

Nikos Daskalakis

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,881
citations

430874

18
h-index

526287

27
g-index

57
all docs

57
docs citations

57
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the climate and air quality impacts of short-lived pollutants. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10529-10566.	4.9	365
2	The AeroCom evaluation and intercomparison of organic aerosol in global models. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10845-10895.	4.9	363
3	Past, Present, and Future Atmospheric Nitrogen Deposition. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2039-2047.	1.7	222
4	Current model capabilities for simulating black carbon and sulfate concentrations in the Arctic atmosphere: a multi-model evaluation using a comprehensive measurement data set. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9413-9433.	4.9	145
5	The global aerosol-climate model ECHAM6.3-HAM2.3 Part 1: Aerosol evaluation. <i>Geoscientific Model Development</i> , 2019, 12, 1643-1677.	3.6	103
6	The impact of temperature changes on summer time ozone and its precursors in the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 3847-3864.	4.9	97
7	Changes in dissolved iron deposition to the oceans driven by human activity: a 3-D global modelling study. <i>Biogeosciences</i> , 2015, 12, 3973-3992.	3.3	69
8	Evaluation of global simulations of aerosol particle and cloud condensation nuclei number, with implications for cloud droplet formation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8591-8617.	4.9	60
9	SALSA2.0: The sectional aerosol module of the aerosol-chemistry-climate model ECHAM6.3.0-HAM2.3-MOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 3833-3863.	3.6	52
10	Summertime aerosol chemical composition in the Eastern Mediterranean and its sensitivity to temperature. <i>Atmospheric Environment</i> , 2012, 50, 164-173.	4.1	47
11	Atmospheric deposition of nitrogen and sulfur over southern Europe with focus on the Mediterranean and the Black Sea. <i>Atmospheric Environment</i> , 2013, 81, 660-670.	4.1	43
12	Sensitivity of tropospheric loads and lifetimes of short lived pollutants to fire emissions. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3543-3563.	4.9	32
13	Large gain in air quality compared to an alternative anthropogenic emissions scenario. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9771-9784.	4.9	30
14	Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: results from long-term measurements and process simulations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2671-2686.	4.9	30
15	Observation- and model-based estimates of particulate dry nitrogen deposition to the oceans. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8189-8210.	4.9	26
16	A modeling study of the impact of the 2007 Greek forest fires on the gaseous pollutant levels in the Eastern Mediterranean. <i>Atmospheric Research</i> , 2014, 149, 1-17.	4.1	23
17	Cation effect on the inorganic-organic layered structure of pyrazole-4-sulfonate networks and inhibitory effects on copper corrosion. <i>New Journal of Chemistry</i> , 2010, 34, 221.	2.8	19
18	Linking 31P Magnetic Shielding Tensors to Crystal Structures: Experimental and Theoretical Studies on Metal(II) Aminotris(methylenephosphonates). <i>Inorganic Chemistry</i> , 2012, 51, 11466-11477.	4.0	19

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19	Multi-model evaluation of short-lived pollutant distributions over east Asia during summer 2008. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10765-10792.	4.9	17
20	Overview: On the transport and transformation of pollutants in the outflow of major population centres – observational data from the EMERGe European intensive operational period in summer 2017. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5877-5924.	4.9	16
21	Ozone and carbon monoxide budgets over the Eastern Mediterranean. <i>Science of the Total Environment</i> , 2016, 563-564, 40-52.	8.0	15
22	Mapping the supramolecular chemistry of pyrazole-4-sulfonate: layered inorganic-organic networks with Zn^{2+} , Cd^{2+} , Ag^{+} , Na^{+} and NH_4^{+} , and their use in copper anticorrosion protective films. <i>CrystEngComm</i> , 2012, 14, 908-919.	2.6	14
23	Description and evaluation of a detailed gas-phase chemistry scheme in the TM5-MP global chemistry transport model (r112). <i>Geoscientific Model Development</i> , 2020, 13, 5507-5548.	3.6	11
24	Analysis of the latitudinal variability of tropospheric ozone in the Arctic using the large number of aircraft and ozonesonde observations in early summer 2008. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13341-13358.	4.9	10
25	Impact of biomass burning and stratospheric intrusions in the remote South Pacific Ocean troposphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4075-4099.	4.9	9
26	Impact of shipping emissions on air pollution and pollutant deposition over the Barents Sea. <i>Environmental Pollution</i> , 2022, 298, 118832.	7.5	5
27	Simulated air quality and pollutant budgets over Europe in 2008. <i>Science of the Total Environment</i> , 2014, 470-471, 270-281.	8.0	4