

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