

Tamsin L Malkin

List of Publications by Year in descending order

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13
papers

1,732
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2194
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of feldspar for ice nucleation by mineral dust in mixed-phase clouds. <i>Nature</i> , 2013, 498, 355-358.	27.8	590
2	Structure of ice crystallized from supercooled water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1041-1045.	7.1	274
3	Immersion mode heterogeneous ice nucleation by an illite rich powder representative of atmospheric mineral dust. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 287-307.	4.9	219
4	Stacking disorder in ice I. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 60-76.	2.8	215
5	Glassy aerosols with a range of compositions nucleate ice heterogeneously at cirrus temperatures. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8611-8632.	4.9	94
6	Measurements of OH and HO ₂ yields from the gas phase ozonolysis of isoprene. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1441-1459.	4.9	73
7	An iron(II) complex exhibiting five anhydrous phases, two of which interconvert by spin-crossover with wide hysteresis. <i>Chemical Science</i> , 2012, 3, 349-354.	7.4	67
8	Ice cloud processing of ultra-viscous/glassy aerosol particles leads to enhanced ice nucleation ability. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8589-8610.	4.9	65
9	Design of and initial results from a Highly Instrumented Reactor for Atmospheric Chemistry (HIRAC). <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5371-5390.	4.9	46
10	Synthesis of 2,6-di(pyrazol-1-yl)pyrazine Derivatives and the Spin-State Behavior of Their Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 819-831.	2.0	31
11	The crystal structure of ice under mesospheric conditions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 127, 78-82.	1.6	28
12	Ground and Airborne U.K. Measurements of Nitryl Chloride: An Investigation of the Role of Cl Atom Oxidation at Weybourne Atmospheric Observatory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,154.	3.3	18
13	Assessing chemistry schemes and constraints in air quality models used to predict ozone in London against the detailed Master Chemical Mechanism. <i>Faraday Discussions</i> , 2016, 189, 589-616.	3.2	6