

Craig Just

List of Publications by Year in descending order

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36
papers

982
citations

567281

15
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexahydro-1,3,5-trinitro-1,3,5-triazine Mineralization by Zerovalent Iron and Mixed Anaerobic Cultures. <i>Environmental Science & Technology</i> , 2001, 35, 4341-4346.	10.0	127
2	Toenail Arsenic Content and Cutaneous Melanoma in Iowa. <i>American Journal of Epidemiology</i> , 2004, 160, 679-687.	3.4	91
3	Metabolism and Mineralization of Hexahydro-1,3,5-trinitro-1,3,5-triazine Inside Poplar Tissues (<i>Populus</i>) Tj ETQq1 10.784314,rgBT /O 10.0 87	10.0	87
4	The effects of individual PCB congeners on the soil bacterial community structure and the abundance of biphenyl dioxygenase genes. <i>Environment International</i> , 2010, 36, 901-906.	10.0	80
5	Phytophotolysis of Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in Leaves of Reed Canary Grass. <i>Environmental Science & Technology</i> , 2004, 38, 290-295.	10.0	78
6	Gene Expression and Microscopic Analysis of Arabidopsis Exposed to Chloroacetanilide Herbicides and Explosive Compounds. A Phytoremediation Approach. <i>Plant Physiology</i> , 2005, 138, 858-869.	4.8	75
7	Uptake and Leaching of Octahydro-1,3,5,7-tetranitro-1,3,5,7- tetrazocine by Hybrid Poplar Trees. <i>Environmental Science & Technology</i> , 2002, 36, 4649-4655.	10.0	67
8	Antecedent Moisture Controls on Stream Nitrate Flux in an Agricultural Watershed. <i>Journal of Environmental Quality</i> , 2014, 43, 1494-1503.	2.0	54
9	Uses and Biases of Volunteer Water Quality Data. <i>Environmental Science & Technology</i> , 2010, 44, 7193-7199.	10.0	48
10	Development of a synthetic PCB mixture resembling the average polychlorinated biphenyl profile in Chicago air. <i>Environment International</i> , 2010, 36, 819-827.	10.0	27
11	Nitrogen Removal from Wastewater by an Aerated Subsurface Flow Constructed Wetland in Cold Climates. <i>Water Environment Research</i> , 2014, 86, 305-313.	2.7	27
12	Passive In-Line Chlorination for Drinking Water Disinfection: A Critical Review. <i>Environmental Science & Technology</i> , 2022, 56, 9164-9181.	10.0	27
13	Effect of freshwater mussels on the vertical distribution of anaerobic ammonia oxidizers and other nitrogen-transforming microorganisms in upper Mississippi river sediment. <i>PeerJ</i> , 2017, 5, e3536.	2.0	22
14	Mathematical Modeling of RDX and HMX Metabolism in Poplar (<i>Populus deltoides</i> — <i>Populus nigra</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 3.1 20	3.1	20
15	Room-to-Room Variability of Airborne Polychlorinated Biphenyls in Schools and the Application of Air Sampling for Targeted Source Evaluation. <i>Environmental Science & Technology</i> , 2021, 55, 9460-9468.	10.0	18
16	An energy harvesting scheme for underwater sensor applications. , 2012, , .		16
17	Stable Isotope-Enabled Pathway Elucidation of 2,4-Dinitroanisole Metabolized by <i>Rhizobium</i> <i>lichtii</i> . <i>Environmental Science and Technology Letters</i> , 2015, 2, 362-366.	8.7	14
18	Selective Background Suppression in MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 1994, 66, 3676-3680.	6.5	13

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19	Sensor data as a measure of native freshwater mussel impact on nitrate formation and food digestion in continuous-flow mesocosms. <i>Freshwater Science</i> , 2014, 33, 417-424.	1.8	13
20	Biotransformation of 2,4-dinitroanisole by a fungal <i>Penicillium</i> sp.. <i>Biodegradation</i> , 2017, 28, 95-109.	3.0	11
21	Metagenomic analysis of nitrogen cycling genes in upper Mississippi river sediment with mussel assemblages. <i>MicrobiologyOpen</i> , 2019, 8, e00739.	3.0	10
22	Partial nitrification ANAMMOX in submerged attached growth bioreactors with smart aeration at 20 Å°C. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 81-89.	3.5	8
23	Educating the Aware, Informed and Action-Oriented Sustainable Citizen. <i>Sustainability</i> , 2015, 7, 1985-1999.	3.2	7
24	Evaluating Collaborative Readiness for Interdisciplinary Flood Research. <i>Risk Analysis</i> , 2021, 41, 1187-1194.	2.7	6
25	Submerged attached-growth reactors as lagoon retrofits for cold-weather ammonia removal: performance and sizing. <i>Water Science and Technology</i> , 2018, 78, 1625-1632.	2.5	6
26	Simulated mussel mortality thresholds as a function of mussel biomass and nutrient loading. <i>PeerJ</i> , 2017, 5, e2838.	2.0	6
27	Enhanced Vadose Zone Nitrogen Removal by Poplar During Dormancy. <i>International Journal of Phytoremediation</i> , 2015, 17, 729-736.	3.1	5
28	A preparation technique for analysis of explosives in plant tissues. <i>International Journal of Phytoremediation</i> , 2000, 2, 255-267.	3.1	4
29	Bridging the distance: Service learning in international perspective. <i>New Directions for Teaching and Learning</i> , 2009, 2009, 71-84.	0.4	4
30	Selective elimination of low-molecular-weight ions in MALDI-TOF mass spectrometry using a bipolar pulsed electrostatic particle guide. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 502-506.	1.5	3
31	Impacts of ammonia loading and biofilm age on the prevalence of nitrogen cycling microorganisms in a full-scale submerged attached-growth reactor. <i>Water Environment Research</i> , 2021, 93, 787-796.	2.7	2
32	Upper Mississippi River Basin Envirohydrologic Observatory. , 2009, , .		1
33	Raising a Stink. <i>Journal of Environmental Quality</i> , 2004, 33, 1160-a.	2.0	1
34	Clear Creek Environmental Hydrologic Observatory: Adaptive Sensor Network. , 2007, , .		1
35	Poster abstract: Cybermussels: A biological sensor network using freshwater mussels. , 2012, , .		0
36	Modeling sustainable reuse of nitrogen-laden wastewater by poplar. <i>International Journal of Phytoremediation</i> , 2016, 18, 634-642.	3.1	0