

Jens Olaf Pepke Pedersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1465028/publications.pdf>

Version: 2024-02-01

23
papers

988
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

1270
citing authors

#	ARTICLE	IF	CITATIONS
1	Glossary on atmospheric electricity and its effects on biology. <i>International Journal of Biometeorology</i> , 2021, 65, 5-29.	3.0	9
2	Physical oceanographic conditions and a sensitivity study on meltwater runoff in a West Greenland fjord: Kangerlussuaq. <i>Oceanologia</i> , 2020, 62, 460-477.	2.2	7
3	Temperature trends with reduced impact of ocean air temperature. <i>Energy and Environment</i> , 2018, 29, 613-632.	4.6	2
4	Implementation of methane cycling for deep-time global warming simulations with the DCESS Earth system model (version 1.2). <i>Geoscientific Model Development</i> , 2017, 10, 4081-4103.	3.6	0
5	Deep time evidence for climate sensitivity increase with warming. <i>Geophysical Research Letters</i> , 2016, 43, 6538-6545.	4.0	23
6	Oxidation of SO ₂ and formation of water droplets under irradiation of 20 MeV protons in N ₂ /H ₂ O/SO ₂ . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 365, 616-621.	1.4	0
7	Long-Term Climate Change Commitment and Reversibility: An EMIC Intercomparison. <i>Journal of Climate</i> , 2013, 26, 5782-5809.	3.2	208
8	Experimental studies of the formation of cluster ions formed by corona discharge in an atmosphere containing SO ₂ , NH ₃ , and H ₂ O. <i>International Journal of Mass Spectrometry</i> , 2013, 341-342, 1-6.	1.5	7
9	Response of cloud condensation nuclei ($\langle m \rangle$) to the formation of cluster ions. <i>Journal of Geophysical Research</i> , 2013, 118, 2343-2347.	2.1	55
10	Historical and idealized climate model experiments: an intercomparison of Earth system models of intermediate complexity. <i>Climate of the Past</i> , 2013, 9, 1111-1140.	3.4	157
11	Structures and reaction rates of the gaseous oxidation of SO ₂ by an O ₃ cluster: a density functional theory investigation. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3639-3652.	4.9	14
12	An isotopic analysis of ionising radiation as a source of sulphuric acid. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5319-5327.	4.9	14
13	Aerosol nucleation in an ultra-low ion density environment. <i>Journal of Aerosol Science</i> , 2012, 50, 75-85.	3.8	5
14	Relative-Velocity Distributions for Two Effusive Atomic Beams in Counterpropagating and Crossed-Beam Geometries. <i>Advances in Mathematical Physics</i> , 2012, 2012, 1-18.	0.8	0
15	Aerosol nucleation induced by a high energy particle beam. <i>Geophysical Research Letters</i> , 2011, 38, .	4.0	56
16	Ab initio studies of O ₂ and O ₃ anionic molecular clusters. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7133-7142.	4.9	43
17	Results from the CERN pilot CLOUD experiment. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1635-1647.	4.9	96
18	Nanoparticle formation in H ₂ O/N ₂ and H ₂ O/Ar mixtures under irradiation by 20 MeV protons and positive corona discharge. <i>Journal of Aerosol Science</i> , 2010, 41, 468-474.	3.8	3

#	ARTICLE	IF	CITATIONS
19	Long-term ocean oxygen depletion in response to carbon dioxide emissions from fossil fuels. <i>Nature Geoscience</i> , 2009, 2, 105-109.	12.9	206
20	On the existence of the hypervalent H ₃ O, H ₂ DO, HD ₂ O, and D ₃ O radicals. <i>International Journal of Mass Spectrometry</i> , 2009, 281, 52-54.	1.5	8
21	Evidence for the Role of Ions in Aerosol Nucleation. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10305-10309.	2.5	24
22	Presentation, calibration and validation of the low-order, DCESS Earth System Model (Version 1). <i>Geoscientific Model Development</i> , 2008, 1, 17-51.	3.6	41
23	Solaktivitet - og klimaændringer. <i>GeologiskNyt</i> , 2008, 18, .	0.0	0