Richard G Zytner

List of Publications by Year
in descending order

46 papers	689 citations	623188 14 h-index	610482 24 g-index
46 all docs	46 docs citations	46 times ranked	640 citing authors

#	Article	IF	Citations
1	Hydrothermal Conversion of Waste Biomass from Greenhouses into Hydrochar for Energy, Soil Amendment, and Wastewater Treatment Applications. Energies, 2022, 15, 3663.	1.6	4
2	Machine Learning Models for Predicting Water Quality of Treated Fruit and Vegetable Wastewater. Water (Switzerland), 2021, 13, 2485.	1.2	9
3	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
4	Investigation of fugitive methane and gas collection efficiency in Halton landfill in Ontario, Canada. Environmental Monitoring and Assessment, 2020, 192, 326.	1.3	10
5	The effect of age on petroleum hydrocarbon contaminants in soil for bioventing remediation. Bioremediation Journal, 2019, 23, 311-325.	1.0	5
6	Risk assessment of heavy metals in soil based on the geographic information system-Kriging technique in Anka, Nigeria. Environmental Engineering Research, 2019, 24, 150-158.	1.5	19
7	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
8	Predicting fruit and vegetable processing wash-water quality. Water Science and Technology, 2018, 2017, 256-269.	1.2	5
9	Biodegradation and Metabolism of Tetrabromobisphenol A (TBBPA) in the Bioaugmented Activated Sludge Batch Bioreactor System by Heterotrophic and Nitrifying Bacteria. Water Environment Research, 2018, 90, 122-128.	1.3	7
10	Large-scale bioventing degradation rates of petroleum hydrocarbons and determination of scale-up factors. Bioremediation Journal, 2017, 21, 149-162.	1.0	13
11	Fruit and vegetable wash-water characterization, treatment feasibility study and decision matrices. Canadian Journal of Civil Engineering, 2017, 44, 971-983.	0.7	10
12	Potential Water Reuse for High Strength Fruit and Vegetable Processor Wastewater with an MBR. Water Environment Research, 2016, 88, 852-870.	1.3	2
13	Fate kinetic coefficients and correlation models for tetrabromobisphenol A (TBBPA) in membrane bioreactors and conventional activated sludge process. Journal of Water Reuse and Desalination, 2016, 6, 175-187.	1.2	5
14	Remote Sensing of Irregular Breaking Wave Parameters in Field Conditions. Journal of Coastal Research, 2015, 300, 348-363.	0.1	8
15	Establishing Correlations and Scale-Up Factor for Estimating the Petroleum Biodegradation Rate in Soil. Bioremediation Journal, 2015, 19, 32-46.	1.0	13
16	Comparison of behaviour and fate of tetrabromobisphenol A (TBBPA) in membrane bioreactors and conventional activated sludge process. Journal of Water Reuse and Desalination, 2014, 4, 164-173.	1.2	6
17	Estimating water content in an active landfill with the aid of GPR. Waste Management, 2013, 33, 2015-2028.	3.7	17
18	Three-dimensional numerical model for soil vapor extraction. Journal of Contaminant Hydrology, 2013, 147, 82-95.	1.6	24

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19	Breaking Waves: Review of Characteristic Relationships. Coastal Engineering Journal, 2013, 55, 1350002-1-1350002-40.	0.7	32
20	Degradation Rates for Petroleum Hydrocarbons Undergoing Bioventing at the Meso-Scale. Bioremediation Journal, 2013, 17, 159-172.	1.0	10
21	Analyzing volatile organic siloxanes in landfill biogas. Canadian Journal of Civil Engineering, 2012, 39, 667-673.	0.7	10
22	A Correlation to Estimate the Bioventing Degradation Rate Constant. Bioremediation Journal, 2009, 13, 141-153.	1.0	14
23	Comparison of one€•and three€dimensional soil vapour extraction experiments. Environmental Technology (United Kingdom), 2009, 30, 407-419.	1.2	6
24	Estimation of SVE closure time. Journal of Hazardous Materials, 2008, 153, 575-581.	6.5	9
25	Reduced fouling tendencies of ultrafiltration membranes in wastewater treatment by plasma modification. Desalination, 2006, 189, 119-129.	4.0	61
26	Airflow dispersion in unsaturated soil. Journal of Contaminant Hydrology, 2006, 82, 118-132.	1.6	29
27	Optimization of nitrogen for bioventing of gasoline contaminated soil. Journal of Environmental Engineering and Science, 2005, 4, 29-42.	0.3	21
28	Biodegradation of Diesel Fuel in Soil Under Various Nitrogen Addition Regimes. Soil and Sediment Contamination, 2001, 10, 539-553.	1.1	44
29	Measurement of solubilities in supercritical fluids using a piezoelectric quartz crystal. Fluid Phase Equilibria, 2001, 187-188, 233-246.	1.4	17
30	Passive volatilization behaviour of gasoline in unsaturated soils. Journal of Contaminant Hydrology, 1999, 39, 137-159.	1.6	17
31	Oxygen uptake at Parshall flumes. Canadian Journal of Civil Engineering, 1998, 25, 769-776.	0.7	4
32	Parameters influencing oxygen uptake at clarifier weirs. Water Environment Research, 1996, 68, 988-994.	1.3	15
33	Retention capacities of immiscible chemicals in unsaturated soils. Water, Air, and Soil Pollution, 1996, 89, 277-289.	1.1	6
34	Supercritical carbon dioxide-soil partition coefficients. Journal of Supercritical Fluids, 1995, 8, 149-155.	1.6	10
35	Kinetic Model for the Supercritical Extraction of Contaminants from Soil. ACS Symposium Series, 1995, , 298-312.	0.5	2
36	Passive volatilization of gasoline from soil. Journal of Soil Contamination, 1995, 4, 123-135.	0.5	12

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37	Sorption of benzene, toluene, ethylbenzene and xylenes to various media. Journal of Hazardous Materials, 1994, 38, 113-126.	6.5	64
38	Enhanced removal of selected hydrocarbons from soil byPseudomonas aeruginosa UG2 biosurfactants and some chemical surfactants. Journal of Chemical Technology and Biotechnology, 1994, 59, 53-59.	1.6	83
39	Retention capacity of dry soils for NAPLs. Environmental Technology (United Kingdom), 1993, 14, 1073-1080.	1.2	8
40	Closure to Discussion of: **Model for predicting PCE desorption from contaminated soils**, N. Biswas *et al*., **64**, 170 (1992); Discussion by J.â€F. Kuo, **65**, 85 (1993).. Water Environment Research, 1993, 65, 88-88.	1.3	0
41	Model for predicting PCE desorption from contaminated soils. Water Environment Research, 1992, 64, 170-178.	1.3	11
42	Adsorption-desorption of trichloroethylene in granular media. Water, Air, and Soil Pollution, 1992, 65, 245-255.	1.1	31
43	Prediction of the movement of perchlor0ethylene in soil columns. Water, Air, and Soil Pollution, 1991, 60, 361-380.	1.1	3
44	PCE Volatilized from Stagnant Water and Soil. Journal of Environmental Engineering, ASCE, 1989, 115, 1199-1212.	0.7	0
45	Adsorption and desorption of perchloroethylene in soils, peat moss, and granular activated carbon. Canadian Journal of Civil Engineering, 1989, 16, 798-806.	0.7	10
46	Hybrid Treatment System to Remove Micromolecular SMPs from Fruit Wastewater Treated with an MBR. Canadian Journal of Civil Engineering, 0, , .	0.7	2