

Xiao Dong

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,460
citations

361413

20
h-index

361022

35
g-index

58
all docs

58
docs citations

58
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	MitoBomb: Targeting Mitochondria for Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007778.	21.0	168
2	Enhanced Drug Delivery by Nanoscale Integration of a Nitric Oxide Donor To Induce Tumor Collagen Depletion. <i>Nano Letters</i> , 2019, 19, 997-1008.	9.1	161
3	Biomimetic Liposomal Nanoplatinum for Targeted Cancer Chemophotherapy. <i>Advanced Science</i> , 2021, 8, 2003679.	11.2	87
4	Nanobowl-Supported Liposomes Improve Drug Loading and Delivery. <i>Nano Letters</i> , 2020, 20, 4177-4187.	9.1	81
5	Recent Advances in Polymeric Nanoparticles for Enhanced Fluorescence and Photoacoustic Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17797-17809.	13.8	61
6	Description and Climate Simulation Performance of CAS-ESM Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002210.	3.8	59
7	Tumor priming using metronomic chemotherapy with neovasculature-targeted, nanoparticulate paclitaxel. <i>Biomaterials</i> , 2016, 95, 60-73.	11.4	51
8	Stimulus-responsive self-assembled prodrugs in cancer therapy. <i>Chemical Science</i> , 2022, 13, 4239-4269.	7.4	48
9	Integrated Combination Treatment Using a Smart-Chemotherapy and MicroRNA Delivery System Improves Outcomes in an Orthotopic Colorectal Cancer Model. <i>Advanced Functional Materials</i> , 2018, 28, 1801118.	14.9	39
10	Adaptive Collaborative Similarity Learning for Unsupervised Multi-view Feature Selection. , 2018, , .		38
11	ENSO Frequency Asymmetry and the Pacific Decadal Oscillation in Observations and 19 CMIP5 Models. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 495-506.	4.3	37
12	Light-Triggered Efficient Sequential Drug Delivery of Biomimetic Nanosystem for Multimodal Chemo, Antiangiogenic, and Anti-MDSC Therapy in Melanoma. <i>Advanced Materials</i> , 2022, 34, e2106682.	21.0	37
13	Influences of the Pacific Decadal Oscillation on the East Asian Summer Monsoon in non-ENSO years. <i>Atmospheric Science Letters</i> , 2016, 17, 115-120.	1.9	36
14	Delta-like ligand 4-targeted nanomedicine for antiangiogenic cancer therapy. <i>Biomaterials</i> , 2015, 42, 161-171.	11.4	32
15	Phase transition of the Pacific decadal oscillation and decadal variation of the East Asian summer monsoon in the 20th century. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 330-338.	4.3	32
16	KATZMDA: Prediction of miRNA-Disease Associations Based on KATZ Model. <i>IEEE Access</i> , 2018, 6, 3943-3950.	4.2	30
17	Biomimetic, Hypoxia-Responsive Nanoparticles Overcome Residual Chemo-resistant Leukemic Cells with Co-Targeting of Therapy-Induced Bone Marrow Niches. <i>Advanced Functional Materials</i> , 2020, 30, 2000309.	14.9	29
18	Weighted locality collaborative representation based on sparse subspace. <i>Journal of Visual Communication and Image Representation</i> , 2019, 58, 187-194.	2.8	28

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19	A scalable parallel algorithm for atmospheric general circulation models on a multi-core cluster. <i>Future Generation Computer Systems</i> , 2017, 72, 1-10.	7.5	25
20	Revisiting the relationship between the South Asian summer monsoon drought and El Niño warming pattern. <i>Atmospheric Science Letters</i> , 2017, 18, 175-182.	1.9	25
21	Joint graph regularization based modality-dependent cross-media retrieval. <i>Multimedia Tools and Applications</i> , 2018, 77, 3009-3027.	3.9	24
22	A novel "mosaic-type" nanoparticle for selective drug release targeting hypoxic cancer cells. <i>Nanoscale</i> , 2019, 11, 2211-2222.	5.6	22
23	CAS-ESM2.0 Model Datasets for the CMIP6 Ocean Model Intercomparison Project Phase 1 (OMIP1). <i>Advances in Atmospheric Sciences</i> , 2021, 38, 307-316.	4.3	20
24	Engineered Cell-Penetrating Peptides for Mitochondrion-Targeted Drug Delivery in Cancer Therapy. <i>Chemistry - A European Journal</i> , 2021, 27, 14721-14729.	3.3	19
25	A two-stage learning approach to face recognition. <i>Journal of Visual Communication and Image Representation</i> , 2017, 43, 21-29.	2.8	17
26	Anomalous western Pacific subtropical high during El Niño developing summer in comparison with decaying summer. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 360-367.	4.3	17
27	Unsupervised Deep K-Means Hashing for Efficient Image Retrieval and Clustering. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021, 31, 3266-3277.	8.3	17
28	CAS-ESM2.0 Model Datasets for the CMIP6 Flux-Anomaly-Forced Model Intercomparison Project (FAFMIP). <i>Advances in Atmospheric Sciences</i> , 2021, 38, 296-306.	4.3	17
29	Intracellular Co-delivery of native antibody and siRNA for combination therapy by using biodegradable silica nanocapsules. <i>Biomaterials</i> , 2022, 281, 121376.	11.4	16
30	Trio-based collaborative multi-view graph clustering with multiple constraints. <i>Information Processing and Management</i> , 2021, 58, 102466.	8.6	14
31	Targeted Micellar Phthalocyanine for Lymph Node Metastasis Homing and Photothermal Therapy in an Orthotopic Colorectal Tumor Model. <i>Nano-Micro Letters</i> , 2021, 13, 145.	27.0	14
32	Climate influence on the 2019 fires in Amazonia. <i>Science of the Total Environment</i> , 2021, 794, 148718.	8.0	14
33	Semi-supervised modality-dependent cross-media retrieval. <i>Multimedia Tools and Applications</i> , 2018, 77, 3579-3595.	3.9	13
34	Zonal displacement of the Western North Pacific subtropical high from early to late summer. <i>International Journal of Climatology</i> , 2020, 40, 5029-5041.	3.5	13
35	Simulation of the western North Pacific subtropical high in El Niño decaying summers by CMIP5 AGCMs. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 146-155.	1.3	12
36	Joint feature selection and graph regularization for modality-dependent cross-modal retrieval. <i>Journal of Visual Communication and Image Representation</i> , 2018, 54, 213-222.	2.8	12

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37	Self-Training Enhanced: Network Embedding and Overlapping Community Detection With Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6737-6748.	11.3	12
38	Evaluation of ocean data assimilation in CAS-ESM-C: Constraining the SST field. Advances in Atmospheric Sciences, 2016, 33, 795-807.	4.3	11
39	Characterization of an orthotopic gastric cancer mouse model with lymph node and organ metastases using bioluminescence imaging. Oncology Letters, 2018, 16, 5179-5185.	1.8	8
40	Cell-Penetrating Mitochondrion-Targeting Ligands for the Universal Delivery of Small Molecules, Proteins and Nanomaterials. Chemistry - A European Journal, 2021, 27, 12207-12214.	3.3	8
41	Comparison of the two modes of the Western Pacific subtropical high between early and late summer. Atmospheric Science Letters, 2017, 18, 153-160.	1.9	7
42	Live-Cell Imaging of Survivin mRNA by Using a Dual-Color Surface-Cross-Linked Nanoquencher. Analytical Chemistry, 2021, 93, 12081-12089.	6.5	7
43	Broad-Spectrum Polymeric Nanoquencher as an Efficient Fluorescence Sensing Platform for Biomolecular Detection. ACS Sensors, 2021, 6, 3102-3111.	7.8	7
44	Two anomalous convective systems in the tropical western Pacific and their influences on the East Asian summer monsoon. Atmospheric and Oceanic Science Letters, 2017, 10, 319-324.	1.3	5
45	The climatology and interannual variability of the East Asian summer monsoon simulated by a weakly coupled data assimilation system. Atmospheric and Oceanic Science Letters, 2019, 12, 140-146.	1.3	5
46	Can coupled models perform better in the simulation of sub-seasonal evolution of the western North Pacific subtropical high than atmospheric models in boreal summer?. Atmospheric Science Letters, 2018, 19, e862.	1.9	4
47	CRL: Collaborative Representation Learning by Coordinating Topic Modeling and Network Embeddings. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3765-3777.	11.3	4
48	A nano-innate immune system activator for cancer therapy in a 4T1 tumor-bearing mouse model. Journal of Nanobiotechnology, 2022, 20, 54.	9.1	4
49	Deep feature extraction via adaptive collaborative learning for drusen segmentation from fundus images. Signal, Image and Video Processing, 2021, 15, 895-902.	2.7	3
50	A Reasonable Mean Dynamic Topography State on Improving the Ability of Assimilating the Altimetry Observations into a Coupled Climate System Model: An Example With CAS-ESM-C. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016760.	2.6	3
51	Semi-supervised Distance Consistent Cross-modal Retrieval. , 2017, , .		2
52	Climatological Increased Precipitation from July to August in the Western North Pacific Region Simulated by CMIP6 Models. Atmosphere, 2021, 12, 664.	2.3	2
53	Influence of Decadal Ocean Signals on Meteorological Conditions Associated With the Winter Haze Over Eastern China. Frontiers in Environmental Science, 2021, 9, .	3.3	1
54	Cross-Media Retrieval Based on Query Modality and Semi-Supervised Regularization. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2017, 21, 1211-1220.	0.9	1

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55	Comparison of East Asian Summer Monsoon Simulation between an Atmospheric Model and a Coupled Model: An Example from CAS-ESM. Atmosphere, 2022, 13, 998.	2.3	1
56	When diary meets lifelog video. , 2017, , .		0
57	Semi-Supervised Cross-Modal Retrieval Based on Discriminative Comapping. Complexity, 2020, 2020, 1-13.	1.6	0
58	Modality-Reconstructed Cross-Media Retrieval via Sparse Neural Networks Pre-Trained by Restricted Boltzmann Machines. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2018, 22, 611-620.	0.9	0