Yan Wang

List of Publications by Year
in descending order

7 papers	313 citations	1478505 6 h-index	1872680 6 g-index
7 all docs	7 docs citations	7 times ranked	330 citing authors

#	Article	IF	Citations
1	Efficient adsorption and sustainable degradation of gaseous acetaldehyde and o-xylene using rGO-TiO2 photocatalyst. Chemical Engineering Journal, 2018, 349, 708-718.	12.7	102
2	Visible-Light Upconversion Carbon Quantum Dots Decorated TiO2 for the Photodegradation of Flowing Gaseous Acetaldehyde. Applied Surface Science, 2018, 440, 266-274.	6.1	73
3	Enhanced photocatalytic performance of Ag@TiO2 for the gaseous acetaldehyde photodegradation under fluorescent lamp. Chemical Engineering Journal, 2018, 341, 83-92.	12.7	62
4	TiO2/TaS2 with superior charge separation and adsorptive capacity to the photodegradation of gaseous acetaldehyde. Chemical Engineering Journal, 2020, 379, 122395.	12.7	33
5	Polarity on adsorption and photocatalytic performances of N-GR/TiO2 towards gaseous acetaldehyde and ethylene. Applied Surface Science, 2019, 485, 255-265.	6.1	26
6	Band bending of TiO2 induced by O-xylene and acetaldehyde adsorption and its effect on the generation of active radicals. Journal of Colloid and Interface Science, 2020, 572, 374-383.	9.4	17
7	Surface modification of 2-D Ti3C2Tx for the effective capture and elimination of acetaldehyde as a co-catalyst: A theoretical and experimental study. Surfaces and Interfaces, 2021, 25, 101284.	3.0	0