Lian-Shin Lin

List of Publications by Year
in descending order

48	1,134	361045 20	414034 32
papers	citations	h-index	g-index

49	49	49	1153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance of acid mine drainage sludge as an innovative catalytic oxidation source for treating vehicle-washing wastewater. Journal of Dispersion Science and Technology, 2022, 43, 50-60.	1.3	26
2	Iron recovery from acid mine drainage sludge as Fenton source for municipal wastewater treatment. International Journal of Environmental Analytical Chemistry, 2022, 102, 1245-1260.	1.8	32
3	Electrodialysis of softened produced water from shale gas development. Journal of Water Process Engineering, 2022, 45, 102486.	2.6	8
4	Land use, hydrology, and climate influence water quality of China's largest river. Journal of Environmental Management, 2022, 318, 115581.	3.8	14
5	Magnetic sludge byproducts for adsorptive phosphorus removal: Resource recovery from iron-based anaerobic sewage sludge. Waste Management, 2021, 120, 269-276.	3.7	9
6	Iron Coated-Sand from Acid Mine Drainage Waste for Being a Catalytic Oxidant Towards Municipal Wastewater Remediation. International Journal of Environmental Research, 2021, 15, 191-201.	1.1	26
7	Produced water softening using high-pH catholyte from brine electrolysis: reducing chemical transportation and environmental footprints. Journal of Water Process Engineering, 2021, 40, 101911.	2.6	8
8	Functional Interrelationships of Microorganisms in Iron-Based Anaerobic Wastewater Treatment. Microorganisms, 2021, 9, 1039.	1.6	5
9	Dissolved oxygen concentration predictions for running waters with different land use land cover using a quantile regression forest machine learning technique. Journal of Hydrology, 2021, 597, 126213.	2.3	37
10	Prospect of utilizing coal mine drainage sludge as an iron source for value-creating applications. Reviews in Environmental Science and Biotechnology, 2021, 20, 679-695.	3.9	5
11	Eutrophication and heavy metal pollution patterns in the water suppling lakes of Chinaâ€™s south-to-north water diversion project. Science of the Total Environment, 2020, 711, 134543.	3.9	79
12	Continuous ferric iron-dosed anaerobic wastewater treatment: Treatment performance, sludge characteristics, and microbial composition. Journal of Environmental Chemical Engineering, 2020, 8, 103537.	3.3	12
13	A holistic assessment of water quality condition and spatiotemporal patterns in impounded lakes along the eastern route of China's South-to-North water diversion project. Water Research, 2020, 185, 116275.	5.3	95
14	Attenuation of organics contamination in polymers processing effluent using iron-based sludge: process optimization and oxidation mechanism. Environmental Technology (United Kingdom), 2020, , 1-10.	1.2	27
15	Effects of Fe/S ratio on the kinetics and microbial ecology of an Fe(III)-dosed anaerobic wastewater treatment system. Journal of Hazardous Materials, 2019, 369, 593-600.	6.5	21
16	Elucidating biochemical transformations of Fe and S in an innovative Fe(II)-dosed anaerobic wastewater treatment process using spectroscopic and phylogenetic analyses. Chemical Engineering Journal, 2019, 358, 1208-1217.	6.6	15
17	Background electrolytes and pH effects on selenate adsorption using iron-impregnated granular activated carbon and surface binding mechanisms. Chemosphere, 2018, 195, 166-174.	4.2	19
18	Evaluation of Risk of Cholera after a Natural Disaster: Lessons Learned from the 2015 Nepal Earthquake. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	11

#	Article	IF	Citations
19	Ferric reduction in organic matter oxidation and its applicability for anaerobic wastewater treatment: a review and future aspects. Reviews in Environmental Science and Biotechnology, 2017, 16, 273-287.	3.9	19
20	Continuous sulfidogenic wastewater treatment with iron sulfide sludge oxidation and recycle. Water Research, 2017, 114, 210-217.	5.3	9
21	Remediation of Flowâ€Through Trout Raceway Effluent via Aquaponics. North American Journal of Aquaculture, 2017, 79, 53-60.	0.7	4
22	A case study for orphaned chemicals: 4-methylcyclohexanemethanol (MCHM) and propylene glycol phenyl ether (PPH) in riverine sediment and water treatment processes. Science of the Total Environment, 2017, 574, 1396-1404.	3.9	8
23	Evaluating aquaponic crops in a freshwater flow-through fish culture system. Aquaculture, 2016, 460, 15-24.	1.7	37
24	Biodegradation of MCHM and PPH in River Microcosms and Activated Sludge. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	6
25	Improved COD Measurements for Organic Content in Flowback Water with High Chloride Concentrations. Water Environment Research, 2016, 88, 210-216.	1.3	12
26	Kinetics and microbial ecology of batch sulfidogenic bioreactors for co-treatment of municipal wastewater and acid mine drainage. Journal of Hazardous Materials, 2016, 305, 200-208.	6.5	59
27	Scaling aquaponic systems: Balancing plant uptake with fish output. Aquacultural Engineering, 2014, 63, 39-44.	1.4	74
28	Two-stage combined treatment of acid mine drainage and municipal wastewater. Water Science and Technology, 2013, 67, 1000-1007.	1.2	31
29	Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions. Environmental Engineering Science, 2012, 29, 526-532.	0.8	42
30	Coal tar wastewater treatment and electricity production using a membrane-less tubular microbial fuel cell. Biotechnology and Bioprocess Engineering, 2012, 17, 654-660.	1.4	21
31	Effect of the disinfection agents chlorine, UV irradiation, silver ions, and TiO2 nanoparticles/near-UV on DNA molecules. Water Science and Technology, 2011, 64, 1226-1232.	1.2	22
32	Response of benthic macroinvertebrate communities to highway construction in an Appalachian watershed. Hydrobiologia, 2010, 641, 115-131.	1.0	15
33	Structural equation-based latent growth curve modeling of watershed attribute-regulated stream sensitivity to reduced acidic deposition. Ecological Modelling, 2010, 221, 2086-2094.	1.2	17
34	Effects of a small planktivore (Pseudorasbora parva: Cyprinidae) on eutrophication of a shallow eutrophic lake in central China. Aquatic Ecosystem Health and Management, 2010, 13, 328-334.	0.3	1
35	Adsorptive Removal of Parts per Million Level Selenate Using Iron-Coated GAC Adsorbents. Journal of Environmental Engineering, ASCE, 2010, 136, 1089-1095.	0.7	20
36	Fate of Amoxicillin in Mixed-Culture Bioreactors and Its Effects on Microbial Growth and Resistance to Silver Ions. Environmental Science & Technology, 2010, 44, 1827-1832.	4.6	11

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37	Effects of Highway Construction on Stream Water Quality and Macroinvertebrate Condition in a Midâ€Atlantic Highlands Watershed, USA. Journal of Environmental Quality, 2009, 38, 1672-1682.	1.0	29
38	Responses of streams in central Appalachian Mountain region to reduced acidic depositionâ€"Comparisons with other regions in North America and Europe. Science of the Total Environment, 2009, 407, 2285-2295.	3.9	11
39	Organics and Sulfate Reduction Using Microbial Fuel Cells - Novel Technology for Retort Water Treatment. Proceedings of the Water Environment Federation, 2009, 2009, 556-557.	0.0	0
40	Adsorptive selenite removal from water using iron-coated GAC adsorbents. Water Research, 2008, 42, 3809-3816.	5.3	159
41	Nonpoint Source Pollution. Water Environment Research, 2008, 80, 1827-1843.	1.3	0
42	Nonpoint Source Pollution. Water Environment Research, 2007, 79, 2032-2048.	1.3	7
43	Dyed Microspheres for Quantification of UV Dose Distributions: Photochemical Reactor Characterization by Lagrangian Actinometry. Proceedings of the Water Environment Federation, 2005, 2005, 271-297.	0.0	0
44	Development of a Nucleoside Analog UV Light Sensor. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 703-705.	0.4	3
45	NUMERICAL AND EXPERIMENTAL CHARACTERIZATIONS OF DOSE DISTRIBUTIONS IN UV DISINFECTION SYSTEMS. Proceedings of the Water Environment Federation, 2000, 2000, 104-118.	0.0	0
46	Inorganic fouling at quartz:water interfaces in ultraviolet photoreactorsâ€"I. Chemical characterization. Water Research, 1999, 33, 3321-3329.	5.3	33
47	Inorganic fouling at quartz:water interfaces in ultraviolet photoreactors: II. Temporal and spatial distributions. Water Research, 1999, 33, 3330-3338.	5.3	28
48	Inorganic fouling at quartz: water interfaces in ultraviolet photoreactors: III. Numerical modelling. Water Research, 1999, 33, 3339-3347.	5.3	7