

Richard G Zytner

List of Publications by Year in descending order

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46
papers

689
citations

623188

14
h-index

610482

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46
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46
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced removal of selected hydrocarbons from soil by <i>Pseudomonas aeruginosa</i> UG2 biosurfactants and some chemical surfactants. <i>Journal of Chemical Technology and Biotechnology</i> , 1994, 59, 53-59.	1.6	83
2	Sorption of benzene, toluene, ethylbenzene and xylenes to various media. <i>Journal of Hazardous Materials</i> , 1994, 38, 113-126.	6.5	64
3	Reduced fouling tendencies of ultrafiltration membranes in wastewater treatment by plasma modification. <i>Desalination</i> , 2006, 189, 119-129.	4.0	61
4	Biodegradation of Diesel Fuel in Soil Under Various Nitrogen Addition Regimes. <i>Soil and Sediment Contamination</i> , 2001, 10, 539-553.	1.1	44
5	Breaking Waves: Review of Characteristic Relationships. <i>Coastal Engineering Journal</i> , 2013, 55, 1350002-1-1350002-40.	0.7	32
6	Adsorption-desorption of trichloroethylene in granular media. <i>Water, Air, and Soil Pollution</i> , 1992, 65, 245-255.	1.1	31
7	Airflow dispersion in unsaturated soil. <i>Journal of Contaminant Hydrology</i> , 2006, 82, 118-132.	1.6	29
8	Three-dimensional numerical model for soil vapor extraction. <i>Journal of Contaminant Hydrology</i> , 2013, 147, 82-95.	1.6	24
9	Optimization of nitrogen for bioventing of gasoline contaminated soil. <i>Journal of Environmental Engineering and Science</i> , 2005, 4, 29-42.	0.3	21
10	Risk assessment of heavy metals in soil based on the geographic information system-Kriging technique in Anka, Nigeria. <i>Environmental Engineering Research</i> , 2019, 24, 150-158.	1.5	19
11	Passive volatilization behaviour of gasoline in unsaturated soils. <i>Journal of Contaminant Hydrology</i> , 1999, 39, 137-159.	1.6	17
12	Measurement of solubilities in supercritical fluids using a piezoelectric quartz crystal. <i>Fluid Phase Equilibria</i> , 2001, 187-188, 233-246.	1.4	17
13	Estimating water content in an active landfill with the aid of GPR. <i>Waste Management</i> , 2013, 33, 2015-2028.	3.7	17
14	Parameters influencing oxygen uptake at clarifier weirs. <i>Water Environment Research</i> , 1996, 68, 988-994.	1.3	15
15	A Correlation to Estimate the Bioventing Degradation Rate Constant. <i>Bioremediation Journal</i> , 2009, 13, 141-153.	1.0	14
16	Establishing Correlations and Scale-Up Factor for Estimating the Petroleum Biodegradation Rate in Soil. <i>Bioremediation Journal</i> , 2015, 19, 32-46.	1.0	13
17	Large-scale bioventing degradation rates of petroleum hydrocarbons and determination of scale-up factors. <i>Bioremediation Journal</i> , 2017, 21, 149-162.	1.0	13
18	Passive volatilization of gasoline from soil. <i>Journal of Soil Contamination</i> , 1995, 4, 123-135.	0.5	12

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19	Model for predicting PCE desorption from contaminated soils. <i>Water Environment Research</i> , 1992, 64, 170-178.	1.3	11
20	Adsorption and desorption of perchloroethylene in soils, peat moss, and granular activated carbon. <i>Canadian Journal of Civil Engineering</i> , 1989, 16, 798-806.	0.7	10
21	Supercritical carbon dioxide-soil partition coefficients. <i>Journal of Supercritical Fluids</i> , 1995, 8, 149-155.	1.6	10
22	Analyzing volatile organic siloxanes in landfill biogas. <i>Canadian Journal of Civil Engineering</i> , 2012, 39, 667-673.	0.7	10
23	Degradation Rates for Petroleum Hydrocarbons Undergoing Bioventing at the Meso-Scale. <i>Bioremediation Journal</i> , 2013, 17, 159-172.	1.0	10
24	Fruit and vegetable wash-water characterization, treatment feasibility study and decision matrices. <i>Canadian Journal of Civil Engineering</i> , 2017, 44, 971-983.	0.7	10
25	Investigation of fugitive methane and gas collection efficiency in Halton landfill in Ontario, Canada. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 326.	1.3	10
26	Estimation of SVE closure time. <i>Journal of Hazardous Materials</i> , 2008, 153, 575-581.	6.5	9
27	Machine Learning Models for Predicting Water Quality of Treated Fruit and Vegetable Wastewater. <i>Water (Switzerland)</i> , 2021, 13, 2485.	1.2	9
28	Retention capacity of dry soils for NAPLs. <i>Environmental Technology (United Kingdom)</i> , 1993, 14, 1073-1080.	1.2	8
29	Remote Sensing of Irregular Breaking Wave Parameters in Field Conditions. <i>Journal of Coastal Research</i> , 2015, 300, 348-363.	0.1	8
30	Biodegradation and Metabolism of Tetrabromobisphenol A (TBBPA) in the Bioaugmented Activated Sludge Batch Bioreactor System by Heterotrophic and Nitrifying Bacteria. <i>Water Environment Research</i> , 2018, 90, 122-128.	1.3	7
31	Retention capacities of immiscible chemicals in unsaturated soils. <i>Water, Air, and Soil Pollution</i> , 1996, 89, 277-289.	1.1	6
32	Comparison of one- and three-dimensional soil vapour extraction experiments. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 407-419.	1.2	6
33	Comparison of behaviour and fate of tetrabromobisphenol A (TBBPA) in membrane bioreactors and conventional activated sludge process. <i>Journal of Water Reuse and Desalination</i> , 2014, 4, 164-173.	1.2	6
34	Fate kinetic coefficients and correlation models for tetrabromobisphenol A (TBBPA) in membrane bioreactors and conventional activated sludge process. <i>Journal of Water Reuse and Desalination</i> , 2016, 6, 175-187.	1.2	5
35	Predicting fruit and vegetable processing wash-water quality. <i>Water Science and Technology</i> , 2018, 2017, 256-269.	1.2	5
36	The effect of age on petroleum hydrocarbon contaminants in soil for bioventing remediation. <i>Bioremediation Journal</i> , 2019, 23, 311-325.	1.0	5

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37	Oxygen uptake at Parshall flumes. Canadian Journal of Civil Engineering, 1998, 25, 769-776.	0.7	4
38	Hydrothermal Conversion of Waste Biomass from Greenhouses into Hydrochar for Energy, Soil Amendment, and Wastewater Treatment Applications. Energies, 2022, 15, 3663.	1.6	4
39	Prediction of the movement of perchloroethylene in soil columns. Water, Air, and Soil Pollution, 1991, 60, 361-380.	1.1	3
40	Kinetic Model for the Supercritical Extraction of Contaminants from Soil. ACS Symposium Series, 1995, , 298-312.	0.5	2
41	Potential Water Reuse for High Strength Fruit and Vegetable Processor Wastewater with an MBR. Water Environment Research, 2016, 88, 852-870.	1.3	2
42	Hybrid Treatment System to Remove Micromolecular SMPs from Fruit Wastewater Treated with an MBR. Canadian Journal of Civil Engineering, 0, , .	0.7	2
43	Life Cycle Assessment of Full Scale Membrane Bioreactor and Tertiary Treatment Technologies in the Fruit Processing Industry. Water Environment Research, 2021, , e1661.	1.3	1
44	PCE Volatilized from Stagnant Water and Soil. Journal of Environmental Engineering, ASCE, 1989, 115, 1199-1212.	0.7	0
45	Closure to Discussion of: Model for predicting PCE desorption from contaminated soils, N. Biswas et al., , 170 (1992); Discussion by J. F. Kuo, , 85 (1993).. Water Environment Research, 1993, 65, 88-88.	1.3	0
46	The Development of Technology-supported Approaches to the LO Process for Accredited Engineering Programs. International Journal of Engineering Education, 2019, 1, 74-84.	0.3	0