

# 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	The Physical Climate at Global Warming Thresholds as Seen in the U.K. Earth System Model. <i>Journal of Climate</i> , 2022, 35, 29-48.	3.2	12
2	Evaluating the physical and biogeochemical state of the global ocean component of UKESM1 in CMIP6 historical simulations. <i>Geoscientific Model Development</i> , 2021, 14, 3437-3472.	3.6	25
3	Spin-up of UK Earth System Model 1 (UKESM1) for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001933.	3.8	25
4	Implementation of U.K. Earth System Models for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001946.	3.8	83
5	Earth System Model Evaluation Tool (ESMValTool) v2.0 – technical overview. <i>Geoscientific Model Development</i> , 2020, 13, 1179-1199.	3.6	51
6	A system of metrics for the assessment and improvement of aquatic ecosystem models. <i>Environmental Modelling and Software</i> , 2020, 128, 104697.	4.5	65
7	Comparison of Two Methods for Measuring Sea Surface Temperature When Surfing. <i>Oceans</i> , 2020, 1, 6-26.	1.3	11
8	Earth system music: music generated from the United Kingdom Earth System Model (UKESM1). <i>Geoscience Communication</i> , 2020, 3, 263-278.	0.9	4
9	Earth System Model Evaluation Tool (ESMValTool) v2.0 – an extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2020, 13, 3383-3438.	3.6	69
10	UKESM1: Description and Evaluation of the U.K. Earth System Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4513-4558.	3.8	448
11	AccessLab: Workshops to broaden access to scientific research. <i>PLoS Biology</i> , 2019, 17, e3000258.	5.6	1
12	Assimilation of Ocean Color Plankton Functional Types to Improve Marine Ecosystem Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 834-854.	2.6	38
13	BGC-val: a model- and grid-independent Python toolkit to evaluate marine biogeochemical models. <i>Geoscientific Model Development</i> , 2018, 11, 4215-4240.	3.6	3
14	The Assimilation of Phytoplankton Functional Types for Operational Forecasting in the Northwest European Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5230-5247.	2.6	35
15	Evaluating operational AVHRR sea surface temperature data at the coastline using surfers. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 196, 276-289.	2.1	45
16	Monitoring of offshore geological carbon storage integrity: Implications of natural variability in the marine system and the assessment of anomaly detection criteria. <i>International Journal of Greenhouse Gas Control</i> , 2017, 64, 99-112.	4.6	29
17	Expanding Aquatic Observations through Recreation. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	26
18	Marine regime shifts in ocean biogeochemical models: a case study in the Gulf of Alaska. <i>Biogeosciences</i> , 2016, 13, 4533-4553.	3.3	4

#	ARTICLE	IF	CITATIONS
19	ERSEM15.06: a generic model for marine biogeochemistry and the ecosystem dynamics of the lower trophic levels. <i>Geoscientific Model Development</i> , 2016, 9, 1293-1339.	3.6	196
20	The assessment of a global marine ecosystem model on the basis of emergent properties and ecosystem function: a case study with ERSEM. <i>Geoscientific Model Development</i> , 2016, 9, 59-76.	3.6	28
21	Net primary productivity estimates and environmental variables in the Arctic Ocean: An assessment of coupled physical-biogeochemical models. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 8635-8669.	2.6	34
22	On the Potential of Surfers to Monitor Environmental Indicators in the Coastal Zone. <i>PLoS ONE</i> , 2015, 10, e0127706.	2.5	33
23	What can ecosystem models tell us about the risk of eutrophication in the North Sea?. <i>Climatic Change</i> , 2015, 132, 111-125.	3.6	8
24	iMarNet: an ocean biogeochemistry model intercomparison project within a common physical ocean modelling framework. <i>Biogeosciences</i> , 2014, 11, 7291-7304.	3.3	65
25	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7 \text{ TeV}$ $pp$ collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2895.	3.9	13
26	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	137
27	Improved luminosity determination in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013, 73, 2518.	3.9	362
28	Modelling the effects of climate change on the distribution and production of marine fishes: accounting for trophic interactions in a dynamic bioclimate envelope model. <i>Global Change Biology</i> , 2013, 19, 2596-2607.	9.5	106
29	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ recorded in 2010 with the ATLAS detector. <i>European Physical Journal C</i> , 2013, 73, 2306.	3.9	209
30	Measurement of the $\tau$ production cross section in the $\tau + \text{jets}$ channel using the ATLAS detector. <i>European Physical Journal C</i> , 2013, 73, 2328.	3.9	45
31	How should sparse marine in situ measurements be compared to a continuous model: an example. <i>Geoscientific Model Development</i> , 2013, 6, 533-548.	3.6	19
32	A search for $\overline{t}t$ resonances in lepton+jets events with highly boosted top quarks collected in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	40
33	Search for the Standard Model Higgs boson in the $H \rightarrow b\bar{b}, \tau\bar{\tau}, \gamma\gamma$ decay mode in $\sqrt{s} = 7, \sqrt{s} = 4.7 \text{ TeV}$ $pp$ collisions with ATLAS. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	43
34	Measurement of $\tau$ production with a veto on additional central jet activity in $pp$ collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 2043.	3.9	109
35	A search for $\tau$ resonances with the ATLAS detector in $2.05 \text{ fb}^{-1}$ of proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ . <i>European Physical Journal C</i> , 2012, 72, 2083.	3.9	25
36			

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37	Search for lepton flavour violation in the $e\bar{\nu}_\mu$ continuum with the ATLAS detector in $\sqrt{s} = 7\text{-TeV}$ pp collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	3.9	13
38	Measurement of the top quark mass with the template method in the $t \rightarrow \text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	3.9	51
39	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7\text{-TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	3.9	101
40	Measurement of $\tilde{A}$ , polarization in $W \rightarrow \tilde{\nu}_\mu \nu_\mu$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7\text{-TeV}$ . European Physical Journal C, 2012, 72, 2062.	3.9	21
41	Measurement of the $W \rightarrow \tilde{\nu}_\mu \nu_\mu$ and $Z \rightarrow \tilde{\nu}_\mu \nu_\mu$ production cross sections in proton-proton collisions at $\sqrt{s} = 7\text{-TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64