

# SreÄko R StopiÄ

## List of Publications by Year in descending order

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92  
papers

1,436  
citations

304743

22  
h-index

377865

34  
g-index

93  
all docs

93  
docs citations

93  
times ranked

1332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric leaching of EAF dust with diluted sulphuric acid. <i>Hydrometallurgy</i> , 2005, 77, 41-50.	4.3	118
2	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
3	Synthesis of nanosized spherical cobalt powder by ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2006, 41, 1882-1890.	5.2	63
4	Leaching of rare earth elements from eudialyte concentrate by suppressing silica gel formation. <i>Minerals Engineering</i> , 2017, 108, 115-122.	4.3	63
5	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
6	Kinetic Investigation and Dissolution Behavior of Cyanide Alternative Gold Leaching Reagents. <i>Scientific Reports</i> , 2019, 9, 7191.	3.3	52
7	Feasibility assessment of electrocoagulation towards a new sustainable wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2007, 14, 477-482.	5.3	51
8	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
9	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
10	Use of ionic liquid in leaching process of brass wastes for copper and zinc recovery. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2014, 21, 138-143.	4.9	35
11	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
12	Synthesis of Magnesium Carbonate via Carbonation under High Pressure in an Autoclave. <i>Metals</i> , 2018, 8, 993.	2.3	32
13	Concentration and Separation of Scandium from Ni Laterite Ore Processing Streams. <i>Metals</i> , 2017, 7, 557.	2.3	29
14	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
15	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
16	Synthesis of Nanosilica via Olivine Mineral Carbonation under High Pressure in an Autoclave. <i>Metals</i> , 2019, 9, 708.	2.3	28
17	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
18	Cytotoxicity of Gold Nanoparticles Prepared by Ultrasonic Spray Pyrolysis. <i>Journal of Biomaterials Applications</i> , 2012, 26, 595-612.	2.4	27

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19	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
20	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
21	A Review on Alternative Gold Recovery Re-agents to Cyanide. <i>Journal of Materials Science and Chemical Engineering</i> , 2016, 04, 8-17.	0.4	25
22	Selectivity potential of ionic liquids for metal extraction from slags containing rare earth elements. <i>Hydrometallurgy</i> , 2017, 169, 59-67.	4.3	23
23	Recovery of Zr, Hf, Nb from eudialyte residue by sulfuric acid dry digestion and water leaching with H <sub>2</sub> O <sub>2</sub> as a promoter. <i>Hydrometallurgy</i> , 2018, 181, 206-214.	4.3	23
24	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
25	Synthesis of TiO <sub>2</sub> core/RuO <sub>2</sub> shell particles using multistep ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2013, 48, 3633-3635.	5.2	21
26	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. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 82, 71-87.	3.6	20
27	Scandium Recovery from an Ammonium Fluoride Strip Liquor by Anti-Solvent Crystallization. <i>Metals</i> , 2018, 8, 767.	2.3	20
28	A continuous process for the ultrasonic spray pyrolysis synthesis of RuO <sub>2</sub> /TiO <sub>2</sub> particles and their application as a coating of activated titanium anode. <i>Advanced Powder Technology</i> , 2017, 28, 43-49.	4.1	19
29	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
30	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
31	Mineral Processing and Metallurgical Treatment of Lead Vanadate Ores. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 197.	2.0	18
32	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
33	Basic Sulfate Precipitation of Zirconium from Sulfuric Acid Leach Solution. <i>Metals</i> , 2020, 10, 1099.	2.3	17
34	Immunomodulatory Properties of Nanoparticles Obtained by Ultrasonic Spray Pyrolysis from Gold Scrap. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 528-538.	1.1	16
35	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
36	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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37	Mixed RuO <sub>2</sub> /TiO <sub>2</sub> 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
38	Synthesis of Poly-Alumino-Ferric Sulphate Coagulant from Acid Mine Drainage by Precipitation. <i>Metals</i> , 2019, 9, 1166.	2.3	14
39	Structural and Electrochemical Properties of Nesting and Core/Shell Pt/TiO <sub>2</sub> Spherical Particles Synthesized by Ultrasonic Spray Pyrolysis. <i>Metals</i> , 2020, 10, 11.	2.3	14
40	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
41	Kinetic modeling of thermal decomposition of zinc ferrite from neutral leach residues based on stochastic geometric model. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 358-359, 105-118.	2.3	12
42	One Step Production of Silver-Copper (AgCu) Nanoparticles. <i>Metals</i> , 2021, 11, 1466.	2.3	11
43	Hydrometallurgical processing of nickel lateritic ores. <i>Military Technical Courier</i> , 2016, 64, 1033-1047.	0.7	11
44	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
45	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
46	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
47	Synthesis of Silica Particles Using Ultrasonic Spray Pyrolysis Method. <i>Metals</i> , 2021, 11, 463.	2.3	9
48	Mixed Oxides NiO/ZnO/Al <sub>2</sub> O <sub>3</sub> Synthesized in a Single Step via Ultrasonic Spray Pyrolysis (USP) Method. <i>Metals</i> , 2022, 12, 73.	2.3	8
49	Effect of Pd, Cu, and Ni additions on the kinetics of NiCl <sub>2</sub> reduction by hydrogen. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 1997, 28, 1241-1248.	2.1	6
50	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
51	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
52	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
53	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
54	Kinetic Analysis of Isothermal Decomposition Process of Zinc Leach Residue in an Inert Atmosphere. The Estimation of the Apparent Activation Energy Distribution. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2014, 35, 239-256.	5.0	5

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55	Advances in Thermochemical Synthesis and Characterization of the Prepared Copper/Alumina Nanocomposites. <i>Metals</i> , 2020, 10, 719.	2.3	5
56	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
57	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
58	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
59	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
60	Interactive promotion of supercapacitance of rare earth/CoO <sub>3</sub> -based spray pyrolytic perovskite microspheres hosting the hydrothermal ruthenium oxide. <i>Electrochimica Acta</i> , 2019, 321, 134721.	5.2	4
61	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
62	Leaching of rare earth elements from bastnasite ore (third part). <i>Military Technical Courier</i> , 2019, 67, 561-572.	0.7	4
63	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
64	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
65	Electrochemical Deposition of Al-Ti Alloys from Equimolar AlCl <sub>3</sub> + NaCl Containing Electrochemically Dissolved Titanium. <i>Metals</i> , 2020, 10, 88.	2.3	3
66	Deposition of silica in hydrometallurgical processes. <i>Military Technical Courier</i> , 2020, 68, 65-78.	0.7	3
67	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
68	Nanoscale Particles Enhanced Gold Plating. <i>Advanced Materials Research</i> , 0, 320, 210-215.	0.3	2
69	Designing of Copper Nanoparticle Size Formed via Aerosol Pyrolysis. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 4427-4435.	2.2	2
70	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
71	Pressure hydrometallurgy: A new chance to non-polluting processes. <i>Military Technical Courier</i> , 2011, 59, 29-44.	0.7	2
72	Kinetics of yttrium dissolution from waste ceramic dust. <i>Military Technical Courier</i> , 2016, 64, 383-395.	0.7	2

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73	Leaching of rare earth elements with sulfuric acid from bastnasite ores. Military Technical Courier, 2018, 66, 757-770.	0.7	2
74	Leaching of rare earth elements from bastnasite ore: Second part. Military Technical Courier, 2019, 67, 241-254.	0.7	2
75	Scientific diaspora as a driving force for development in Serbia. Military Technical Courier, 2013, 61, 70-79.	0.7	1
76	7th European metallurgical conference EMC2013. Military Technical Courier, 2014, 62, 212-220.	0.7	1
77	Kineticâ€Statistical Approach in a Detailed Study of the Mechanism of Thermal Decomposition of Zincâ€Iron-Intermetallic Phase. Transactions of the Indian Institute of Metals, 2014, 67, 629-650.	1.5	1
78	Recovery of Diamond and Cobalt Powder from Polycrystalline Drawing Die Blanks via Ultrasound-Assisted Leaching Processâ€Part 1: Process Design and Efficiencies. Metals, 2020, 10, 731.	2.3	1
79	Carbonation of minerals and slags under high pressure in an autoclave. Military Technical Courier, 2021, 69, 486-498.	0.7	1
80	Chlorination of nickel ore by gaseous chlorine in the presence of active additives. Journal of Mining and Metallurgy, Section B: Metallurgy, 2003, 39, 427-441.	0.8	1
81	Recovery of Yttrium Oxide from Titanium-Aluminium based wastes. Journal of Engineering & Processing Management, 2018, 10, .	0.1	1
82	Recovery of cobalt from primary and secondary materials: An overview. Military Technical Courier, 2020, 68, 321-337.	0.7	1
83	Electrochemical Investigation of Lateritic Ore Leaching Solutions for Ni and Co Ions Extraction. Metals, 2022, 12, 325.	2.3	1
84	Critical materials in the 21 century. Military Technical Courier, 2013, 61, 89-100.	0.7	0
85	Synthesis of nanosized metallic particles from an aerosol. Military Technical Courier, 2013, 61, 99-112.	0.7	0
86	Structureâ€Activity/Stability Correlations from the Electrochemical Dynamic Responses of Titanium Anode Coatings Formed of Ordered TiO2@RuO2Microspheres. Journal of the Electrochemical Society, 2018, 165, J3363-J3370.	2.9	0
87	The 6th European metallurgical conference EMC 2011: Proceedings review. Military Technical Courier, 2011, 59, 282-293.	0.7	0
88	Electrodeposition, characterization and corrosion investigations of galvanic tin-zinc layers from pyrophosphate baths. Military Technical Courier, 2016, 64, 649-669.	0.7	0
89	Role of hydrometallurgy and nanotechnology in environmental protection. Materials Protection, 2016, 57, 128-135.	0.9	0
90	Advance in ultrasonic spray pyrolysis (USP) for the synthesis of gold nanoparticles. Military Technical Courier, 2020, 68, 877-894.	0.7	0

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91	Advances in Understanding of Unit Operations in Non-Ferrous Extractive Metallurgy 2021. Metals, 2022, 12, 554.	2.3	0
92	Rare-Earth/Manganese Oxide-Based Composites Materials for Electrochemical Oxygen Reduction Reaction. Catalysts, 2022, 12, 641.	3.5	0