

Yung-Tse Hung

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,192
citations

566801

15
h-index

377514

34
g-index

60
all docs

60
docs citations

60
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid Radioactive Wastes Treatment: A Review. <i>Water (Switzerland)</i> , 2011, 3, 551-565.	1.2	293
2	Electrocoagulation in Wastewater Treatment. <i>Water (Switzerland)</i> , 2011, 3, 495-525.	1.2	167
3	Sustainable treatment of landfill leachate. <i>Applied Water Science</i> , 2015, 5, 113-126.	2.8	125
4	Removal of hazardous heavy metals from aqueous environment by low-cost adsorption materials. <i>Environmental Chemistry Letters</i> , 2014, 12, 15-25.	8.3	90
5	Oxidation pond for municipal wastewater treatment. <i>Applied Water Science</i> , 2017, 7, 31-51.	2.8	75
6	Application of Ionizing Radiation in Wastewater Treatment: An Overview. <i>Water (Switzerland)</i> , 2020, 12, 19.	1.2	45
7	Potential Use of <i>Dimocarpus longan</i> Seeds as a Flocculant in Landfill Leachate Treatment. <i>Water (Switzerland)</i> , 2018, 10, 1672.	1.2	37
8	Poultry Slaughterhouse Wastewater Treatment Using Submerged Fibers in an Attached Growth Sequential Batch Reactor. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1734.	1.2	34
9	Biofilm Fixed Film Systems. <i>Water (Switzerland)</i> , 2011, 3, 843-868.	1.2	32
10	Applications of Nano-Zeolite in Wastewater Treatment: An Overview. <i>Water (Switzerland)</i> , 2022, 14, 137.	1.2	26
11	The Effectiveness of Silica Sand in Semi-Aerobic Stabilized Landfill Leachate Treatment. <i>Water (Switzerland)</i> , 2010, 2, 904-915.	1.2	22
12	Remediation of NORM and TENORM contaminated sites—Review article. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 588-596.	1.3	20
13	Effect of Fe-doped TiO ₂ photocatalysts on the degradation of acid orange 7. <i>Integrated Ferroelectrics</i> , 2016, 168, 1-9.	0.3	20
14	The effects of chemical coagulants on the decolorization of dyes by electrocoagulation using response surface methodology (RSM). <i>Applied Water Science</i> , 2017, 7, 2357-2371.	2.8	19
15	Biosorption Parameter Estimation with Genetic Algorithm. <i>Water (Switzerland)</i> , 2011, 3, 177-195.	1.2	16
16	Love Canal Tragedy. <i>Journal of Performance of Constructed Facilities</i> , 2007, 21, 313-319.	1.0	15
17	Plackett–Burman design and response surface methodological approach to optimize basic dyes removal using sugarcane bagasse. <i>Desalination and Water Treatment</i> , 2011, 25, 310-318.	1.0	13
18	Air dispersion modeling: A tool for environmental evaluation and improvement. <i>Environmental Quality Management</i> , 2003, 12, 75-86.	1.0	12

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19	Activated Sludge and Other Aerobic Suspended Culture Processes. <i>Water (Switzerland)</i> , 2011, 3, 806-818.	1.2	11
20	Reasons of Acceptance and Barriers of House Onsite Greywater Treatment and Reuse in Palestinian Rural Areas. <i>Water (Switzerland)</i> , 2020, 12, 1679.	1.2	11
21	Heavy Metals in Harvested Rainwater Used for Domestic Purposes in Rural Areas: Yatta Area, Palestine as a Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2683.	1.2	10
22	Effects of Stepwise Temperature Shifts in Anaerobic Digestion for Treating Municipal Wastewater Sludge: A Genomic Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5728.	1.2	10
23	Controlling Industrial Particulate Emissions: A Practical Overview of Baghouse Technology. <i>Environmental Quality Management</i> , 2002, 11, 53-64.	1.0	8
24	Ozone Effects on Vegetation: A Walk from Cells to Ecosystems. <i>Handbook of Environment and Waste Management</i> , 2020, , 357-396.	0.3	7
25	Removal of basic dyes from aqueous solution using sugarcane bagasse: optimization by Plackett-Burman and Response Surface Methodology. <i>Desalination and Water Treatment</i> , 2013, 51, 7109-7119.	1.0	6
26	Chemical waste and allied products. <i>Water Environment Research</i> , 2020, 92, 1504-1509.	1.3	6
27	Treatment of potato processing wastewaters by activated carbon adsorption process. <i>American Potato Journal</i> , 1984, 61, 9-22.	0.4	5
28	Application of conventional and statistical experimental methodology to optimize malachite green dye removal from aqueous solutions. <i>Desalination and Water Treatment</i> , 2014, , 1-13.	1.0	5
29	Enhancement of Power Generation and Organic Removal in Double Anode Chamber Designed Dual-Chamber Microbial Fuel Cell (DAC-DCMFC). <i>Water (Switzerland)</i> , 2021, 13, 2941.	1.2	5
30	Ground-Level Ozone Profile and the Role of Plants as Sources and Sinks. <i>Handbook of Environment and Waste Management</i> , 2020, , 281-324.	0.3	5
31	Reduction of COD and Highly Coloured Mature Landfill Leachate by Tin Tetrachloride with Rubber Seed and Polyacrylamide. <i>Water (Switzerland)</i> , 2021, 13, 3062.	1.2	5
32	Influence of Particle Size and Zeta Potential in Treating Highly Coloured Old Landfill Leachate by Tin Tetrachloride and Rubber Seed. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3016.	1.2	5
33	Chemical Waste and Allied Products. <i>Water Environment Research</i> , 2014, 86, 1447-1497.	1.3	4
34	Water Quality Engineering and Wastewater Treatment. <i>Water (Switzerland)</i> , 2021, 13, 330.	1.2	4
35	Cesspits as Onsite Sanitation Facilities in the Non-Sewered Palestinian Rural Areas: Users' Satisfaction, Needs and Perception. <i>Water (Switzerland)</i> , 2022, 14, 849.	1.2	4
36	Kinetic Study of the Anaerobic Digestion of Recycled Paper Mill Effluent (RPME) by Using a Novel Modified Anaerobic Hybrid Baffled (MAHB) Reactor. <i>Water (Switzerland)</i> , 2022, 14, 390.	1.2	3

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37	Bio-augmented activated sludge treatment of potato wastewaters. <i>Clean - Soil, Air, Water</i> , 1988, 16, 213-220.	0.8	2
38	Chemical Waste and Allied Products. <i>Water Environment Research</i> , 2015, 87, 1312-1359.	1.3	2
39	Greenhouse Gases. <i>Handbook of Environment and Waste Management</i> , 2020, , 531-554.	0.3	2
40	Treatment of Acid Orange 74 Wastewater and Sugar Wastewater by Low Cost Adsorbents. <i>Journal of Advanced Chemical Sciences</i> , 2018, 4, 583-585.	0.2	2
41	Air Pollution from Secondary Aluminum Production: Determining the Applicability of MACT Requirements. <i>Environmental Quality Management</i> , 2001, 10, 45-56.	1.0	1
42	Air dispersion modeling: Using SCREEN3 to determine the MAGLC of air toxics. <i>Environmental Quality Management</i> , 2003, 12, 67-79.	1.0	1
43	Chemical Waste and Allied Products. <i>Water Environment Research</i> , 2016, 88, 1374-1394.	1.3	1
44	Acid Rain: A Growing Global Concern. <i>Handbook of Environment and Waste Management</i> , 2020, , 59-93.	0.3	1
45	Activated Sludge and Other Aerobic Suspended Culture Processes. <i>Water (Switzerland)</i> , 2011, 3, 806-818.	1.2	1
46	Sulfur Dioxide Emission and Mitigation. <i>Handbook of Environment and Waste Management</i> , 2020, , 627-658.	0.3	1
47	Landfill Methane Emissions. <i>Handbook of Environment and Waste Management</i> , 2020, , 397-454.	0.3	1
48	Global Warming and Mitigation. <i>Handbook of Environment and Waste Management</i> , 2020, , 583-607.	0.3	1
49	Ambient Ozone Alternative Monitoring and Biomonitoring with Higher Plants. <i>Handbook of Environment and Waste Management</i> , 2020, , 325-356.	0.3	1
50	Chemical Waste and Allied Products. <i>Water Environment Research</i> , 2018, 90, 1021-1032.	1.3	0
51	Utilization of Agro-based Adsorbents in Binary Wastewater Treatment. <i>Journal of Environmental Science and Pollution Research</i> , 2021, 7, 451-454.	0.2	0
52	The Impact Assessment of Energy, Agriculture, and Socioeconomic Indicators on Carbon Dioxide Emissions in Ghana. <i>Handbook of Environment and Waste Management</i> , 2020, , 137-201.	0.3	0
53	Reduction and Mitigation of Greenhouse Gases. <i>Handbook of Environment and Waste Management</i> , 2020, , 555-581.	0.3	0
54	Mitigation of Sulfur Dioxide and Other Air Pollutants. <i>Handbook of Environment and Waste Management</i> , 2020, , 659-688.	0.3	0

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55	Rain pH Estimation Based on the Particulate Matter Pollutants and Wet Deposition Study. Handbook of Environment and Waste Management, 2020, , 95-136.	0.3	0
56	Analysis of Energy Consumption and Emission of CO ₂ in Students' Halls of Residence (Hostels) in Lagos, Nigeria. Handbook of Environment and Waste Management, 2020, , 203-235.	0.3	0
57	Agricultural Sources of Greenhouse Gases. Handbook of Environment and Waste Management, 2020, , 483-529.	0.3	0
58	Nitrous Oxide Emissions and Mitigation. Handbook of Environment and Waste Management, 2020, , 609-625.	0.3	0
59	Carbon Dioxide Emission and Mitigation. Handbook of Environment and Waste Management, 2020, , 237-280.	0.3	0
60	The Causes, History and Effects of Acid Rain. Handbook of Environment and Waste Management, 2020, , 27-57.	0.3	0