

Nathalie De Noblet-DucoudrÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,751
citations

331670

21
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

6962
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic global vegetation model for studies of the coupled atmosphere-biosphere system. <i>Global Biogeochemical Cycles</i> , 2005, 19, .	4.9	1,755
2	Changes in climate and land use have a larger direct impact than rising CO ₂ on global river runoff trends. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15242-15247.	7.1	504
3	Climatic Impact of Global-Scale Deforestation: Radiative versus Nonradiative Processes. <i>Journal of Climate</i> , 2010, 23, 97-112.	3.2	445
4	The Land Use Model Intercomparison Project (LUMIP) contribution to CMIP6: rationale and experimental design. <i>Geoscientific Model Development</i> , 2016, 9, 2973-2998.	3.6	343
5	Determining Robust Impacts of Land-Use-Induced Land Cover Changes on Surface Climate over North America and Eurasia: Results from the First Set of LUCID Experiments. <i>Journal of Climate</i> , 2012, 25, 3261-3281.	3.2	313
6	Regional climate downscaling over Europe: perspectives from the EURO-CORDEX community. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	227
7	Hot European Summers and the Role of Soil Moisture in the Propagation of Mediterranean Drought. <i>Journal of Climate</i> , 2009, 22, 4747-4758.	3.2	180
8	Biophysical effects on temperature and precipitation due to land cover change. <i>Environmental Research Letters</i> , 2017, 12, 053002.	5.2	154
9	Carbon and water balance of European croplands throughout the 20th century. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	95
10	Coupling the Soil-Vegetation-Atmosphere-Transfer Scheme ORCHIDEE to the agronomy model STICS to study the influence of croplands on the European carbon and water budgets. <i>Agronomy for Sustainable Development</i> , 2004, 24, 397-407.	0.8	74
11	Effects of interactive vegetation phenology on the 2003 summer heat waves. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	72
12	Including Croplands in a Global Biosphere Model: Methodology and Evaluation at Specific Sites. <i>Earth Interactions</i> , 2004, 8, 1-25.	1.5	70
13	Current challenges of implementing anthropogenic land-use and land-cover change in models contributing to climate change assessments. <i>Earth System Dynamics</i> , 2017, 8, 369-386.	7.1	69
14	Quantifying the Relative Importance of Direct and Indirect Biophysical Effects of Deforestation on Surface Temperature and Teleconnections. <i>Journal of Climate</i> , 2018, 31, 3811-3829.	3.2	67
15	Biogeophysical impacts of forestation in Europe: first results from the LUCAS (Land Use and Climate) Tj ETQq1 1 0.784314 rgBT /Ove	7.1	62
16	The role of spatial scale and background climate in the latitudinal temperature response to deforestation. <i>Earth System Dynamics</i> , 2016, 7, 167-181.	7.1	60
17	Model of the Regional Coupled Earth system (MORCE): Application to process and climate studies in vulnerable regions. <i>Environmental Modelling and Software</i> , 2012, 35, 1-18.	4.5	57
18	Potential strong contribution of future anthropogenic land-use and land-cover change to the terrestrial carbon cycle. <i>Environmental Research Letters</i> , 2018, 13, 064023.	5.2	35

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19	Atmospheric, radiative, and hydrologic effects of future land use and land cover changes: A global and multimodel climate picture. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5113-5131.	3.3	34
20	Vegetation Dynamics Enhancing Long-Term Climate Variability Confirmed by Two Models. <i>Journal of Climate</i> , 2011, 24, 2238-2257.	3.2	32
21	Reduction of monsoon rainfall in response to past and future land use and land cover changes. <i>Geophysical Research Letters</i> , 2017, 44, 1041-1050.	4.0	24
22	Reviews and syntheses: influences of landscape structure and land uses on local to regional climate and air quality. <i>Biogeosciences</i> , 2019, 16, 2369-2408.	3.3	22
23	Including tropical croplands in a terrestrial biosphere model: application to West Africa. <i>Climatic Change</i> , 2011, 104, 755-782.	3.6	19
24	Land-Surface Characteristics and Climate in West Africa: Models' Biases and Impacts of Historical Anthropogenically-Induced Deforestation. <i>Sustainability</i> , 2017, 9, 1917.	3.2	18
25	Afforestation impact on soil temperature in regional climate model simulations over Europe. <i>Geoscientific Model Development</i> , 2022, 15, 595-616.	3.6	5
26	Land-atmosphere interactions in sub-polar and alpine climates in the CORDEX flagship pilot study Land Use and Climate Across Scales (LUCAS) models' Part 1: Evaluation of the snow-albedo effect. <i>Cryosphere</i> , 2022, 16, 2403-2419.	3.9	3
27	Necessary Integrative Approaches. , 2020, , 97-112.		0