

Yan Wang

List of Publications by Year in descending order

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