Manuel PeÃ±as-GarzÃ³n

List of Publications by Year
in descending order

16 papers	996 citations	758635 12 h-index	1125271 13 g-index
18 all docs	18 docs citations	18 times ranked	1055 citing authors

#	Article	IF	Citations
1	A Review on the Synthesis and Characterization of Metal Organic Frameworks for Photocatalytic Water Purification. Catalysts, 2019, 9, 52.	1.6	215
2	Mixed Ti-Zr metal-organic-frameworks for the photodegradation of acetaminophen under solar irradiation. Applied Catalysis B: Environmental, 2019, 253, 253-262.	10.8	137
3	Review on Activated Carbons by Chemical Activation with FeCl3. Journal of Carbon Research, 2020, 6, 21.	1.4	86
4	C-modified TiO2 using lignin as carbon precursor for the solar photocatalytic degradation of acetaminophen. Chemical Engineering Journal, 2019, 358, 1574-1582.	6.6	82
5	A Review on the Synthesis and Characterization of Biomass-Derived Carbons for Adsorption of Emerging Contaminants from Water. Journal of Carbon Research, 2018, 4, 63.	1.4	80
6	Degradation pathways of emerging contaminants using TiO2-activated carbon heterostructures in aqueous solution under simulated solar light. Chemical Engineering Journal, 2020, 392, 124867.	6.6	76
7	Semiconductor Photocatalysis for Water Purification. , 2019, , 581-651.		68
8	Solar photocatalytic degradation of parabens using UiO-66-NH2. Separation and Purification Technology, 2022, 286, 120467.	3.9	58
9	Effect of Activating Agent on the Properties of TiO2/Activated Carbon Heterostructures for Solar Photocatalytic Degradation of Acetaminophen. Materials, 2019, 12, 378.	1.3	51
10	TiO2-carbon microspheres as photocatalysts for effective remediation of pharmaceuticals under simulated solar light. Separation and Purification Technology, 2021, 275, 119169.	3.9	38
11	Equilibrium, kinetics and breakthrough curves of acetaminophen adsorption onto activated carbons from microwave-assisted FeCl3-activation of lignin. Separation and Purification Technology, 2021, 278, 119654.	3.9	35
12	Highly stable UiO-66-NH2 by the microwave-assisted synthesis for solar photocatalytic water treatment. Journal of Environmental Chemical Engineering, 2022, 10, 107122.	3.3	32
13	Solar photocatalytic degradation of emerging contaminants using NH2-MIL-125 grafted by heterocycles. Separation and Purification Technology, 2022, 297, 121442.	3.9	15
14	Structured photocatalysts for the removal of emerging contaminants under visible or solar light. , 2020, , 41-98.		6
15	Metalâ€“organic frameworks for water purification. , 2020, , 241-283.		5
16	Enhanced photodegradation of acetaminophen over Sr@TiO2/UiO-66-NH2 heterostructures under solar light irradiation. Chemical Engineering Journal, 2022, 446, 137229.	6.6	5