

Dipak Prasad

List of Publications by Year in descending order

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9
papers

55
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular level deformation mechanism of ettringite. Cement and Concrete Research, 2019, 124, 105836.	11.0	12
2	Intermolecular dynamics of ultraconfined interlayer water in tobermorite: influence on mechanical performance. Physical Chemistry Chemical Physics, 2019, 21, 11416-11423.	2.8	12
3	Intermolecular Dynamics of Water: Suitability of Reactive Interatomic Potential. Journal of Physical Chemistry B, 2019, 123, 6529-6535.	2.6	9
4	Terahertz spectroscopy of diglycidylether of bisphenol A: Experimental investigations and density functional theory based simulations. Journal of Molecular Structure, 2019, 1184, 114-122.	3.6	7
5	An atomistic study of phase transition in cubic diamond Si single crystal subjected to static compression. Computational Materials Science, 2019, 156, 232-240.	3.0	7
6	High-temperature and high-pressure plastic phase of ice at the boundary of liquid water and ice VII. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, .	2.1	5
7	Stretchâ€induced helix to extended coil transition of crystalline Î± phase isotactic polypropylene: A molecular dynamics study. Polymer Crystallization, 2020, 3, e10143.	0.8	2
8	Identification of molecular vibrations associated with tacticity in polypropylene: Density functional theoryâ€based simulations. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 1378-1385.	2.1	1
9	Surface Reactivity of Cementitious Crystals Alite and Belite. Journal of Physical Chemistry C, 2022, 126, 11265-11276.	3.1	0