Marija Z SljiviÄ-IvanoviÄ

List of Publications by Year
in descending order

43 papers	706 citations	566801 15 h-index	552369 26 g-index
43 all docs	43 docs citations	43 times ranked	934 citing authors

#	Article	IF	Citations
1	Comparative study of Cu2+ adsorption on a zeolite, a clay and a diatomite from Serbia. Applied Clay Science, 2009, 43, 33-40.	2.6	120
2	Effect of acid treatment on red mud properties with implications on Ni(II) sorption and stability. Chemical Engineering Journal, 2014, 242, 27-35.	6.6	72
3	The influence of equilibration conditions and hydroxyapatite physico-chemical properties onto retention of Cu2+ ions. Chemical Engineering Journal, 2009, 148, 80-88.	6.6	53
4	Cadmium retention and distribution in contaminated soil: effects and interactions of soil properties, contamination level, aging time and in situ immobilization agents. Ecotoxicology and Environmental Safety, 2019, 174, 305-314.	2.9	51
5	The influence of citrate anion on Ni(II) removal by raw red mud from aluminum industry. Chemical Engineering Journal, 2013, 214, 327-335.	6.6	30
6	Chemical speciation of metals in unpolluted soils of different types: Correlation with soil characteristics and an ANN modelling approach. Journal of Geochemical Exploration, 2016, 165, 71-80.	1.5	26
7	The batch study of Sr^{2 +} sorption by bone char. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 210-217.	0.9	24
8	Correlation of Sr2+ retention and distribution with properties of different soil types. Geoderma, 2015, 253-254, 21-29.	2.3	24
9	The applicability of construction and demolition waste components for radionuclide sorption. Journal of Cleaner Production, 2018, 171, 322-332.	4.6	24
10	Study of factors affecting Ni2+ immobilization efficiency by temperature activated red mud. Chemical Engineering Journal, 2011, 168, 610-619.	6.6	23
11	Resource recovery of animal bones: Study on sorptive properties and mechanism for Sr2+ ions. Journal of Nuclear Materials, 2010, 400, 15-24.	1.3	20
12	Analysis and comparison of mass transfer phenomena related to Cu2+ sorption by hydroxyapatite and zeolite. Chemical Engineering Journal, 2013, 223, 833-843.	6.6	20
13	Speciation of 90Sr and other metal cations in artificially contaminated soils: the influence of bone sorbent addition. Journal of Soils and Sediments, 2013, 13, 383-393.	1.5	18
14	Study of Simultaneous Radionuclide Sorption by Mixture Design Methodology. Industrial & Engineering Chemistry Research, 2015, 54, 11212-11221.	1.8	17
15	Utilization of waste ceramics and roof tiles for radionuclide sorption. Chemical Engineering Research and Design, 2017, 105, 348-360.	2.7	17
16	The effect of process parameters on kinetics and mechanisms of Co²⁺removal by bone char. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 1558-1569.	0.9	16
17	Evaluation study of cobalt(II) and strontium(II) sorptionâ€“desorption behavior for selection of soil remediation technology. International Journal of Environmental Science and Technology, 2015, 12, 3853-3862.	1.8	15
18	Radioactive Contamination of the Soil: Assessments of Pollutants Mobility with Implication to Remediation Strategies. , 0, , .		15

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19	Sorption and mobility of Co(II) in relation to soil properties. Geoderma, 2017, 297, 38-47.	2.3	14
20	The role of external and internal mass transfer in the process of Cu²⁺removal by natural mineral sorbents. Environmental Technology (United Kingdom), 2011, 32, 933-943.	1.2	13
21	Efficient separation of strontium radionuclides from high-salinity wastewater by zeolite 4A synthesized from Bayer process liquids. Scientific Reports, 2021, 11, 1738.	1.6	12
22	Evaluation of the effects of treatment factors on the properties of bio-apatite materials. Journal of Materials Science, 2015, 50, 354-365.	1.7	9
23	Experimental and theoretical consideration of the factors influencing cationic pollutants retention by seashell waste. Journal of Chemical Technology and Biotechnology, 2018, 93, 1477-1487.	1.6	9
24	Separation of Cu(II) ions from synthetic solutions and waste water by raw and calcined seashell waste. , 0, 132, 205-214.		9
25	Exploring innovative solutions for aged concrete utilization: treatment of liquid radioactive waste. Clean Technologies and Environmental Policy, 2018, 20, 1343-1354.	2.1	8
26	Interactions of acidic soil near copper mining and smelting complex and waste-derived alkaline additives. Geoderma, 2019, 352, 241-250.	2.3	8
27	Selenate Adsorption from Water Using the Hydrous Iron Oxide-Impregnated Hybrid Polymer. Metals, 2020, 10, 1630.	1.0	8
28	Utilization of C&D waste in radioactive waste treatmentâ€"Current knowledge and perspectives. , 2020, , 475-500.		7
29	Estimation of Cadmium uptake by tobacco plants from laboratory leaching tests. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 352-361.	0.9	4
30	Ni(II) immobilization by bio-apatite materials: Appraisal of chemical, thermal and combined treatments. Chemical Industry and Chemical Engineering Quarterly, 2016, 22, 117-126.	0.4	4
31	The application of experimental design methodology for the investigation of liquid radioactive waste treatment. Nuclear Technology and Radiation Protection, 2017, 32, 281-287.	0.3	4
32	Radionuclide Immobilization by Sorption onto Waste Concrete and Bricksâ€"Experimental Design Methodology. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	3
33	Evaluation of factors influencing Co²⁺removal by calcinated bone sorbent using experimental design methodology. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 896-908.	0.9	2
34	Concurrent Co2+ and Sr2+ sorption from binary mixtures using aluminum industry waste: Kinetic study. Russian Journal of Physical Chemistry A, 2015, 89, 2461-2465.	0.1	2
35	Effect of experimental variables onto Co²⁺and Sr²⁺sorption behavior in red mud-water suspensions. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 1-12.	0.9	2
36	Amendment Type and Dose Effects onto Coexisting Copper, Lead, and Nickel Ions Distribution in Soil. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	1

#	Article	IF	Citations
37	Application of Copper Mining Waste in Radionuclide and Heavy Metal Immobilization. Clean - Soil, Air, Water, 0, , 2000419.	0.7	1
38	Novel approach for strontium preconcentration from seawater and rapid determination of 89,90Sr in emergency situations. Talanta, 2022, 250, 123722.	2.9	1
39	Influence of bentonite and zeolite on Cs+ and Co2+ cement matrix leaching phenomena. Nuclear Technology and Radiation Protection, 2021, 36, 60-65.	0.3	0
40	Analysis of factors influencing Cu(II) sorption by clinoptiolite. Hemijska Industrija, 2013, 67, 739-745.	0.3	0
41	Leaching kinetics of Co(II) and Sr(II) contaminated soil via chemical extraction method. Nuclear Technology and Radiation Protection, 2018, 33, 252-259.	0.3	0
42	Utilization of waste materials in heavy metals and radionuclides imobilization by sorption. Tehnika, 2019, 74, 337-344.	0.0	0
43	Leaching kinetics of Cs+ and Co2+ under dynamic conditions. Nuclear Technology and Radiation Protection, 2019, 34, 243-248.	0.3	0