Simon O'Meara

List of Publications by Year
in descending order

8 papers	**174** citations	1478505 **6** h-index	1588992 **8** g-index
11 all docs	**11** docs citations	**11** times ranked	**362** citing authors

#	Article	IF	Citations
1	PyCHAM (v2.1.1): a Python box model for simulating aerosol chambers. Geoscientific Model Development, 2021, 14, 675-702.	3.6	9
2	PyCHAM: CHemistry with Aerosol Microphysics in Python. Journal of Open Source Software, 2020, 5, 1918.	4.6	5
3	Maxwellâ€"Stefan diffusion: a framework for predicting condensed phase diffusion and phase separation in atmospheric aerosol. Atmospheric Chemistry and Physics, 2018, 18, 1629-1642.	4.9	16
4	Measured Saturation Vapor Pressures of Phenolic and Nitro-aromatic Compounds. Environmental Science & Technology, 2017, 51, 3922-3928.	10.0	19
5	Characterising the evaporation kinetics of water and semi-volatile organic compounds from viscous multicomponent organic aerosol particles. Physical Chemistry Chemical Physics, 2017, 19, 31634-31646.	2.8	21
6	An efficient approach for treating composition-dependent diffusion within organic particles. Atmospheric Chemistry and Physics, 2017, 17, 10477-10494.	4.9	6
7	The rate of equilibration of viscous aerosol particles. Atmospheric Chemistry and Physics, 2016, 16, 5299-5313.	4.9	35
8	An assessment of vapour pressure estimation methods. Physical Chemistry Chemical Physics, 2014, 16, 19453-19469.	2.8	63