

Guiying Rao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

419
citations

1163117

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1199594

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12
all docs

12
docs citations

12
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmentally Persistent Free Radicals: Insights on a New Class of Pollutants. Environmental Science & Technology, 2018, 52, 2468-2481.	10.0	171
2	Enhancing photocatalytic CO ₂ reduction by coating an ultrathin Al ₂ O ₃ layer on oxygen deficient TiO ₂ nanorods through atomic layer deposition. Applied Surface Science, 2017, 404, 49-56.	6.1	55
3	Synthesis of novel MgAl layered double oxide grafted TiO ₂ cuboids and their photocatalytic activity on CO ₂ reduction with water vapor. Catalysis Science and Technology, 2015, 5, 3288-3295.	4.1	47
4	Factors contributing to flux improvement in vacuum-enhanced direct contact membrane distillation. Desalination, 2015, 367, 197-205.	8.2	37
5	Partitioning of volatile organic compounds to aerosols: A review. Chemosphere, 2018, 212, 282-296.	8.2	35
6	Simplified flux prediction in direct-contact membrane distillation using a membrane structural parameter. Desalination, 2014, 351, 151-162.	8.2	33
7	FeOOH and Fe ₂ O ₃ co-grafted TiO ₂ photocatalysts for bisphenol A degradation in water. Catalysis Communications, 2017, 97, 125-129.	3.3	27
8	Feasibility study of flowback/produced water treatment using direct-contact membrane distillation. Desalination and Water Treatment, 2016, 57, 21314-21327.	1.0	10
9	A method to measure the partitioning coefficient of volatile organic compounds in nanoparticles. MethodsX, 2020, 7, 101041.	1.6	1
10	Dependence on Humidity and Aerosol Composition of the Gas-particle Partitioning of Weakly and Moderately Polar VOCs. Aerosol and Air Quality Research, 2021, 21, 210094.	2.1	1
11	Temperature dependence of the gas-particle partitioning of selected VOCs. Environmental Sciences: Processes and Impacts, 2021, 23, 947-955.	3.5	1
12	Partitioning of 1,2-dichlorobenzene onto organic and inorganic aerosols. Environmental Chemistry, 2021, 18, 61.	1.5	1