

Guiying Rao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

419
citations

1162889

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1199470

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docs citations

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678
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence on Humidity and Aerosol Composition of the Gas-particle Partitioning of Weakly and Moderately Polar VOCs. <i>Aerosol and Air Quality Research</i> , 2021, 21, 210094.	0.9	1
2	Temperature dependence of the gas-particle partitioning of selected VOCs. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 947-955.	1.7	1
3	Partitioning of 1,2-dichlorobenzene onto organic and inorganic aerosols. <i>Environmental Chemistry</i> , 2021, 18, 61.	0.7	1
4	A method to measure the partitioning coefficient of volatile organic compounds in nanoparticles. <i>MethodsX</i> , 2020, 7, 101041.	0.7	1
5	Environmentally Persistent Free Radicals: Insights on a New Class of Pollutants. <i>Environmental Science & Technology</i> , 2018, 52, 2468-2481.	4.6	171
6	Partitioning of volatile organic compounds to aerosols: A review. <i>Chemosphere</i> , 2018, 212, 282-296.	4.2	35
7	Enhancing photocatalytic CO ₂ reduction by coating an ultrathin Al ₂ O ₃ layer on oxygen deficient TiO ₂ nanorods through atomic layer deposition. <i>Applied Surface Science</i> , 2017, 404, 49-56.	3.1	55
8	FeOOH and Fe ₂ O ₃ co-grafted TiO ₂ photocatalysts for bisphenol A degradation in water. <i>Catalysis Communications</i> , 2017, 97, 125-129.	1.6	27
9	Feasibility study of flowback/produced water treatment using direct-contact membrane distillation. <i>Desalination and Water Treatment</i> , 2016, 57, 21314-21327.	1.0	10
10	Factors contributing to flux improvement in vacuum-enhanced direct contact membrane distillation. <i>Desalination</i> , 2015, 367, 197-205.	4.0	37
11	Synthesis of novel MgAl layered double oxide grafted TiO ₂ cuboids and their photocatalytic activity on CO ₂ reduction with water vapor. <i>Catalysis Science and Technology</i> , 2015, 5, 3288-3295.	2.1	47
12	Simplified flux prediction in direct-contact membrane distillation using a membrane structural parameter. <i>Desalination</i> , 2014, 351, 151-162.	4.0	33