

# Fang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4160733/publications.pdf>

Version: 2024-02-01

41  
papers

3,322  
citations

279798

23  
h-index

265206

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

5195  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Reading Palaeofire Database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. <i>Earth System Science Data</i> , 2022, 14, 1109-1124.	9.9	9
2	Tripling of western US particulate pollution from wildfires in a warming climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2111372119.	7.1	29
3	Influence of atmospheric teleconnections on interannual variability of Arctic-boreal fires. <i>Science of the Total Environment</i> , 2022, 838, 156550.	8.0	5
4	Fire Aerosols Slow Down the Global Water Cycle. <i>Journal of Climate</i> , 2022, 35, 7219-7233.	3.2	1
5	Holocene fire history in China: Responses to climate change and human activities. <i>Science of the Total Environment</i> , 2021, 753, 142019.	8.0	36
6	How Will Deforestation and Vegetation Degradation Affect Global Fire Activity?. <i>Earth's Future</i> , 2021, 9, e2020EF001786.	6.3	8
7	Evaluating the performance of CMIP6 Earth system models in simulating global vegetation structure and distribution. <i>Advances in Climate Change Research</i> , 2021, 12, 584-595.	5.1	31
8	Climate influence on the 2019 fires in Amazonia. <i>Science of the Total Environment</i> , 2021, 794, 148718.	8.0	14
9	Modeling the short-term fire effects on vegetation dynamics and surface energy in southern Africa using the improved SSiB4/TRIFFID-Fire model. <i>Geoscientific Model Development</i> , 2021, 14, 7639-7657.	3.6	4
10	Quantifying the impacts of fire aerosols on global terrestrial ecosystem productivity with the fully-coupled Earth system model CESM. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 330-337.	1.3	2
11	Global ecosystems and fire: Multi-model assessment of fire-induced tree cover and carbon storage reduction. <i>Global Change Biology</i> , 2020, 26, 5027-5041.	9.5	55
12	Impacts of Wildfire Aerosols on Global Energy Budget and Climate: The Role of Climate Feedbacks. <i>Journal of Climate</i> , 2020, 33, 3351-3366.	3.2	27
13	Vegetation biomass change in China in the 20th century: an assessment based on a combination of multi-model simulations and field observations. <i>Environmental Research Letters</i> , 2020, 15, 094026.	5.2	6
14	Quantitative assessment of fire and vegetation properties in simulations with fire-enabled vegetation models from the Fire Model Intercomparison Project. <i>Geoscientific Model Development</i> , 2020, 13, 3299-3318.	3.6	63
15	Modeling long-term fire impact on ecosystem characteristics and surface energy using a process-based vegetation-fire model SSiB4/TRIFFID-Fire v1.0. <i>Geoscientific Model Development</i> , 2020, 13, 6029-6050.	3.6	6
16	The Community Land Model Version 5: Description of New Features, Benchmarking, and Impact of Forcing Uncertainty. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4245-4287.	3.8	692
17	Historical (1700-2012) global multi-model estimates of the fire emissions from the Fire Modeling Intercomparison Project (FireMIP). <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12545-12567.	4.9	64
18	Emergent relationships with respect to burned area in global satellite observations and fire-enabled vegetation models. <i>Biogeosciences</i> , 2019, 16, 57-76.	3.3	85

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19	Response of simulated burned area to historical changes in environmental and anthropogenic factors: a comparison of seven fire models. <i>Biogeosciences</i> , 2019, 16, 3883-3910.	3.3	32
20	Human impacts on 20th century fire dynamics and implications for global carbon and water trajectories. <i>Global and Planetary Change</i> , 2018, 162, 18-27.	3.5	25
21	Evaluation of the New Dynamic Global Vegetation Model in CAS-ESM. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 659-670.	4.3	21
22	Land use change and El Niño-Southern Oscillation drive decadal carbon balance shifts in Southeast Asia. <i>Nature Communications</i> , 2018, 9, 1154.	12.8	28
23	Impact of interannual variations of spring sea ice in the Barents Sea on East Asian rainfall in June. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 275-281.	1.3	19
24	Impact of fire on global land surface air temperature and energy budget for the 20th century due to changes within ecosystems. <i>Environmental Research Letters</i> , 2017, 12, 044014.	5.2	45
25	Role of Fire in the Global Land Water Budget during the Twentieth Century due to Changing Ecosystems. <i>Journal of Climate</i> , 2017, 30, 1893-1908.	3.2	54
26	A human-driven decline in global burned area. <i>Science</i> , 2017, 356, 1356-1362.	12.6	694
27	Historic global biomass burning emissions for CMIP6 (BB4CMIP) based on merging satellite observations with proxies and fire models (1750–2015). <i>Geoscientific Model Development</i> , 2017, 10, 3329-3357.	3.6	322
28	The Fire Modeling Intercomparison Project (FireMIP), phase 1: experimental and analytical protocols with detailed model descriptions. <i>Geoscientific Model Development</i> , 2017, 10, 1175-1197.	3.6	159
29	The status and challenge of global fire modelling. <i>Biogeosciences</i> , 2016, 13, 3359-3375.	3.3	274
30	Evaluation of the individual allocation scheme and its impacts in a dynamic global vegetation model. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 38-44.	1.3	2
31	Improving multi-model ensemble probabilistic prediction of Yangtze River valley summer rainfall. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 497-504.	4.3	11
32	A review of seasonal climate prediction research in China. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 149-168.	4.3	50
33	Quantifying the role of fire in the Earth system – Part 2: Impact on the net carbon balance of global terrestrial ecosystems for the 20th century. <i>Biogeosciences</i> , 2014, 11, 1345-1360.	3.3	62
34	Development of the IAP Dynamic Global Vegetation Model. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 505-514.	4.3	29
35	Quantifying the role of fire in the Earth system – Part 1: Improved global fire modeling in the Community Earth System Model (CESM1). <i>Biogeosciences</i> , 2013, 10, 2293-2314.	3.3	137
36	Corrigendum to “A process-based fire parameterization of intermediate complexity in a Dynamic Global Vegetation Model” published in <i>Biogeosciences</i> , 9, 2761–2780, 2012. <i>Biogeosciences</i> , 2012, 9, 4771-4772.	3.3	9

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37	A process-based fire parameterization of intermediate complexity in a Dynamic Global Vegetation Model. <i>Biogeosciences</i> , 2012, 9, 2761-2780.	3.3	156
38	Impact of spin-up forcing on vegetation states simulated by a dynamic global vegetation model coupled with a land surface model. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 775-788.	4.3	7
39	Probabilistic seasonal prediction of summer rainfall over East China based on multi-model ensemble schemes. <i>Journal of Meteorological Research</i> , 2011, 25, 283-292.	1.0	9
40	Statistical Prediction of East Asian Summer Monsoon Rainfall Based on SST and Sea Ice Concentration. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 237-243.	1.8	20
41	An intercomparison of rules for testing the significance of coupled modes of singular value decomposition analysis. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 199-212.	4.3	2