

Chao Gao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,334
citations

623734

14
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast all-climate aluminum-graphene battery with quarter-million cycle life. <i>Science Advances</i> , 2017, 3, eaao7233.	10.3	316
2	Direct 3D Printing of Ultralight Graphene Oxide Aerogel Microlattices. <i>Advanced Functional Materials</i> , 2018, 28, 1707024.	14.9	284
3	Porous Graphene Microflowers for High-Performance Microwave Absorption. <i>Nano-Micro Letters</i> , 2018, 10, 26.	27.0	255
4	Low-cost AlCl ₃ /Et ₃ NHCl electrolyte for high-performance aluminum-ion battery. <i>Energy Storage Materials</i> , 2019, 17, 38-45.	18.0	124
5	Sheet Collapsing Approach for Rubber-like Graphene Papers. <i>ACS Nano</i> , 2017, 11, 8092-8102.	14.6	50
6	Superconducting Continuous Graphene Fibers via Calcium Intercalation. <i>ACS Nano</i> , 2017, 11, 4301-4306.	14.6	47
7	Assessing the Uncertainties of Four Precipitation Products for Swat Modeling in Mekong River Basin. <i>Remote Sensing</i> , 2019, 11, 304.	4.0	47
8	Stochastic generation of daily rainfall events: A single-site rainfall model with Copula-based joint simulation of rainfall characteristics and classification and simulation of rainfall patterns. <i>Journal of Hydrology</i> , 2018, 564, 41-58.	5.4	43
9	Assessing responses of hydrological processes to climate change over the southeastern Tibetan Plateau based on resampling of future climate scenarios. <i>Science of the Total Environment</i> , 2019, 664, 737-752.	8.0	34
10	Assessment of extreme flows and uncertainty under climate change: disentangling the uncertainty contribution of representative concentration pathways, global climate models and internal climate variability. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3251-3269.	4.9	25
11	Effects of climate change on peak runoff and flood levels in Qu River Basin, East China. <i>Journal of Hydro-Environment Research</i> , 2020, 28, 34-47.	2.2	24
12	A High-Performance Direct Methanol Fuel Cell Technology Enabled by Mediating High-Concentration Methanol through a Graphene Aerogel. <i>Small Methods</i> , 2018, 2, 1800138.	8.6	20
13	Impacts of climate change on characteristics of daily-scale rainfall events based on nine selected GCMs under four CMIP5 RCP scenarios in Qu River basin, east China. <i>International Journal of Climatology</i> , 2020, 40, 887-907.	3.5	20
14	Historical pan evaporation changes in the Qiantang River Basin, East China. <i>International Journal of Climatology</i> , 2016, 36, 1928-1942.	3.5	16
15	Development and hydrometeorological evaluation of a new stochastic daily rainfall model: Coupling Markov chain with rainfall event model. <i>Journal of Hydrology</i> , 2020, 589, 125337.	5.4	15
16	Evaluation of TIGGE Daily Accumulated Precipitation Forecasts over the Qu River Basin, China. <i>Journal of Meteorological Research</i> , 2019, 33, 747-764.	2.4	10
17	A new framework for a multi-site stochastic daily rainfall model: Coupling a univariate Markov chain model with a multi-site rainfall event model. <i>Journal of Hydrology</i> , 2021, 598, 126478.	5.4	3