

Dean Nevins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10567662/publications.pdf>

Version: 2024-02-01

6
papers

240
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulations of molten $\text{CaAl}_2\text{Si}_2\text{O}_8$; dependence of structure and properties on pressure. <i>American Mineralogist</i> , 1998, 83, 1220-1230.	1.9	55
2	Structure, thermodynamic and transport properties of liquid MgSiO_3 : Comparison of molecular models and laboratory results. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1272-1296.	3.9	51
3	Structure, thermodynamic and transport properties of $\text{CaAl}_2\text{Si}_2\text{O}_8$ liquid. Part I: Molecular dynamics simulations. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6918-6936.	3.9	41
4	Shear viscosity and diffusion in liquid MgSiO_3 : Transport properties and implications for terrestrial planet magma oceans. <i>American Mineralogist</i> , 2009, 94, 975-980.	1.9	38
5	Structure, thermodynamic, and transport properties of molten Mg_2SiO_4 : Molecular dynamics simulations and model EOS. <i>American Mineralogist</i> , 2009, 94, 693-703.	1.9	35
6	Molecular dynamics studies of $\text{CaAl}_2\text{Si}_2\text{O}_8$ liquid. Part II: Equation of state and a thermodynamic model. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6937-6951.	3.9	20