

Washington Braida

List of Publications by Year in descending order

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37
papers

1,238
citations

516710

16
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-aluminum: Transport through sand columns and environmental effects on plants and soil communities. <i>Environmental Research</i> , 2008, 106, 296-303.	7.5	174
2	Effects of tungsten on environmental systems. <i>Chemosphere</i> , 2005, 61, 248-258.	8.2	152
3	Adsorption of molybdate and tetrathiomolybdate onto pyrite and goethite: Effect of pH and competitive anions. <i>Chemosphere</i> , 2006, 62, 1726-1735.	8.2	130
4	Solubility, Sorption, and Soil Respiration Effects of Tungsten and Tungsten Alloys. <i>Environmental Forensics</i> , 2004, 5, 5-13.	2.6	91
5	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
6	Modeling the competitive effect of phosphate, sulfate, silicate, and tungstate anions on the adsorption of molybdate onto goethite. <i>Chemosphere</i> , 2006, 64, 1325-1333.	8.2	89
7	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
8	Decomposition of Nitrite Under Various pH and Aeration Conditions. <i>Water, Air, and Soil Pollution</i> , 2000, 118, 13-26.	2.4	62
9	Dual-mode modeling of competitive and concentration-dependent sorption and desorption kinetics of polycyclic aromatic hydrocarbons in soils. <i>Water Resources Research</i> , 2001, 37, 2205-2212.	4.2	56
10	Surface-Enhanced Raman Scattering Spectroscopy of Explosive 2,4-Dinitroanisole using Modified Silver Nanoparticles. <i>Langmuir</i> , 2011, 27, 13773-13779.	3.5	36
11	Influence of speciation on tungsten toxicity. <i>Desalination</i> , 2009, 248, 869-879.	8.2	31
12	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
13	Modeling of air sparging of VOC-contaminated soil columns. <i>Journal of Contaminant Hydrology</i> , 2000, 41, 385-402.	3.3	23
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	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
16	Competitive sorption of tungstate, molybdate and phosphate mixtures onto goethite. <i>Land Contamination and Reclamation</i> , 2009, 17, 45-57.	0.4	17
17	Sustainable municipal solid waste management decision making. <i>Management of Environmental Quality</i> , 2015, 26, 909-928.	4.3	16
18	Influence of Porous Media and Airflow Rate on the Fate of NAPLs Under Air Sparging. <i>Transport in Porous Media</i> , 2000, 38, 29-42.	2.6	15

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19	Generation and detection of gaseous W ₁₂ O ₄₁ ⁷⁺ and other tungstate anions by laser desorption ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1782-1789.	2.8	15
20	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. <i>Environmental Pollution</i> , 2006, 139, 353-361.	7.5	14
21	Ultrafiltration of ink and latex wastewaters using cellulose membranes. <i>Desalination</i> , 2004, 164, 63-70.	8.2	13
22	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
23	Electrokinetic treatment of firing ranges containing tungsten-contaminated soils. <i>Journal of Hazardous Materials</i> , 2007, 149, 562-567.	12.4	10
24	Degradation of trichloroethylene using iron, bimetal and trimetal. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1536-1542.	1.7	6
25	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
26	Tungsten: Environmental Pollution and Health Effects. , 2019, , 161-169.		6
27	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
28	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
29	Fate of adsorbable organic halides from bleached laundering in septic tank systems. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 398-403.	4.3	5
30	Assessing Oil Content of Microalgae Grown in Industrial Energetic-Laden Wastewater. <i>Environmental Processes</i> , 2019, 6, 969-983.	3.5	5
31	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
32	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 (<i>Science of the Total Environment</i> 374 (2007) 71-79). <i>Science of the Total Environment</i> , 2007, 383, 241-242.	8.0	3
33	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
34	Effect of other metals on the dissolution of tungsten. <i>Land Contamination and Reclamation</i> , 2009, 17, 101-110.	0.4	1
35	Electrodeposition of Mo/MoO _x on Copper Substrate from Dimethyl Sulfoxide Solutions. <i>Eurasian Chemico-Technological Journal</i> , 2011, 13, 253.	0.6	1
36	MicroAlgal Biofilm Reactor (MABR) " Evaluation of Biomass Support Materials and Nitrate Removal Performance. <i>Environmental Processes</i> , 2022, 9, 1.	3.5	1

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37	Immobilization of Cu, Pb, and W in Mixed Munitions Firing Range Contaminated Soils by Various Amendments. , 2010, , .		0