

Pierre Nabat

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,294
citations

394421

19
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of CNRM Earth System Model, CNRM-ESM2-1: Role of Earth System Processes in Present-Day and Future Climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4182-4227.	3.8	309
2	Effective radiative forcing and adjustments in CMIP6 models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9591-9618.	4.9	149
3	Historical and future changes in air pollutants from CMIP6 models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14547-14579.	4.9	105
4	Effective radiative forcing from emissions of reactive gases and aerosols – a multi-model comparison. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 853-874.	4.9	65
5	The Aerosols, Radiation and Clouds in Southern Africa Field Campaign in Namibia: Overview, Illustrative Observations, and Way Forward. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1277-1298.	3.3	59
6	Evaluating stratospheric ozone and water vapour changes in CMIP6 models from 1850 to 2100. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5015-5061.	4.9	54
7	Modulation of radiative aerosols effects by atmospheric circulation over the Euro-Mediterranean region. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8315-8349.	4.9	54
8	Direct and semi-direct radiative forcing of biomass-burning aerosols over the southeast Atlantic (SEA) and its sensitivity to absorbing properties: a regional climate modeling study. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13191-13216.	4.9	49
9	Modeling the impacts of atmospheric deposition of nitrogen and desert dust-derived phosphorus on nutrients and biological budgets of the Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 163, 21-39.	3.2	46
10	The CNRM Global Atmosphere Model ARPEGE-Climate 6.3: Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002075.	3.8	46
11	Identifying the sources of uncertainty in climate model simulations of solar radiation modification with the G6sulfur and G6solar Geoengineering Model Intercomparison Project (GeoMIP) simulations. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10039-10063.	4.9	45
12	The Climate Response to Emissions Reductions Due to COVID-19: Initial Results From CovidMIP. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091883.	4.0	43
13	Climate and air quality impacts due to mitigation of non-methane near-term climate forcers. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9641-9663.	4.9	30
14	Introduction: Process studies at the air-sea interface after atmospheric deposition in the Mediterranean Sea – objectives and strategy of the PEACETIME oceanographic campaign (May-June) Tj ETQq0030 rgBT / Overlock 1		
15	Simulation of the transport, vertical distribution, optical properties and radiative impact of smoke aerosols with the ALADIN regional climate model during the ORACLES-2016 and LASIC experiments. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4963-4990.	4.9	25
16	Bias in CMIP6 models as compared to observed regional dimming and brightening. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 16023-16040.	4.9	25
17	Climate models generally underrepresent the warming by Central Africa biomass-burning aerosols over the Southeast Atlantic. <i>Science Advances</i> , 2021, 7, eabg9998.	10.3	25
18	Evaluation of ocean dimethylsulfide concentration and emission in CMIP6 models. <i>Biogeosciences</i> , 2021, 18, 3823-3860.	3.3	24

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19	Comparing different generations of idealized solar geoengineering simulations in the Geoengineering Model Intercomparison Project (GeoMIP). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4231-4247.	4.9	22
20	Evaluation of natural aerosols in CRESCENDO Earth system models (ESMs): mineral dust. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10295-10335.	4.9	20
21	Stratospheric ozone response to sulfate aerosol and solar dimming climate interventions based on the G6 Geoengineering Model Intercomparison Project (GeoMIP) simulations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4557-4579.	4.9	19
22	Fast responses on pre-industrial climate from present-day aerosols in a CMIP6 multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8381-8404.	4.9	18
23	Reappraisal of the Climate Impacts of Ozone-Depleting Substances. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088295.	4.0	16
24	The impact of stratospheric aerosol intervention on the North Atlantic and Quasi-Biennial Oscillations in the Geoengineering Model Intercomparison Project (GeoMIP) G6sulfur experiment. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2999-3016.	4.9	15
25	Future evolution of aerosols and implications for climate change in the Euro-Mediterranean region using the CNRM-ALADIN63 regional climate model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7639-7669.	4.9	5