Nathalie De Noblet-DucoudrÃ©

List of Publications by Year
in descending order

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	Afforestation impact on soil temperature in regional climate model simulations over Europe. Geoscientific Model Development, 2022, 15, 595-616.	3.6	5
2	Landâ€“atmosphere interactions in sub-polar and alpine climates in the CORDEX flagship pilot study Land Use and Climate Across Scales (LUCAS) modelsÂâ€“ PartÂ1: Evaluation of the snow-albedo effect. Cryosphere, 2022, 16, 2403-2419.	3.9	3
3	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
4	Regional climate downscaling over Europe: perspectives from the EURO-CORDEX community. Regional Environmental Change, 2020, 20, 1.	2.9	227
5	Necessary Integrative Approaches. , 2020, , 97-112.		0
6	Reviews and syntheses: influences of landscape structure and land uses on local to regional climate and air quality. Biogeosciences, 2019, 16, 2369-2408.	3.3	22
7	Quantifying the Relative Importance of Direct and Indirect Biophysical Effects of Deforestation on Surface Temperature and Teleconnections. Journal of Climate, 2018, 31, 3811-3829.	3.2	67
8	Potential strong contribution of future anthropogenic land-use and land-cover change to the terrestrial carbon cycle. Environmental Research Letters, 2018, 13, 064023.	5.2	35
9	Reduction of monsoon rainfall in response to past and future land use and land cover changes. Geophysical Research Letters, 2017, 44, 1041-1050.	4.0	24
10	Atmospheric, radiative, and hydrologic effects of future land use and land cover changes: A global and multimodel climate picture. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5113-5131.	3.3	34
11	Biophysical effects on temperature and precipitation due to land cover change. Environmental Research Letters, 2017, 12, 053002.	5.2	154
12	Land-Surface Characteristics and Climate in West Africa: Modelsâ€™ Biases and Impacts of Historical Anthropogenically-Induced Deforestation. Sustainability, 2017, 9, 1917.	3.2	18
13	Current challenges of implementing anthropogenic land-use and land-cover change in models contributing to climate change assessments. Earth System Dynamics, 2017, 8, 369-386.	7.1	69
14	The Land Use Model Intercomparison Project (LUMIP) contribution to CMIP6: rationale and experimental design. Geoscientific Model Development, 2016, 9, 2973-2998.	3.6	343
15	The role of spatial scale and background climate in the latitudinal temperature response to deforestation. Earth System Dynamics, 2016, 7, 167-181.	7.1	60
16	Effects of interactive vegetation phenology on the 2003 summer heat waves. Journal of Geophysical Research, 2012, 117, .	3.3	72
17	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. Journal of Climate, 2012, 25, 3261-3281.	3.2	313
18	Model of the Regional Coupled Earth system (MORCE): Application to process and climate studies in vulnerable regions. Environmental Modelling and Software, 2012, 35, 1-18.	4.5	57

#	Article	IF	Citations
19	Including tropical croplands in a terrestrial biosphere model: application to West Africa. Climatic Change, 2011, 104, 755-782.	3.6	19
20	Vegetation Dynamics Enhancing Long-Term Climate Variability Confirmed by Two Models. Journal of Climate, 2011, 24, 2238-2257.	3.2	32
21	Climatic Impact of Global-Scale Deforestation: Radiative versus Nonradiative Processes. Journal of Climate, 2010, 23, 97-112.	3.2	445
22	Hot European Summers and the Role of Soil Moisture in the Propagation of Mediterranean Drought. Journal of Climate, 2009, 22, 4747-4758.	3.2	180
23	Carbon and water balance of European croplands throughout the 20th century. Global Biogeochemical Cycles, 2008, 22, .	4.9	95
24	Changes in climate and land use have a larger direct impact than rising CO ₂ on global river runoff trends. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15242-15247.	7.1	504
25	A dynamic global vegetation model for studies of the coupled atmosphere-biosphere system. Global Biogeochemical Cycles, 2005, 19, .	4.9	1,755
26	Including Croplands in a Global Biosphere Model: Methodology and Evaluation at Specific Sites. Earth Interactions, 2004, 8, 1-25.	1.5	70
27	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. Agronomy for Sustainable Development, 2004, 24, 397-407.	0.8	74