoids of Korsun-Novomyrhorod pluton of Ukrainian Shield	3	1
Geochemistry of Technogenesis	228	69
Geoecology and archeology of the Northern Black Sea coast and of the adjacent shelf	5	1
Geology and Geochemistry of Combustible Minerals	214	69
Geology and Mineral Resources of World Ocean	471	178
Geology and Us	3	1
Grinding wheels of superhard materials for diamond-abrasive processing: new in the famous	9	1
Groundwater purification methods using elements of iron and manganese biogeochemical cycles	2	1
Heat transfer through window constructions	5	1
Heat-electrophysical processes in steam turbines	5	1
Hidden Threat in Drinking Water: Viable but Non-Culturable Microorganisms	7	1
Himia, Fizika ta Tehnologija Poverhni	2,048	485
Historical and Geographical Studies in Ukraine	91	44
How the word is born (Nina Klymenko)	1	1
Human development in Ukraine. Priorities of the national policy of minimizing the asymmetry of the Ukrainian labor market	8	1
Human development in Ukraine: priorities for the development of rural settlements in the context of management decentralization	2	1
Hydrodynamics and acoustics	65	21
HYDROGEN BASED ENERGY STORAGE: STATUS AND RECENT DEVELOPMENTS	22	6
Identification of thermal processes by solving inverse problems	7	1
Impact: Writing for Business, Technology, and Science	1	1
IMPLEMENTATION OF SELECTIVE LASER MELTING TECHNOLOGY IN UKRAINE	4	1

Individual investors on the stock market of Ukraine: problems and prospects	3	1
Infinitesimal Geometry of Spatial Mappings	1	1
Information extraction and processing	228	74
Information Potential of Cannon Barrels of the XV - Early XIX Centuries	2	1
Information Provision of Diagnostic Systems for Energy Facilities	7	1
Intellectual Property Rights in Research and Development Agreements of Academic Institutions	23	1
INTER PACEM ET BELLUM: POLAND AND TEUTONIC ORDER IN XIII - BEGINNING OF XV.	3	1
Introduction to Probability Theory	2	1
Introduction to the quantum theory of gauge fields	20	1
Journal of Mechanical Engineering	1,119	280
Kibernetika i vyčislitel'naâ tehnika	615	183
Kinematika i fizika nebesnyh tel (Online)	535	190
Kosmična nauka ì tehnologiâ	6,848	2,093
Kraêznavstvo	251	127
Language in semiotic hierarchy of culture	1	1
Language. Information. System	5	1
Large-scale ocean-atmosphere interaction and its impact on global and regional climate variability	1	1
Lenin's System of Power and Property in Occupied Ukraine. 1917–1923	15	1
Lexis and Phraseology of the Ukrainian Official-Business Language in the Dictionaries Published During the 20th – the Beginning of the 21st Centuries	2	1
LIBRARIAN INTERNET SUPPORT: STATE AND PROSPECTS	2	1
Library knowledge portals	4	1
Long-term storage of digital information	5	1
Lyalko Vadym Ivanovich	3	1
Matematychni Metody Ta Fyzyko-Mekhanichni Polya	318	139
Materials Science and Surface Engineering	187	76
Materiali do ukraïns'koï etnologii	42	21

Mathematical modeling of dynamical processes in the sea—land area	3	1
Mathematical Theory of Higher-Order Degenerate Evolution Models	10	1
May the Light of Science Never Die	1	1
Mechanical Seals for Energy Pumps	5	1
Metal and Casting of Ukraine	662	236
METALLOFIZIKA I NOVEISHIE TEKHNOLOGII	4,803	1,197
Metallogy of uranium, thorium and the associated elements in the geological structures of Ukraine	4	1
Metaloznavstvo ta obrobka metaliv	523	179
Meteorology. Hydrology. Environmental monitoring	137	25
Methodological possibilities of isothermal amplification of nucleic acids for the detection of transgenic events	1	1
Methodological recommendations for editors of scientific publishing divisions of academic institutions: experience of the “Akadempriodyka” Publishing House of the NAS of Ukraine	2	1
Methodological recommendations for the registration of a subject in the field of media for periodicals of the National Academy of Sciences of Ukraine	1	1
Methods and means of state control of compression of stator core powerful turbogenerators	2	1
Methods for the solution of systems of nonlinear algebraic equations and functions’ minimization tasks: elements of theory and applications	7	1
Metrology of heat flux measurements	7	1
Microprisms: optical parameters and monitoring	2	1
Mikrobiolohichniy Zhurnal	2,251	543
Mineralogical Journal	907	288
Mining. A Millennium Long Road	5	1
Modern Hydrogen Energetics and Ecology	9	1
MODERN INFORMATION-COMMUNICATION ENVIRONMENT AS A SPACE FOR TRANSFORMATION OF UKRAINIAN NATIONAL IDENTITY.	3	1
Modified Crystal Field Theory and its Applications	13	1
Monazitometry of the Ukrainian Shield (Volyn and Dniester-Bug megablocks)	8	1
Monetary Power in the Modern World: Who will Challenge Dollar?	2	1

Monitoring of sustainable development goals using satellite data	3	1
Moon in the Sky...	2	1
Multi-Photon Microscopy and Optical Recording	3	1
Musical Ekprasis: Content and Form	3	1
Musical Shevchenkiana in the Collections of the V.I. Vernadsky National Library of Ukraine	2	1
Mykola Hryhorovych Zhulynsky	2	1
Myroslav Ivanovych Pavlyuk	2	1
Mižnarodnì zv'ázki Ukraïni: naukovì pošuki ì znaħidki	359	151
Nanochemical, nanostructural and biocolloidal aspects of transformations in dispersions of iron-aluminosilicate minerals	42	1
Nanosistemi, Nanomateriali, Nanotehnologii	1,436	424
Nanostructured layers and coating formed by ion-plasma fluxes in titanium alloys and steels	2	1
National Academy of Sciences of Ukraine in 1991-2021. To the 30th Anniversary of Independence of Ukraine	6	1
NATIONAL INFORMATION PROCESSES UNDER GLOBALISATION	1	1
National Maritime Scientific Interests of Ukraine: from Origins to Prospects	1	1
NATIONAL RESOURCES FOR BIOGRAPHIC AND BIBLIOGRAPHIC INFORMATION: PROBLEMS OF FORMULATING AND USAGE	5	1
Nauka ta innovacii	3,638	824
Nauka ta naukoznavstvo	916	256
Naukovì pracì Nacional'noï biblioteki Ukraïni ìmenì V Ì Vernads'kogo	1,955	707
NEW FUNCTIONAL SUBSTANCES AND MATERIALS FOR CHEMICAL ENGINEERING	29	14
NEWSPAPERS OF NATIONAL COMMUNITIES OF UKRAINE 1988–2004 IN THE FUNDS OF THE V. I. VERNADSKYI NATIONAL LIBRARY OF UKRAINE	2	1
Nuclear Physics and Atomic Energy	2,223	484
Nuclear Project: Past and Present	1	1
Object-oriented identification of stochastic noise signals	11	1
Oleksiy Vasyliovych Pogorelov	1	1
Oncology	472	175

Ontogenesis and phylogeny of animals: nature, evolution, interconnectedness, variation, gist	2	1
Optoelektronika ta napìvprovidnikova tehnika	192	67
Optoèlektronika i poluprovodnikovaâ tehnika	159	48
Oreshchenko A. Analytical materials of the UHMI regarding the undermining of Kakhovka HPP by rf and the dewatering of the Kakhovka Reservoir	1	1
Organic photovoltaic structures	2	1
Paganism in ancient Plisnesk (VII-XII c.)	5	1
Pages of Military History of Ukraine	166	60
Patons: Family Chronicle	2	1
PHENOMENON OF POLITICAL THOUGHT OF RUSSIAN DIASPORA IN CONTEXT OF UKRAINIAN STATE IDENTITY	1	1
PHYSICO-MATHEMATICAL MODELLING AND INFORMATIONAL TECHNOLOGIES	428	167
Physico-technological aspects of degradation of silicon microwave diodes	1	1
Physics and Electrical Diagnostics of Nanoelectronic Silicon-On-Insulator Structures and Devices	5	1
Polarimetric remote sensing of Solar System objects	20	1
Polyfunctional highly selective sorption materials for water purification from radionuclides and other inorganic ecotoxicants	5	1
Polymer journal	1,196	309
Popular Astronomy	3	1
Population of Ukraine. Demographic situation during the first thirty years of independence	3	1
Praci Institutu elektrodinamiki Nacionalnoï akademii nauk Ukraini	1,492	346
Prediction of the residual lifetime of oil and gas pipeline pipes, taking into account the operating conditions and degradation of their materials	1	1
Preislamic Near East: History, Religion, Culture.	25	11
Printing House of the Berdychiv Monastery of the Discalced Carmelites: History and Publishing. 1758-1844	2	1
PROBLEMS IN PROGRAMMING	1,428	383
Problems of Cryobiology and Cryomedicine	2,168	604

Proceedings of the 6th Orlov Conference «The study of the Earth as a planet by methods of geophysics, geodesy and astronomy»	2	1
Proceedings of the National Museum of Natural History	123	31
Proceedings of the Theriological School	465	132
Proceedings of the XXVII Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management	135	24
Proceedings of the IX scientific and practical conference of young scientists of Ukraine “Metal materials, their production and prospects of application the modern industry”	10	2
Prodromus of Spore Plants of Ukraine: Algae. Book 1.	8	1
Professional art education. Instructional aspects.	5	1
Prykladni Problemy Mekhaniky i Matematyky	208	90
Radio physics and radio astronomy	1,233	297
RADIOFIZIKA I ELEKTRONIKA	738	269
Radiohydrogeochemistry of catchment areas of the Chernobyl Exclusion zone	3	1
Radionuclide Anomaly	3	1
Reconfigurable signature-based information security tools of computer systems	6	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	6,237	1,676
Resonant and polarization effects in the processes of quantum electrodynamics in a strong magnetic field	5	1
Rukopisna ta knižkova spadšina Ukraïni	1,023	356
Ruscism: Beast from the Abyss	8	1
Satellite monitoring of fires and air pollution	7	1
SATIRE OF GALICIA AS A PHENOMENON OF GRAPHIC ART AT THE 2ND HALF OF XIX TO EARLY XX CC. AND EVOLVEMENT OF ITS ARTISTIC IMAGINATIVE SYSTEM AND REFLECTIONS OF THE “CULTURE OF LAUGHTER”	8	1
Science and innovation	2,737	572
Science in a socially turbulent space	2	1
Science of Ukraine in the Global Information Space	53	12
Science of Ukraine in the Global Information Space	37	10

Science of Ukraine in the Global Information Space	3	1
Science Ukraine in the Global Information Space	11	7
Science Ukraine in the Global Information Space	46	14
Science Ukraine in the Global Information Space. Issue 17	27	8
Scientist, Organizer, Teacher: Collection of Memories about G.V. Samsonov	2	1
Sealing systems and dynamics of centrifugal machines	3	1
Secondary Radioactive Contamination of the Atmosphere in Intermediate and Late Phases of a Nuclear Emergency	3	1
Selective sorption of heavy metals and radionuclides by natural and modified layered silicates	12	1
Semiconductor Physics, Quantum Electronics and Optoelectronics	7,833	1,950
Sergiy Ivanovych Pyrozhkov. Biobibliography Scientists of Ukraine	1	1
Shapes of Bread in the Maternal Concept in the Traditional Culture of the Central and Southern Regions of Italy	1	1
SHAPING OF STRATEGIC NARRATIVE FOR INFORMATION SUPPORT OF THE RE-INTEGRATION OF THE TEMPORARILY OCCUPIED TERRITORY INTO COMMON UKRAINIAN CONTEXT	2	1
Shidnoevropejskij zurnal vnutrisnoi ta simejnoi medicini	1,224	383
Slov'âns'kij svît	23	15
Sociology: Theory, Methods, Marketing	673	190
Space research in Ukraine. 2022—2024	15	1
Stepan Yevstakhiiovych Sapeliak - poet, literary critic, public figure (1952-2012)	3	1
Strategy for Artificial Intelligence Development in Ukraine	29	1
Stress-corrosion cracking of the steels of main gas pipeline: assessment and prevention	1	1
Structure and geodynamics of the lithosphere of the oil and gas-bearing and ore regions of Ukraine according to the latest geological and geophysical data	6	1
Superhard Materials: A Guide for Curious	1	1
SURFACE	587	154
Sustainment and development of Ukraine in conditions of war and peace: national report	4	1
Synthesis of secondary metabolites in vitro	1	1

System Research in Energy	561	76
Technical mechanics	1,015	331
Tekhnichna Elektrodynamika	4,312	734
Terminological dictionary of welding and related technologies	4	1
The accumulative pension system in Ukraine: socio-economic dimension and protection of pension savings	7	1
The Animal Biology	1,515	433
The attribution and expertise of book monuments: based on the V.I. Vernadsky National Library of Ukraine Institute of Book Science experience	47	18
The drama of the personality is the drama of the nation (Traditional and new in Ukrainian classical dramaturgy. Ideas. Genres)	1	1
The Era of "isms": Modernism and Avantgarde in Western European Literature of the First Half of the XX Century	1	1
The Ethnology Notebooks	1,916	781
The Idea of Public: Political Philosophy in Ukraine in the XIX Century	2	1
The Main Astronomical Observatory of the National Academy of Sciences of Ukraine: from the Idea of the Foundation to the International Recognition	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	1	1
The National Academy of Sciences of Ukraine. The 100th Anniversary of Its Foundation	9	1
The Oriental Studies	847	308
The path from primitiveness to civilization. Ukrainian garments of the Middle Ages	7	1
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	11	1
The Principles of Chemistry of Heterocyclic Compounds	2	1
The Problems of General Energy	1,436	226
The Ukrainian Biochemical Journal	5,618	897

The weighted error estimates of the functional-discrete methods for solving boundary value problems	4	1
The World of the Orient	1,909	537
The XIX International Scientific and Practical Conference	9	2
The XX International Scientific and Practical Anniversary Conference	10	2
Theory of exotic states in quantum Fermi and Bose systems	3	1
Theory of integrals computing from fast oscillating functions	8	1
Thermobarogeochemist Dmytro Kostyantynovych Voznyak	23	1
Thermostable Nanoporous Polycyanurates	5	1
Tool materials: from the natural stone to the artificial diamonds	3	1
Tumor hypoxia in the clinical setting	7	1
Turbomachinery element vibrations considering structural imperfections and energy dissipation	11	1
Ukraina Lithuanica. Studii z istorii Velikogo knâzïvstva Litovs'kogo	242	103
Ukraine and the Challenges of Post-Totalitarian Transit (1990-2019)	3	1
Ukraine and Ukrainians in the Post-Imperial Era (1917-1939)	5	1
Ukraine in the 19th century: populace and empires	14	1
Ukraine in the Epicenter of the Confrontation of World Systems (1939-1990)	3	1
Ukraine in the XIX century: the age of modernization	9	1
Ukraine: Seeking Its Identity. The 16th – Early 17th Centuries	8	1
Ukrainian Botanical Journal	3,039	687
Ukrainian early (pre-1850) historical weather observations	14	1
Ukrainian film posters of 1947-1994 from the collections of the V.I. Vernadsky National Library of Ukraine	1	1
Ukrainian Geographical Journal	1,635	385
Ukrainian gridded monthly air temperature (min, max, mean) and atmospheric precipitation data (1946-2020)	10	1
UKRAINIAN IN 2222: INTRODUCTION TO LINGUOFUTUROLOGY	18	1
Ukrainian Journal of Physics	7,418	1,827
Ukrainian Nomenclature of Minerals	2	1
Ukrainian Society	3,203	1,068

Ukrainica Bioorganica Acta	183	61
Ukrainska mova	882	280
Ukraïns'kij ïstoričnij žurnal	1,532	545
Ukraïns'ka biografistika	542	221
Upravlâûšie sistemy i mašiny	552	181
Urban wedding rituals of Ukrainians: transformations and trends of modern development (second half of the 20th – beginning of the 21st century)	2	1
Uspehi Fiziki Metallov	2,797	337
Uspihi materialoznavstva	205	71
V. I. Vernadskyi and Ukraine: activity, environment, connections, memory	3	1
V.E. Lashkaryov Institute of Semiconductor Physics / 1960—2020.	5	1
V.I. Vernadsky. The span of life and thought	3	1
Vestnik Zoologii	1,534	344
Visnik Nacional'noi' akademii' nauk Ukraïni	2,968	831
Visual Code of Realism in Ivan Nechuy-Levytskyi	3	1
Vitaliy G. Donchyk. Biobibliography Scientists of Ukraine	1	1
Vitamins in Human Health	1	1
Volodymyr Zinovievych Turkevych	1	1
Wear-resistant protective coating	1	1
Will to Identity. State Building and the Strategies of Legitimation	2	1
Woman and Science in Ukraine. To the 25 th anniversary of the NGO “Women in Science”	1	1
World of plants of Ukraine in aspect of the climate change	7	1
Z arhiviv VUČK, GPU, NKVD, KGB	216	102
zoodiversity	1,115	246
Zurnal Hromatograficnogo tovaristva	114	30
Zurnal matematiceskoj fiziki, analiza, geometrii	1,285	260
Èlektronnoe modelirovanie	1,520	429
Ìstoriâ narodnogo gospodarstva ta ekonomičnoi' dumki Ukraïni	445	143

“A deep source of memory”: Vasyl Stus and the rethinking of Russian literature	7	1
“Branta”: Transactions of the Azov-Black Sea Ornithological Station	105	37
“Orientalist paradigm” in the study of Oriental philosophical traditions: XIX – first half of XX century	9	1

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.