

Washington Braida

List of Publications by Year in descending order

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37
papers

1,238
citations

516710

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361022

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times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of biofuel from anaerobic digestion of <i>Scenedesmus obliquus</i> grown in energetic-laden industrial wastewater: Understanding microalgae strains, co-digestants, and digestate toxicity. <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, .	2.3	6
2	MicroAlgal Biofilm Reactor (MABR) – Evaluation of Biomass Support Materials and Nitrate Removal Performance. <i>Environmental Processes</i> , 2022, 9, 1.	3.5	1
3	Ecotoxicological response of <i>Scenedesmus obliquus</i> to pure energetic compounds and metal ions found in wastewater streams from munitions manufacturing. <i>Algal Research</i> , 2020, 48, 101927.	4.6	6
4	Assessing Oil Content of Microalgae Grown in Industrial Energetic-Laden Wastewater. <i>Environmental Processes</i> , 2019, 6, 969-983.	3.5	5
5	Tungsten: Environmental Pollution and Health Effects. , 2019, , 161-169.		6
6	Algae toxicological assessment and valorization of energetic-laden wastewater streams using <i>Scenedesmus obliquus</i> . <i>Journal of Cleaner Production</i> , 2018, 202, 838-845.	9.3	21
7	Characterization of Mg-based bimetal treatment of insensitive munition 2,4-dinitroanisole. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24403-24416.	5.3	6
8	System-Dynamics Modeling of Source Mass-Depletion and Risk- Exposure Evolution for Natural Attenuation Processes in the Vadose Zone. <i>Environmental Processes</i> , 2017, 4, 207-222.	3.5	3
9	Sustainable municipal solid waste management decision making. <i>Management of Environmental Quality</i> , 2015, 26, 909-928.	4.3	16
10	Evaluation of the Adsorption of Mono- and Polytungstates onto Different Types of Clay Minerals and Pahokee Peat. <i>Soil and Sediment Contamination</i> , 2014, 23, 838-849.	1.9	29
11	A Review of Molybdenum Adsorption in Soils/Bed Sediments: Speciation, Mechanism, and Model Applications. <i>Soil and Sediment Contamination</i> , 2013, 22, 912-929.	1.9	67
12	Promoting decision making through a Sustainable Remediation Assessment Matrix (SRAM). <i>International Journal of Innovation and Sustainable Development</i> , 2013, 7, 252.	0.4	4
13	Degradation of trichloroethylene using iron, bimetals and trimetals. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1536-1542.	1.7	6
14	Assessing tungsten transport in the vadose zone: From dissolution studies to soil columns. <i>Chemosphere</i> , 2012, 86, 1001-1007.	8.2	22
15	Degradation of high energetic and insensitive munitions compounds by Fe/Cu bimetal reduction. <i>Journal of Hazardous Materials</i> , 2012, 219-220, 75-81.	12.4	91
16	Surface-Enhanced Raman Scattering Spectroscopy of Explosive 2,4-Dinitroanisole using Modified Silver Nanoparticles. <i>Langmuir</i> , 2011, 27, 13773-13779.	3.5	36
17	Immobilization of Copper, Lead, and Tungsten in Mixed Munitions Firing Range – Contaminated Soils by Various Amendments. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2011, 15, 151-159.	2.0	11
18	Electrodeposition of Mo/MoOx on Copper Substrate from Dimethyl Sulfoxide Solutions. <i>Eurasian Chemico-Technological Journal</i> , 2011, 13, 253.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Immobilization of Cu, Pb, and W in Mixed Munitions Firing Range Contaminated Soils by Various Amendments. , 2010, , .		0
20	Generation and detection of gaseous W ₁₂ O ₄₁ ⁻ and other tungstate anions by laser desorption ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 1782-1789.	2.8	15
21	Influence of speciation on tungsten toxicity. Desalination, 2009, 248, 869-879.	8.2	31
22	Competitive sorption of tungstate, molybdate and phosphate mixtures onto goethite. Land Contamination and Reclamation, 2009, 17, 45-57.	0.4	17
23	Effect of other metals on the dissolution of tungsten. Land Contamination and Reclamation, 2009, 17, 101-110.	0.4	1
24	Nano-aluminum: Transport through sand columns and environmental effects on plants and soil communities. Environmental Research, 2008, 106, 296-303.	7.5	174
25	Electrokinetic treatment of firing ranges containing tungsten-contaminated soils. Journal of Hazardous Materials, 2007, 149, 562-567.	12.4	10
26	Comments to "Release of copper from sintered tungsten" bronze shot under different pH conditions and its potential toxicity to aquatic organisms" by Vernon Thomas, Robert Santore and Ian McGill (Science of the Total Environment 374 (2007) 71-79). Science of the Total Environment, 2007, 383, 241-242.	8.0	3
27	Adsorption of molybdate and tetrathiomolybdate onto pyrite and goethite: Effect of pH and competitive anions. Chemosphere, 2006, 62, 1726-1735.	8.2	130
28	Modeling the competitive effect of phosphate, sulfate, silicate, and tungstate anions on the adsorption of molybdate onto goethite. Chemosphere, 2006, 64, 1325-1333.	8.2	89
29	The assessment of the energetic compound 2,4,6,8,10,12-hexanitro-2,4,6,8,10,12-Hexaazaisowurtzitane (CL-20) degradability in soil. Environmental Pollution, 2006, 139, 353-361.	7.5	14
30	Effects of tungsten on environmental systems. Chemosphere, 2005, 61, 248-258.	8.2	152
31	Ultrafiltration of ink and latex wastewaters using cellulose membranes. Desalination, 2004, 164, 63-70.	8.2	13
32	Solubility, Sorption, and Soil Respiration Effects of Tungsten and Tungsten Alloys. Environmental Forensics, 2004, 5, 5-13.	2.6	91
33	Dual-mode modeling of competitive and concentration-dependent sorption and desorption kinetics of polycyclic aromatic hydrocarbons in soils. Water Resources Research, 2001, 37, 2205-2212.	4.2	56
34	Modeling of air sparging of VOC-contaminated soil columns. Journal of Contaminant Hydrology, 2000, 41, 385-402.	3.3	23
35	Decomposition of Nitrite Under Various pH and Aeration Conditions. Water, Air, and Soil Pollution, 2000, 118, 13-26.	2.4	62
36	Influence of Porous Media and Airflow Rate on the Fate of NAPLs Under Air Sparging. Transport in Porous Media, 2000, 38, 29-42.	2.6	15

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37	Fate of adsorbable organic halides from bleached laundering in septic tank systems. Environmental Toxicology and Chemistry, 1998, 17, 398-403.	4.3	5