

SÃ©bastien Denvil

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,712
citations

471509

17
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

5817
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinating an operational data distribution network for CMIP6 data. <i>Geoscientific Model Development</i> , 2021, 14, 629-644.	3.6	38
2	The Tuning Strategy of IPSLâ€™CM6Aâ€™LR. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002340.	3.8	10
3	Presentation and Evaluation of the IPSLâ€™CM6Aâ€™LR Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002010.	3.8	541
4	A climate projection dataset tailored for the European energy sector. <i>Climate Services</i> , 2019, 16, 100138.	2.5	23
5	Requirements for a global data infrastructure in support of CMIP6. <i>Geoscientific Model Development</i> , 2018, 11, 3659-3680.	3.6	62
6	Assessing the impacts of 1.5â€™C global warming â€™ simulation protocol of the Inter-Sectoral Impact Model Intercomparison Project (ISIMIP2b). <i>Geoscientific Model Development</i> , 2017, 10, 4321-4345.	3.6	410
7	A Global Repository for Planet-Sized Experiments and Observations. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 803-816.	3.3	31
8	Strategie roadmap for the earth system grid federation. , 2015, , .		2
9	Kelvin and Rossbyâ€™gravity wave packets in the lower stratosphere of some highâ€™top CMIP5 models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2156-2173.	3.3	35
10	Regional hydrological cycle changes in response to an ambitious mitigation scenario. <i>Climatic Change</i> , 2013, 120, 389-403.	3.6	2
11	Climate change projections using the IPSL-CM5 Earth System Model: from CMIP3 to CMIP5. <i>Climate Dynamics</i> , 2013, 40, 2123-2165.	3.8	1,425
12	Impact of the LMDZ atmospheric grid configuration on the climate and sensitivity of the IPSL-CM5A coupled model. <i>Climate Dynamics</i> , 2013, 40, 2167-2192.	3.8	250
13	The effects of aggressive mitigation on steric sea level rise and sea ice changes. <i>Climate Dynamics</i> , 2013, 40, 531-550.	3.8	9
14	Robust direct effect of carbon dioxide on tropical circulation and regional precipitation. <i>Nature Geoscience</i> , 2013, 6, 447-451.	12.9	338
15	High resolution simulation of the South Asian monsoon using a variable resolution global climate model. <i>Climate Dynamics</i> , 2013, 41, 173-194.	3.8	80
16	Documenting Climate Models and Their Simulations. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 623-627.	3.3	20
17	Describing Earth system simulations with the Metafor CIM. <i>Geoscientific Model Development</i> , 2012, 5, 1493-1500.	3.6	15
18	Climate change under aggressive mitigation: the ENSEMBLES multi-model experiment. <i>Climate Dynamics</i> , 2011, 37, 1975-2003.	3.8	75

#	ARTICLE	IF	CITATIONS
19	The Climate-G testbed: towards large scale distributed data management for climate change. <i>Procedia Computer Science</i> , 2011, 4, 567-576.	2.0	0
20	Key features of the IPSL ocean atmosphere model and its sensitivity to atmospheric resolution. <i>Climate Dynamics</i> , 2010, 34, 1-26.	3.8	235
21	Influence of solar variability, CO ₂ and orbital forcing between 1000 and 1850 AD in the IPSLCM4 model. <i>Climate of the Past</i> , 2010, 6, 445-460.	3.4	53
22	An Energetics Study of Wintertime Northern Hemisphere Storm Tracks under 4 Å— CO2 Conditions in Two Ocean-Atmosphere Coupled Models. <i>Journal of Climate</i> , 2009, 22, 819-839.	3.2	20
23	Changes in severe indices as simulated by two French coupled global climate models. <i>Global and Planetary Change</i> , 2007, 57, 96-117.	3.5	25