

# Branislav MarkoviÄ

## List of Publications by Year in descending order

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38  
papers

378  
citations

1040056

9  
h-index

794594

19  
g-index

38  
all docs

38  
docs citations

38  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of chalcopyrite leaching by sodium nitrate in sulphuric acid. <i>Hydrometallurgy</i> , 2009, 95, 273-279.	4.3	153
2	Nickel hydrogenation catalyst for tallow hydrogenation and for the selective hydrogenation of sunflower seed oil and soybean oil. <i>Catalysis Today</i> , 1998, 43, 21-28.	4.4	47
3	Kinetics of Chalcopyrite Leaching by Hydrogen Peroxide in Sulfuric Acid. <i>Metals</i> , 2019, 9, 1173.	2.3	32
4	Kinetics and mechanism of sphalerite leaching by sodium nitrate in sulphuric acid solution. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2012, 48, 185-195.	0.8	20
5	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
6	Experimental study and thermodynamic remodeling of the Biâ€Cuâ€Ni system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2010, 34, 294-300.	1.6	14
7	Acid leaching of oxide-sulphide copper ore prior the flotation: A way for an increased metal recovery. <i>Hemijaska Industrija</i> , 2015, 69, 453-458.	0.7	13
8	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
9	Passivation of chalcopyrite during the leaching with sulphuric acid solution in presence of sodium nitrate. <i>Hemijaska Industrija</i> , 2010, 64, 343-350.	0.7	10
10	Kinetics of NiO and NiCl <sub>2</sub> ·2H <sub>2</sub> O Hydrogen Reduction as Precursors and Properties of Produced Ni/Al <sub>2</sub> O <sub>3</sub> and Ni-Pd/Al <sub>2</sub> O <sub>3</sub> Catalysts. <i>Scientific World Journal, The</i> , 2015, 2015, 1-9.	2.1	7
11	Investigation of the optimal technology for copper leaching from old flotation tailings of the copper mine bor (Serbia). <i>Metallurgical and Materials Engineering</i> , 2020, 26, 209-222.	0.5	7
12	Thermal Decomposition and Kinetics of Pentlandite-Bearing Ore Oxidation in the Air Atmosphere. <i>Metals</i> , 2021, 11, 1364.	2.3	6
13	The possibilities of obtaining metallic calcium from Serbian carbonate mineral raw materials. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 397-405.	0.7	5
14	Influence of chalcopyrite structure on their leaching by sodium nitrate in sulphuric acid. <i>Metallurgical and Materials Engineering</i> , 2014, 20, 53-60.	0.5	5
15	Effects of structural and textural grain characteristics on leaching of sulphide minerals from a polymetallic concentrate by sodium nitrate and sulphuric acid solution. <i>Hemijaska Industrija</i> , 2017, 71, 461-469.	0.7	4
16	Application of raw volcanic rock found in Etna valley as an adsorbent of chromates, arsenates and selenates. <i>Metallurgical and Materials Engineering</i> , 2018, 24, 133-144.	0.5	4
17	Sustainable mining towards accomplishing circular economy principles. <i>Journal of Applied Engineering Science</i> , 2020, 18, 493-499.	0.9	3
18	Extraction of ammonium nickel sulfate hexahydrate by hydrometallurgical process from the hyperaccumulating plant <i>Odontarrhena muralis</i> â€ case study from Serbia. <i>Hemijaska Industrija</i> , 2021, 75, 285-296.	0.7	3

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19	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
20	Complex sulphide-barite ore leaching in ferric chloride solution. <i>Metallurgical and Materials Engineering</i> , 2016, 22, 81-90.	0.5	2
21	Leaching of chalcopyrite concentrate by hydrogen peroxide in sulphuric acid solution. <i>Tehnika</i> , 2019, 74, 66-70.	0.2	2
22	Treatment of the acidic effluent from a copper smelter by flotation tailings. <i>Hemijska Industrija</i> , 2019, 73, 115-124.	0.7	2
23	Microstructure as an essential aspect of EN AW 7075 aluminum alloy quality influenced by electromagnetic field during continuous casting process. <i>Hemijska Industrija</i> , 2021, 75, 31-37.	0.7	1
24	Deashing and desulfurization of subbituminous coal from the East field (Bogovina Basin, Serbia) - insights from chemical leaching. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 1113-1126.	0.8	1
25	Hydrodesulfurization of light gas oil: Kinetic determination in a batch reactor. <i>Hemijska Industrija</i> , 2002, 56, 529-532.	0.7	1
26	Kinetics of barite reduction from refractory barite-sulphide ore. <i>Metallurgical and Materials Engineering</i> , 2016, 22, 261-268.	0.5	1
27	Investigation of copper(I) sulphide leaching in oxidative hydrochloric acid solution. <i>Metallurgical and Materials Engineering</i> , 2015, 21, 253-258.	0.5	1
28	The valorization impact and methods for treatment of non ferrous secondary raw materials. <i>Tehnika</i> , 2017, 72, 212-218.	0.2	1
29	Mineralogy and crystallographic properties of Heu-type zeolitic tuff from the Novakovic deposit, Bosnia and Herzegovina. <i>Hemijska Industrija</i> , 2018, 72, 371-382.	0.7	1
30	Chemical Thermodynamic Processes at Metal-Mold Interface. <i>Materials Transactions</i> , 2013, 54, 1925-1929.	1.2	0
31	Leaching of polymetallic Cu-Zn-Pb concentrate with sodium nitrate in sulphuric acid. <i>Tehnika</i> , 2021, 76, 426-436.	0.2	0
32	DTA/TG analysis of mechanochemically activated sodium carbonate. <i>Podzemni Radovi</i> , 2021, , 47-55.	0.1	0
33	Recovery of lead from by-products of the bismuth refining by metallothermic reduction treatments. <i>Materials Protection</i> , 2015, 56, 59-63.	0.9	0
34	Application of exergy analysis in recycling streams. <i>Materials Protection</i> , 2015, 56, 224-231.	0.9	0
35	Phase equilibria study and characterization of the alloys in the BiCu <sub>0.5</sub> Ni <sub>0.5</sub> section of the Bi-Cu-Ni system. <i>Tehnika</i> , 2017, 72, 681-685.	0.2	0
36	Exergy concept and its implementation in the recycling of metals. <i>Materials Protection</i> , 2017, 58, 100-103.	0.9	0

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37	Molybdenum recovery as alloying agent from waste molybdenum solution. Materials Protection, 2018, 59, 100-107.	0.9	0
38	XRD analysis of activated four-component ceramics. Podzemni Radovi, 2021, , 23-28.	0.1	0