

Lee de Mora

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,847
citations

236925

25
h-index

265206

42
g-index

62
all docs

62
docs citations

62
times ranked

7950
citing authors

#	ARTICLE	IF	CITATIONS
1	UKESM1: Description and Evaluation of the U.K. Earth System Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 4513-4558.	3.8	448
2	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	3.9	362
3	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	3.9	209
4	ERSEM15.06: a generic model for marine biogeochemistry and the ecosystem dynamics of the lower trophic levels. Geoscientific Model Development, 2016, 9, 1293-1339.	3.6	196
5	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	137

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#	ARTICLE	IF	CITATIONS
19	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$, $\tau^+ \tau^- \nu$ decay mode in $\sqrt{s} = 7, \sqrt{s} = 8$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
20	A search for t resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
21	Assimilation of Ocean Color Plankton Functional Types to Improve Marine Ecosystem Simulations. Journal of Geophysical Research: Oceans, 2018, 123, 834-854.	2.6	38
22	The Assimilation of Phytoplankton Functional Types for Operational Forecasting in the Northwest European Shelf. Journal of Geophysical Research: Oceans, 2018, 123, 5230-5247.	2.6	35
23	Net primary productivity estimates and environmental variables in the Arctic Ocean: An assessment of coupled physical-biogeochemical models. Journal of Geophysical Research: Oceans, 2016, 121, 8635-8669.	2.6	34
24	On the Potential of Surfers to Monitor Environmental Indicators in the Coastal Zone. PLoS ONE, 2015, 10, e0127706.	2.5	33
25	Monitoring of offshore geological carbon storage integrity: Implications of natural variability in the marine system and the assessment of anomaly detection criteria. International Journal of Greenhouse Gas Control, 2017, 64, 99-112.	4.6	29
26	The assessment of a global marine ecosystem model on the basis of emergent properties and ecosystem function: a case study with ERSEM. Geoscientific Model Development, 2016, 9, 59-76.	3.6	28
27	Expanding Aquatic Observations through Recreation. Frontiers in Marine Science, 2017, 4, .	2.5	26
28	A search for t resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2083.	3.9	25
29	Spin-up of UK Earth System Model 1 (UKESM1) for CMIP6. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001933.	3.8	25
30	Evaluating the physical and biogeochemical state of the global ocean component of UKESM1 in CMIP6 historical simulations. Geoscientific Model Development, 2021, 14, 3437-3472.	3.6	25
31	Measurement of τ polarization in $W \rightarrow \tau \nu$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2062.	3.9	21
32	How should sparse marine in situ measurements be compared to a continuous model: an example. Geoscientific Model Development, 2013, 6, 533-548.	3.6	19
33	Search for lepton flavour violation in the $e^+ \mu^-$ continuum with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	3.9	13
34	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
35	The Physical Climate at Global Warming Thresholds as Seen in the U.K. Earth System Model. Journal of Climate, 2022, 35, 29-48.	3.2	12
36	Comparison of Two Methods for Measuring Sea Surface Temperature When Surfing. Oceans, 2020, 1, 6-26.	1.3	11

#	ARTICLE	IF	CITATIONS
37	What can ecosystem models tell us about the risk of eutrophication in the North Sea?. Climatic Change, 2015, 132, 111-125.	3.6	8
38	Marine regime shifts in ocean biogeochemical models: a case study in the Gulf of Alaska. Biogeosciences, 2016, 13, 4533-4553.	3.3	4
39	Earth system music: music generated from the United Kingdom Earth System Model (UKESM1). Geoscience Communication, 2020, 3, 263-278.	0.9	4
40	BGC-val: a model- and grid-independent Python toolkit to evaluate marine biogeochemical models. Geoscientific Model Development, 2018, 11, 4215-4240.	3.6	3
41	AccessLab: Workshops to broaden access to scientific research. PLoS Biology, 2019, 17, e3000258.	5.6	1