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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mixed Oxides NiO/ZnO/Al ₂ O ₃ Synthesized in a Single Step via Ultrasonic Spray Pyrolysis (USP) Method. <i>Metals</i> , 2022, 12, 73.	2.3	8
2	Characterization of Defined Pt Particles Prepared by Ultrasonic Spray Pyrolysis for One-Step Synthesis of Supported ORR Composite Catalysts. <i>Metals</i> , 2022, 12, 290.	2.3	6
3	Electrochemical Investigation of Lateritic Ore Leaching Solutions for Ni and Co Ions Extraction. <i>Metals</i> , 2022, 12, 325.	2.3	1
4	Advances in Understanding of Unit Operations in Non-Ferrous Extractive Metallurgy 2021. <i>Metals</i> , 2022, 12, 554.	2.3	0
5	Spray-Pyrolytic Tunable Structures of Mn Oxides-Based Composites for Electrocatalytic Activity Improvement in Oxygen Reduction. <i>Metals</i> , 2022, 12, 22.	2.3	5
6	Options for Hydrometallurgical Treatment of Ni-Co Lateritic Ores for Sustainable Supply of Nickel and Cobalt for European Battery Industry from South-Eastern Europe and Turkey. <i>Metals</i> , 2022, 12, 807.	2.3	3
7	Rare-Earth/Manganese Oxide-Based Composites Materials for Electrochemical Oxygen Reduction Reaction. <i>Catalysts</i> , 2022, 12, 641.	3.5	0
8	Carbonation of minerals and slags under high pressure in an autoclave. <i>Military Technical Courier</i> , 2021, 69, 486-498.	0.7	1
9	Synthesis of Silica Particles Using Ultrasonic Spray Pyrolysis Method. <i>Metals</i> , 2021, 11, 463.	2.3	9
10	NdFeB Magnets Recycling Process: An Alternative Method to Produce Mixed Rare Earth Oxide from Scrap NdFeB Magnets. <i>Metals</i> , 2021, 11, 716.	2.3	29
11	Synergism Red Mud-Acid Mine Drainage as a Sustainable Solution for Neutralizing and Immobilizing Hazardous Elements. <i>Metals</i> , 2021, 11, 620.	2.3	6
12	The roles of constituting oxides in rare-earth cobaltite-based perovskites on their pseudocapacitive behavior. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115556.	3.8	4
13	One Step Production of Silver-Copper (AgCu) Nanoparticles. <i>Metals</i> , 2021, 11, 1466.	2.3	11
14	A cleaner approach for recovering Al and Ti from coal fly ash via microwave-assisted baking, leaching, and precipitation. <i>Hydrometallurgy</i> , 2021, 206, 105754.	4.3	18
15	Structural and Electrochemical Properties of Nesting and Core/Shell Pt/TiO ₂ Spherical Particles Synthesized by Ultrasonic Spray Pyrolysis. <i>Metals</i> , 2020, 10, 11.	2.3	14
16	Electrochemical Deposition of Al-Ti Alloys from Equimolar AlCl ₃ + NaCl Containing Electrochemically Dissolved Titanium. <i>Metals</i> , 2020, 10, 88.	2.3	3
17	Basic Sulfate Precipitation of Zirconium from Sulfuric Acid Leach Solution. <i>Metals</i> , 2020, 10, 1099.	2.3	17
18	Effectiveness of Fly Ash and Red Mud as Strategies for Sustainable Acid Mine Drainage Management. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 707.	2.0	16

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19	Advances in Thermochemical Synthesis and Characterization of the Prepared Copper/Alumina Nanocomposites. <i>Metals</i> , 2020, 10, 719.	2.3	5
20	Recovery of Diamond and Cobalt Powder from Polycrystalline Drawing Die Blanks via Ultrasound-Assisted Leaching Processâ€”Part 1: Process Design and Efficiencies. <i>Metals</i> , 2020, 10, 731.	2.3	1
21	Recovery of Diamond and Cobalt Powders from Polycrystalline Drawing Die Blanks via Ultrasound Assisted Leaching Processâ€”Part 2: Kinetics and Mechanisms. <i>Metals</i> , 2020, 10, 741.	2.3	2
22	Mechanism of Nickel, Magnesium, and Iron Recovery from Olivine Bearing Ore during Leaching with Hydrochloric Acid Including a Carbonation Pre-Treatment. <i>Metals</i> , 2020, 10, 811.	2.3	6
23	Mineral Processing and Metallurgical Treatment of Lead Vanadate Ores. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 197.	2.0	18
24	Application of the Flotation Tailings as an Alternative Material for an Acid Mine Drainage Remediation: A Case Study of the Extremely Acidic Lake Robule (Serbia). <i>Metals</i> , 2020, 10, 16.	2.3	10
25	New Proposal for Size and Size-Distribution Evaluation of Nanoparticles Synthesized via Ultrasonic Spray Pyrolysis Using Search Algorithm Based on Image-Processing Technique. <i>Materials</i> , 2020, 13, 38.	2.9	22
26	Valorization of Rare Earth Elements from a Steenstrupine Concentrate Via a Combined Hydrometallurgical and Pyrometallurgical Method. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 248.	2.0	10
27	Review of the past, present, and future of the hydrometallurgical production of nickel and cobalt from lateritic ores. <i>Metallurgical and Materials Engineering</i> , 2020, 26, 199-208.	0.5	19
28	Deposition of silica in hydrometallurgical processes. <i>Military Technical Courier</i> , 2020, 68, 65-78.	0.7	3
29	Advance in ultrasonic spray pyrolysis (USP) for the synthesis of gold nanoparticles. <i>Military Technical Courier</i> , 2020, 68, 877-894.	0.7	0
30	Recovery of cobalt from primary and secondary materials: An overview. <i>Military Technical Courier</i> , 2020, 68, 321-337.	0.7	1
31	Synthesis of Nanosilica via Olivine Mineral Carbonation under High Pressure in an Autoclave. <i>Metals</i> , 2019, 9, 708.	2.3	28
32	Hydrometallurgical Treatment of an Eudialyte Concentrate for Preparation of Rare Earth Carbonate. <i>Johnson Matthey Technology Review</i> , 2019, 63, 2-13.	1.0	19
33	Interactive promotion of supercapacitance of rare earth/CoO ₃ -based spray pyrolytic perovskite microspheres hosting the hydrothermal ruthenium oxide. <i>Electrochimica Acta</i> , 2019, 321, 134721.	5.2	4
34	Selective recovery and separation of Zr and Hf from sulfuric acid leach solution using anion exchange resin. <i>Hydrometallurgy</i> , 2019, 189, 105143.	4.3	10
35	Kinetic Investigation and Dissolution Behavior of Cyanide Alternative Gold Leaching Reagents. <i>Scientific Reports</i> , 2019, 9, 7191.	3.3	52
36	Selective silica gel free scandium extraction from Iron-depleted red mud slags by dry digestion. <i>Hydrometallurgy</i> , 2019, 185, 266-272.	4.3	33

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37	Synthesis of Poly-Alumino-Ferric Sulphate Coagulant from Acid Mine Drainage by Precipitation. <i>Metals</i> , 2019, 9, 1166.	2.3	14
38	Mixed RuO ₂ /TiO ₂ uniform microspheres synthesized by low-temperature ultrasonic spray pyrolysis and their advanced electrochemical performances. <i>Applied Surface Science</i> , 2019, 464, 1-9.	6.1	15
39	Leaching of rare earth elements from bastnasite ore (third part). <i>Military Technical Courier</i> , 2019, 67, 561-572.	0.7	4
40	Leaching of rare earth elements from bastnasite ore: Second part. <i>Military Technical Courier</i> , 2019, 67, 241-254.	0.7	2
41	Novel Approach for Enhanced Scandium and Titanium Leaching Efficiency from Bauxite Residue with Suppressed Silica Gel Formation. <i>Scientific Reports</i> , 2018, 8, 5676.	3.3	81
42	Scandium Recovery from an Ammonium Fluoride Strip Liquor by Anti-Solvent Crystallization. <i>Metals</i> , 2018, 8, 767.	2.3	20
43	Preparation of Vanadium Oxides from a Vanadium (IV) Strip Liquor Extracted from Vanadium-Bearing Shale Using an Eco-Friendly Method. <i>Metals</i> , 2018, 8, 994.	2.3	13
44	Synthesis of Magnesium Carbonate via Carbonation under High Pressure in an Autoclave. <i>Metals</i> , 2018, 8, 993.	2.3	32
45	Structure-Activity/Stability Correlations from the Electrochemical Dynamic Responses of Titanium Anode Coatings Formed of Ordered TiO ₂ @RuO ₂ Microspheres. <i>Journal of the Electrochemical Society</i> , 2018, 165, J3363-J3370.	2.9	0
46	Recovery of Zr, Hf, Nb from eudialyte residue by sulfuric acid dry digestion and water leaching with H ₂ O ₂ as a promoter. <i>Hydrometallurgy</i> , 2018, 181, 206-214.	4.3	23
47	Neural Network Modeling for the Extraction of Rare Earth Elements from Eudialyte Concentrate by Dry Digestion and Leaching. <i>Metals</i> , 2018, 8, 267.	2.3	25
48	Leaching of rare earth elements with sulfuric acid from bastnasite ores. <i>Military Technical Courier</i> , 2018, 66, 757-770.	0.7	2
49	Recovery of Yttrium Oxide from Titanium-Aluminium based wastes. <i>Journal of Engineering & Processing Management</i> , 2018, 10, .	0.1	1
50	Leaching of rare earth elements from eudialyte concentrate by suppressing silica gel formation. <i>Minerals Engineering</i> , 2017, 108, 115-122.	4.3	63
51	Selectivity potential of ionic liquids for metal extraction from slags containing rare earth elements. <i>Hydrometallurgy</i> , 2017, 169, 59-67.	4.3	23
52	A continuous process for the ultrasonic spray pyrolysis synthesis of RuO ₂ /TiO ₂ particles and their application as a coating of activated titanium anode. <i>Advanced Powder Technology</i> , 2017, 28, 43-49.	4.1	19
53	Concentration and Separation of Scandium from Ni Laterite Ore Processing Streams. <i>Metals</i> , 2017, 7, 557.	2.3	29
54	A Mineralogical Assessment on Residues after Acidic Leaching of Bauxite Residue (Red Mud) for Titanium Recovery. <i>Metals</i> , 2017, 7, 458.	2.3	37

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55	A Review on Alternative Gold Recovery Re-agents to Cyanide. Journal of Materials Science and Chemical Engineering, 2016, 04, 8-17.	0.4	25
56	Kinetics of yttrium dissolution from waste ceramic dust. Military Technical Courier, 2016, 64, 383-395.	0.7	2
57	Electrodeposition, characterization and corrosion investigations of galvanic tin-zinc layers from pyrophosphate baths. Military Technical Courier, 2016, 64, 649-669.	0.7	0
58	Hydrometallurgical processing of nickel lateritic ores. Military Technical Courier, 2016, 64, 1033-1047.	0.7	11
59	Role of hydrometallurgy and nanotechnology in environmental protection. Materials Protection, 2016, 57, 128-135.	0.9	0
60	7th European metallurgical conference EMC2013. Military Technical Courier, 2014, 62, 212-220.	0.7	1
61	Use of ionic liquid in leaching process of brass wastes for copper and zinc recovery. International Journal of Minerals, Metallurgy and Materials, 2014, 21, 138-143.	4.9	35
62	Kinetic modeling of thermal decomposition of zinc ferrite from neutral leach residues based on stochastic geometric model. Journal of Magnetism and Magnetic Materials, 2014, 358-359, 105-118.	2.3	12
63	Kinetic Analysis of Isothermal Decomposition Process of Zinc Leach Residue in an Inert Atmosphere. The Estimation of the Apparent Activation Energy Distribution. Mineral Processing and Extractive Metallurgy Review, 2014, 35, 239-256.	5.0	5
64	Kinetic Statistical Approach in a Detailed Study of the Mechanism of Thermal Decomposition of Zinc Iron-Intermetallic Phase. Transactions of the Indian Institute of Metals, 2014, 67, 629-650.	1.5	1
65	Kinetic and thermodynamic investigations of non-isothermal decomposition process of a commercial silver nitrate in an argon atmosphere used as the precursors for ultrasonic spray pyrolysis (USP): The mechanistic approach. Chemical Engineering and Processing: Process Intensification, 2014, 82, 71-87.	3.6	20
66	Synthesis of TiO ₂ core/RuO ₂ shell particles using multistep ultrasonic spray pyrolysis. Materials Research Bulletin, 2013, 48, 3633-3635.	5.2	21
67	Scientific diaspora as a driving force for development in Serbia. Military Technical Courier, 2013, 61, 70-79.	0.7	1
68	Critical materials in the 21 century. Military Technical Courier, 2013, 61, 89-100.	0.7	0
69	Synthesis of nanosized metallic particles from an aerosol. Military Technical Courier, 2013, 61, 99-112.	0.7	0
70	Cytotoxicity of Gold Nanoparticles Prepared by Ultrasonic Spray Pyrolysis. Journal of Biomaterials Applications, 2012, 26, 595-612.	2.4	27
71	Immunomodulatory Properties of Nanoparticles Obtained by Ultrasonic Spray Pyrolysis from Gold Scrap. Journal of Biomedical Nanotechnology, 2012, 8, 528-538.	1.1	16
72	Designing of Copper Nanoparticle Size Formed via Aerosol Pyrolysis. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 4427-4435.	2.2	2

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73	The application of the formalism of dispersive kinetics for investigation of the isothermal decomposition of zinc leach residue in an inert atmosphere. <i>Thermochimica Acta</i> , 2012, 546, 102-112.	2.7	4
74	Computer modeling of high-pressure leaching process of nickel laterite by design of experiments and neural networks. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2012, 19, 584-594.	4.9	16
75	Immunomodulatory properties of nanoparticles obtained by ultrasonic spray pyrolysis from gold scrap. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 528-38.	1.1	4
76	Pressure hydrometallurgy: A new chance to non-polluting processes. <i>Military Technical Courier</i> , 2011, 59, 29-44.	0.7	2
77	The 6th European metallurgical conference EMC 2011: Proceedings review. <i>Military Technical Courier</i> , 2011, 59, 282-293.	0.7	0
78	Nanocrystalline spherical iron-nickel (Fe-Ni) alloy particles prepared by ultrasonic spray pyrolysis and hydrogen reduction (USP-HR). <i>Journal of Alloys and Compounds</i> , 2009, 480, 529-533.	5.5	60
79	Synthesis of nano-crystalline spherical cobalt-iron (Co-Fe) alloy particles by ultrasonic spray pyrolysis and hydrogen reduction. <i>Journal of Alloys and Compounds</i> , 2009, 481, 600-604.	5.5	37
80	Selective removal of heavy metals from metal-bearing wastewater in a cascade line reactor. <i>Environmental Science and Pollution Research</i> , 2007, 14, 518-522.	5.3	27
81	Feasibility assessment of electrocoagulation towards a new sustainable wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2007, 14, 477-482.	5.3	51
82	Synthesis of nanosized spherical cobalt powder by ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2006, 41, 1882-1890.	5.2	63
83	Atmospheric leaching of EAF dust with diluted sulphuric acid. <i>Hydrometallurgy</i> , 2005, 77, 41-50.	4.3	118
84	Chlorination of nickel ore by gaseous chlorine in the presence of active additives. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2003, 39, 427-441.	0.8	1
85	Study of chlorination of nickel ferrite by gaseous chlorine and calcium chloride in the presence of active additives. <i>Scandinavian Journal of Metallurgy</i> , 2000, 29, 1-8.	0.3	3
86	Study of chlorination of nickel silicate by gaseous chlorine and calcium chloride in the presence of active additives. <i>Scandinavian Journal of Metallurgy</i> , 2000, 29, 9-16.	0.3	4
87	Influence of additives on the properties of spherical nickel particles prepared by ultrasonic spray pyrolysis. <i>Journal of Materials Research</i> , 1999, 14, 3059-3065.	2.6	28
88	Influence of hydrogen spillover effect on the properties of Ni particles prepared by ultrasonic spray pyrolysis. <i>Studies in Surface Science and Catalysis</i> , 1997, , 103-110.	1.5	5
89	Effect of Pd, Cu, and Ni additions on the kinetics of NiCl ₂ reduction by hydrogen. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1997, 28, 1241-1248.	2.1	6
90	Kinetics of hydrogen absorption by nickel powder with added palladium, copper, and nickel from nickel-chloride reduction by hydrogen. <i>International Journal of Hydrogen Energy</i> , 1997, 22, 661-667.	7.1	4

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91	Structural and morphological transformations during NiO and Ni particles generation from chloride precursor by ultrasonic spray pyrolysis. <i>Materials Letters</i> , 1995, 24, 369-376.	2.6	25
92	Nanoscale Particles Enhanced Gold Plating. <i>Advanced Materials Research</i> , 0, 320, 210-215.	0.3	2