

M G Worster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11557710/publications.pdf>

Version: 2024-02-01

10
papers

490
citations

1163117

8
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

553
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea ice is a mushy layer. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	121
2	Interfacial Premelting and the Thermomolecular Force: Thermodynamic Buoyancy. <i>Physical Review Letters</i> , 2001, 87, 088501.	7.8	86
3	A Theory of Premelting Dynamics for all Power Law Forces. <i>Physical Review Letters</i> , 1996, 76, 3602-3605.	7.8	69
4	Modeling the summertime evolution of sea-ice melt ponds. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	63
5	Dynamics of premelted films: Frost heave in a capillary. <i>Physical Review E</i> , 1995, 51, 4679-4689.	2.1	50
6	Pressure and relative motion in colloidal suspensions. <i>Physics of Fluids</i> , 2005, 17, 053301.	4.0	44
7	Premelting Dynamics: Geometry and Interactions. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6137-6141.	2.6	16
8	Freeze fracturing of elastic porous media: a mathematical model. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20140741.	2.1	16
9	INTERFACES ON ALL SCALES DURING SOLIDIFICATION AND MELTING. , 2002, , 187-201.		7
10	Patterns of convection in solidifying binary solutions. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2011, 105, 304-328.	1.2	2