Puganeshwary Palaniandy

List of Publications by Year
in descending order

33	799	687363 13	526287 27
papers	citations	h-index	g-index

34	34	34	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence and removal of pharmaceuticals in wastewater treatment plants. Chemical Engineering Research and Design, 2021, 150, 532-556.	5.6	105
2	Removal of acetaminophen using Fe2O3-TiO2 nanocomposites by photocatalysis under simulated solar irradiation: Optimization study. Journal of Environmental Chemical Engineering, 2021, 9, 104921.	6.7	82
3	Pharmaceutical residues in aquatic environment and water remediation by TiO2 heterogeneous photocatalysis: a review. Environmental Earth Sciences, 2017, 76, 1.	2.7	81
4	Ash based nanocomposites for photocatalytic degradation of textile dye pollutants: A review. Materials Chemistry and Physics, 2020, 241, 122405.	4.0	75
5	Removal of organic pollutants from water by Fe2O3/TiO2 based photocatalytic degradation: A review. Environmental Technology and Innovation, 2021, 21, 101230.	6.1	74
6	Optimization of coagulation and dissolved air flotation (DAF) treatment of semi-aerobic landfill leachate using response surface methodology (RSM). Desalination, 2011, 277, 74-82.	8.2	60
7	Treatment of petroleum wastewater using combination of solar photo-two catalyst TiO2 and photo-Fenton process. Journal of Environmental Chemical Engineering, 2015, 3, 1117-1124.	6.7	56
8	Review of the Mechanism and Operational Factors Influencing the Degradation Process of Contaminants in Heterogenous Photocatalysis. Journal of Chemical Research, 2016, 40, 704-712.	1.3	50
9	Application of dissolved air flotation (DAF) in semi-aerobic leachate treatment. Chemical Engineering Journal, 2010, 157, 316-322.	12.7	43
10	Evaluating photo-degradation of COD and TOC in petroleum refinery wastewater by using TiO2/ZnO photo-catalyst. Water Science and Technology, 2016, 74, 1312-1325.	2.5	35
11	Evaluating the TiO2 as a solar photocatalyst process by response surface methodology to treat the petroleum waste water. Karbala International Journal of Modern Science, 2015, 1, 78-85.	1.0	23
12	Photocatalytic Degradation of Pharmaceuticals Using TiO₂ Based Nanocomposite Catalyst-Review. Civil and Environmental Engineering Reports, 2019, 29, 1-33.	0.3	19
13	Evaluation of the solar photo-Fenton process to treat the petroleum wastewater by response surface methodology (RSM). Environmental Earth Sciences, 2016, 75, 1.	2.7	16
14	Pollutants removal from saline water by solar photocatalysis: a review of experimental and theoretical approaches. International Journal of Environmental Analytical Chemistry, 2023, 103, 4155-4175.	3.3	13
15	Removal of lindane and Escherichia coli (E.coli) from rainwater using photocatalytic and adsorption treatment processes. Global Nest Journal, 2017, 19, 191-198.	0.1	11
16	Comparative Study of Advanced Oxidation Processes to Treat Petroleum Wastewater. Hungarian Journal of Industrial Chemistry, 2015, 43, 97-101.	0.3	10
17	Performance of natural sunlight on paracetamol removal from synthetic pharmaceutical wastewater using heterogeneous TiO2 photocatalyst. , 0, 78, 341-349.		9
18	Large-scale study for the photocatalytic degradation of paracetamol using Fe2O3/TiO2 nanocomposite catalyst and CPC reactor under natural sunlight radiations. MethodsX, 2019, 6, 2735-2743.	1.6	6

#	Article	IF	Citations
19	Performance of different photocatalytic oxidation processes in petroleum wastewater treatment: A Comparative Study. Global Nest Journal, 2017, 19, 167-175.	0.1	6
20	Pharmaceutical Removal from Synthetic Wastewater Using Heterogeneous - Photocatalyst. Applied Mechanics and Materials, 0, 802, 507-512.	0.2	4
21	Evaluation of the photocatalyst of TiO2/Fenton/ZnO to treat the petroleum wastewater. AIP Conference Proceedings, 2017, , .	0.4	4
22	Evaluating of performance of landfills of waste in Al-Amerat and Barka, in Oman. Materials Today: Proceedings, 2019, 17, 1152-1160.	1.8	3
23	5 Dissolved Air Flotation (DAF) for Wastewater Treatment. Advances in Industrial and Hazardous Wastes Treatment Series, 2017, , 145-182.	0.0	3
24	Removal of fluoranthene and pyrene from rainwater using solar/TiO2 photocatalysis: Optimization study. AIP Conference Proceedings, 2021, , .	0.4	2
25	Advanced Oxidation Processes (AOPs) to Treat the Petroleum Wastewater. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 99-122.	0.4	2
26	Shrimp pond wastewater treatment using pyrolyzed chicken feather as adsorbent. AIP Conference Proceedings, 2017, , .	0.4	1
27	The potential use of rainwater as alternative source of drinking water by using laterite soil as natural adsorbent. AIP Conference Proceedings, 2017, , .	0.4	1
28	Use of photocatalysis for conversion of harvested rainwater as an alternative source into drinking water. Global Nest Journal, 2018, 20, 243-256.	0.1	1
29	Inorganic carbon removal from refinery wastewater by using TiO2/ZnO/Fenton photocatalyst. Global Nest Journal, 2018, 20, 216-225.	0.1	1
30	DISSOLVED AIR FLOTATION (DAF) PROCESS FOR COLOUR AND CHEMICAL OXYGEN DEMAND (COD) REMOVAL IN LANDFILL LEACHTE TREATMETN. , 2009, , .		0
31	Adsorption studies on heavy metal removal from synthetic wastewater by pyrolyzed chicken feather fiber. , 0, 62, 307-315.		0
32	Dissolved Air Flotation (DAF) for Wastewater Treatment. , 2017, , 657-694.		0
33	Photocatalysis (TiO2/Solar) in Water and Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 171-199.	0.4	0