Milica Velimirovic Fanfani

List of Publications by Year
in descending order

24 papers	628 citations	567281 15 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	832 citing authors

#	Article	IF	Citations
1	Detection of microplastics using inductively coupled plasma-mass spectrometry (ICP-MS) operated in single-event mode. Journal of Analytical Atomic Spectrometry, 2020, 35, 455-460.	3.0	84
2	Monitoring the Injection of Microscale Zerovalent Iron Particles for Groundwater Remediation by Means of Complex Electrical Conductivity Imaging. Environmental Science & Technology, 2015, 49, 5593-5600.	10.0	62
3	Corrosion rate estimations of microscale zerovalent iron particles via direct hydrogen production measurements. Journal of Hazardous Materials, 2014, 270, 18-26.	12.4	59
4	Field assessment of guar gum stabilized microscale zerovalent iron particles for in-situ remediation of 1,1,1-trichloroethane. Journal of Contaminant Hydrology, 2014, 164, 88-99.	3.3	50
5	Reactivity screening of microscale zerovalent irons and iron sulfides towards different CAHs under standardized experimental conditions. Journal of Hazardous Materials, 2013, 252-253, 204-212.	12.4	46
6	Pressure-controlled injection of guar gum stabilized microscale zerovalent iron for groundwater remediation. Journal of Contaminant Hydrology, 2015, 181, 46-58.	3.3	39
7	Reactivity recovery of guar gum coupled mZVI by means of enzymatic breakdown and rinsing. Journal of Contaminant Hydrology, 2012, 142-143, 1-10.	3.3	33
8	Mass spectrometry as a powerful analytical tool for the characterization of indoor airborne microplastics and nanoplastics. Journal of Analytical Atomic Spectrometry, 2021, 36, 695-705.	3.0	31
9	Agar agar-stabilized milled zerovalent iron particles for in situ groundwater remediation. Science of the Total Environment, 2016, 563-564, 713-723.	8.0	29
10	Use of CAH-degrading bacteria as test-organisms for evaluating the impact of fine zerovalent iron particles on the anaerobic subsurface environment. Chemosphere, 2015, 134, 338-345.	8.2	24
11	Accurate quantification of TiO2 nanoparticles in commercial sunscreens using standard materials and orthogonal particle sizing methods for verification. Talanta, 2020, 215, 120921.	5.5	21
12	Guar gum coupled microscale ZVI for in situ treatment of CAHs: Continuous-flow column study. Journal of Hazardous Materials, 2014, 265, 20-29.	12.4	20
13	Effect of field site hydrogeochemical conditions on the corrosion of milled zerovalent iron particles and their dechlorination efficiency. Science of the Total Environment, 2018, 618, 1619-1627.	8.0	20
14	A Large-Scale 3D Study on Transport of Humic Acid-Coated Goethite Nanoparticles for Aquifer Remediation. Water (Switzerland), 2020, 12, 1207.	2.7	20
15	Impact of carbon, oxygen and sulfur content of microscale zerovalent iron particles on its reactivity towards chlorinated aliphatic hydrocarbons. Chemosphere, 2013, 93, 2040-2045.	8.2	17
16	Recent developments in mass spectrometry for the characterization of micro- and nanoscale plastic debris in the environment. Analytical and Bioanalytical Chemistry, 2021, 413, 7-15.	3.7	15
17	Characterisation, Availability, and Risk Assessment of the Metals in Sediment after Aging. Water, Air, and Soil Pollution, 2011, 214, 219-229.	2.4	14
18	Impact of Sodium Humate Coating on Collector Surfaces on Deposition of Polymer-Coated Nanoiron Particles. Environmental Science & Technology, 2017, 51, 9202-9209.	10.0	14

#	Article	IF	Citations
19	COST Action PRIORITY: An EU Perspective on Micro- and Nanoplastics as Global Issues. Microplastics, 2022, 1, 282-290.	4.2	12
20	Intra-laboratory assessment of a method for the detection of TiO2 nanoparticles present in sunscreens based on multi-detector asymmetrical flow field-flow fractionation. NanoImpact, 2020, 19, 100233.	4.5	6
21	Effect of boron on reactivity and apparent corrosion rate of microscale zerovalent irons. Journal of Environmental Chemical Engineering, 2017, 5, 1892-1898.	6.7	5
22	Using Silica Coated Nanoscale Zerovalent Particles for the Reduction of Chlorinated Ethylenes. Silicon, 2018, 10, 2593-2601.	3.3	5
23	Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers Using an Analytical Approach Based on spICP-SFMS and EAF4-MALS. Nanomaterials, 2021, 11, 2720.	4.1	2
24	Joint Forces of HR-Spicp-MS and EAF4-MALS for Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers. Materials Proceedings, 2020, 4, .	0.2	0