# 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 | 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 |
| 2 | Removal of organic pollutants from water by Fe2O3/TiO2 based photocatalytic degradation: A review. Environmental Technology and Innovation, 2021, 21, 101230. | 6.1 | 74 |
| 3 | 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 |
| 4 | Occurrence and removal of pharmaceuticals in wastewater treatment plants. Chemical Engineering Research and Design, 2021, 150, 532-556. | 5.6 | 105 |
| 5 | Removal of fluoranthene and pyrene from rainwater using solar/TiO2 photocatalysis: Optimization study. AIP Conference Proceedings, 2021, , . | 0.4 | 2 |
| 6 | Ash based nanocomposites for photocatalytic degradation of textile dye pollutants: A review. Materials Chemistry and Physics, 2020, 241, 122405. | 4.0 | 75 |
| 7 | Evaluating of performance of landfills of waste in Al-Amerat and Barka, in Oman. Materials Today: Proceedings, 2019, 17, 1152-1160. | 1.8 | 3 |
| 8 | 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 |
| 9 | Photocatalytic Degradation of Pharmaceuticals Using TiO<sub>2</sub> Based Nanocomposite Catalyst-Review. Civil and Environmental Engineering Reports, 2019, 29, 1-33. | 0.3 | 19 |
| 10 | Advanced Oxidation Processes (AOPs) to Treat the Petroleum Wastewater. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 99-122. | 0.4 | 2 |
| 11 | Photocatalysis (TiO2/Solar) in Water and Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 171-199. | 0.4 | 0 |
| 12 | 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 |
| 13 | Inorganic carbon removal from refinery wastewater by using TiO2/ZnO/Fenton photocatalyst. Global Nest Journal, 2018, 20, 216-225. | 0.1 | 1 |
| 14 | Pharmaceutical residues in aquatic environment and water remediation by TiO2 heterogeneous photocatalysis: a review. Environmental Earth Sciences, 2017, 76, 1. | 2.7 | 81 |
| 15 | Shrimp pond wastewater treatment using pyrolyzed chicken feather as adsorbent. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 16 | Evaluation of the photocatalyst of TiO2/Fenton/ZnO to treat the petroleum wastewater. AIP Conference Proceedings, 2017, , . | 0.4 | 4 |
| 17 | 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 |
| 18 | 5 Dissolved Air Flotation (DAF) for Wastewater Treatment. Advances in Industrial and Hazardous Wastes Treatment Series, 2017, , 145-182. | 0.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Performance of different photocatalytic oxidation processes in petroleum wastewater treatment: A Comparative Study. Global Nest Journal, 2017, 19, 167-175. | 0.1 | 6 |
| 21 | Dissolved Air Flotation (DAF) for Wastewater Treatment. , 2017, , 657-694. | | 0 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Comparative Study of Advanced Oxidation Processes to Treat Petroleum Wastewater. Hungarian Journal of Industrial Chemistry, 2015, 43, 97-101. | 0.3 | 10 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Application of dissolved air flotation (DAF) in semi-aerobic leachate treatment. Chemical Engineering Journal, 2010, 157, 316-322. | 12.7 | 43 |
| 30 | DISSOLVED AIR FLOTATION (DAF) PROCESS FOR COLOUR AND CHEMICAL OXYGEN DEMAND (COD) REMOVAL IN LANDFILL LEACHTE TREATMETN. , 2009, , . | | 0 |
| 31 | Pharmaceutical Removal from Synthetic Wastewater Using Heterogeneous - Photocatalyst. Applied Mechanics and Materials, 0, 802, 507-512. | 0.2 | 4 |
| 32 | Performance of natural sunlight on paracetamol removal from synthetic pharmaceutical wastewater using heterogeneous TiO2 photocatalyst. , 0, 78, 341-349. | | 9 |
| 33 | Adsorption studies on heavy metal removal from synthetic wastewater by pyrolyzed chicken feather fiber. , 0, 62, 307-315. | | 0 |