

Mark R Frank

List of Publications by Year in descending order

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11
papers

1,080
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward an internally consistent pressure scale. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9182-9186.	7.1	566
2	Constraining the equation of state of fluid H ₂ O to 80 GPa using the melting curve, bulk modulus, and thermal expansivity of Ice VII. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2781-2790.	3.9	110
3	Gold partitioning in melt-vapor-brine systems. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3321-3335.	3.9	110
4	Gold solubility, speciation, and partitioning as a function of HCl in the brine-silicate melt-metallic gold system at 800°C and 100 MPa. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3719-3732.	3.9	88
5	Gold and copper partitioning in magmatic-hydrothermal systems at 800°C and 100MPa. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2470-2482.	3.9	74
6	Alkali exchange equilibria between a silicate melt and coexisting magmatic volatile phase: an experimental study at 800°C and 100 MPa. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 1415-1427.	3.9	62
7	Experimental study of the NaCl-H ₂ O system up to 28GPa: Implications for ice-rich planetary bodies. <i>Physics of the Earth and Planetary Interiors</i> , 2006, 155, 152-162.	1.9	35
8	Temperature induced immiscibility in the NaCl-H ₂ O system at high pressure. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 170, 107-114.	1.9	12
9	A comparison of ice VII formed in the H ₂ O, NaCl-H ₂ O, and CH ₃ OH-H ₂ O systems: Implications for H ₂ O-rich planets. <i>Physics of the Earth and Planetary Interiors</i> , 2013, 215, 12-20.	1.9	11
10	An experimental study of high temperature potassic alteration. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 83, 195-204.	3.9	8
11	Potassium chloride-bearing ice VII and ice planet dynamics. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 156-166.	3.9	4