Miljana Prica

List of Publications by Year in descending order

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42 papers	688 citations	567281 15 h-index	552781 26 g-index
42 all docs	42 docs citations	42 times ranked	948 citing authors

#	Article	IF	Citations
1	Application of UV-activated persulfate and peroxymonosulfate processes for the degradation of 1,2,3-trichlorobenzene in different water matrices. Environmental Science and Pollution Research, 2021, 28, 59165-59179.	5.3	11
2	Sorption behavior of polycyclic aromatic hydrocarbons on biodegradable polylactic acid and various nondegradable microplastics: Model fitting and mechanism analysis. Science of the Total Environment, 2021, 785, 147289.	8.0	32
3	The influence of aging on surface free energy of corona treated packaging films. Polymer Testing, 2020, 89, 106629.	4.8	19
4	Modelling and Prediction of Surface Roughness in CNC Turning Process using Neural Networks. Tehnicki Vjesnik, 2020, 27, .	0.2	1
5	Application of advanced oxidation process for the removal of synthetic water-based printing dye and microplastics from aqueous solution. , 2020, , .		1
6	Fenton-like oxidation of flexographic water-based key (black) dye: a definitive screening design optimization. , 2020, , .		1
7	A mini review: Optimal dye removal by fenton process catalysed with waste materials. , 2020, , .		0
8	Measurement of copper deposition by electrocoagulation/flotation from waste printing developer. Measurement: Journal of the International Measurement Confederation, 2019, 131, 288-299.	5.0	12
9	Oxidative degradation of cyan flexo dye with Heterogeneous Fenton reagent - Fe2(MoO4)3 particle. Acta Periodica Technologica, 2019, , 77-85.	0.2	1
10	Application of hexagonal two dimensional electrokinetic system on the nickel contaminated sediment and modelling the transport behavior of nickel during electrokinetic treatment. Separation and Purification Technology, 2018, 192, 253-261.	7.9	16
11	A comparative study of the decolorization capacity of the solar-assisted Fenton process using ferrioxalate and Al, Fe-bentonite catalysts in a parabolic trough reactor. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 436-449.	5.3	9
12	Optimization of azo printing dye removal with oak leaves-nZVI/H2O2 system using statistically designed experiment. Journal of Cleaner Production, 2018, 202, 65-80.	9.3	36
13	DEFINITIVE SCREENING DESIGN FOR THE OPTIMIZATION OF FLEXOGRAPHIC WATER-BASED CYAN DYE REMOVAL FROM AQUEOUS SOLUTION BY nZVI-INDUCED FENTON PROCESS. , 2018, , .		2
14	Experimental design of photo-Fenton process decolorization of Reactive Red 120 by using mathematical statistics models. Journal of Graphic Engineering and Design, 2018, 9, 33-40.	0.3	2
15	ASSESSMENT OF SEDIMENT POLLUTION USING CHEMICAL AND BIOLOGICAL TRAIT APPROACH. Carpathian Journal of Earth and Environmental Sciences, 2018, 13, 359-368.	0.4	2
16	EXAMINATION OF THE APPLICATION POSSIBILITIES OF WASTE RED MUD IN TREATMENT OF COLORED EFFLUENT. , 2018, , .		0
17	TREATMENT OF WASTEWATER CONTAINING DYE MIXTURE USING PYRITE CINDER IN HETEROGENEOUS FENTON PROCESS. , 2018, , .		1
18	The Application of Solar Cells in the Electrokinetic Remediation of Metal Contaminated Sediments. Water Environment Research, 2017, 89, 663-671.	2.7	4

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19	Optimization of Cyan flexo dye removal by nano zero-valent ironusing response surface methodology. Journal of Graphic Engineering and Design, 2017, 8, 35-45.	0.3	3
20	Effects of Anions on Adsorption of Trace Levels of Cu(II), Pb(II) and Cr(VI) by Amino-Functionalized Multi-Walled Carbon Nanotubes. Revista De Chimie (discontinued), 2017, 68, 362-368.	0.4	7
21	Influence of Electric Field Operation Modes on Nickel Migration during Electrokinetic Treatment. Soil and Sediment Contamination, 2016, 25, 64-74.	1.9	2
22	Feasibility of electrocoagulation/flotation treatment of waste offset printing developer based on the response surface analysis. Arabian Journal of Chemistry, 2016, 9, 152-162.	4.9	26
23	The electrocoagulation/flotation study: The removal of heavy metals from the waste fountain solution. Chemical Engineering Research and Design, 2015, 94, 262-273.	5.6	31
24	Degradation of Anthraquinone Dye Reactive Blue 4 in Pyrite Ash Catalyzed Fenton Reaction. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	22
25	Three different clay-supported nanoscale zero-valent iron materials for industrial azo dye degradation: A comparative study. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 2451-2461.	5.3	88
26	Evaluating the necessity for thermal treatment in clay-based metal immobilization techniques as an environmentally acceptable sediment remediation process. Journal of Soils and Sediments, 2013, 13, 1318-1326.	3.0	2
27	Correlation of different pollution criteria in the assessment of metal sediment pollution. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 380-393.	1.7	10
28	Use of fly ash for remediation of metals polluted sediment â€“ Green remediation. Chemosphere, 2013, 92, 1490-1497.	8.2	52
29	Lindane sorption and desorption behaviour on sediment organic matter. Journal of the Serbian Chemical Society, 2013, 78, 883-895.	0.8	2
30	The use of cardboard factory sludge in the remediation of zinc contaminated sediment. Journal of the Serbian Chemical Society, 2012, 77, 1097-1107.	0.8	0
31	Immobilization of Cadmium from Contaminated Sediment Using Cardboard Mill Sludge. Archives of Environmental Protection, 2012, 38, 109-118.	1.1	5
32	Influence of pH and ozone dose on the content and structure of haloacetic acid precursors in groundwater. Environmental Science and Pollution Research, 2012, 19, 3079-3086.	5.3	18
33	Solidification/stabilization of metal polluted sediment of Krivaja river. Hemijska Industrija, 2012, 66, 469-478.	0.7	1
34	Green Remediationâ€”Use of Fly Ash for Remediation of Metals Polluted Sediment. , 2012, , 1-14.		0
35	Quantifying the environmental impact of As and Cr in stabilized/solidified materials. Science of the Total Environment, 2011, 412-413, 366-374.	8.0	21
36	Characterisation, Availability, and Risk Assessment of the Metals in Sediment after Aging. Water, Air, and Soil Pollution, 2011, 214, 219-229.	2.4	14

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37	Correlation between the Results of Sequential Extraction and Effectiveness of Immobilization Treatment of Lead- and Cadmium-Contaminated Sediment. Scientific World Journal, The, 2010, 10, 1-19.	2.1	8
38	Changes in metal availability during sediment oxidation and the correlation with the immobilization potential. Ecotoxicology and Environmental Safety, 2010, 73, 1370-1377.	6.0	21
39	A comparison of sediment quality results with acid volatile sulfide (AVS) and simultaneously extracted metals (SEM) ratio in Vojvodina (Serbia) sediments. Science of the Total Environment, 2008, 389, 235-244.	8.0	74
40	Preliminary evaluation of galvanic sludge immobilization in clay-based matrix as an environmentally safe process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 528-537.	1.7	10
41	Pollution of the Begej Canal sediment-metals, radioactivity and toxicity assessment. Environment International, 2006, 32, 606-615.	10.0	28
42	Titania-based heterogeneous photocatalysis. Materials, mechanistic issues, and implications for environmental remediation. Pure and Applied Chemistry, 2001, 73, 1849-1860.	1.9	93