

Saeed Masoumi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

370
citations

1162889

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h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale origins of creep in calcium-silicate hydrates. Nature Communications, 2018, 9, 1785.	5.8	84
2	A study of thermo-mechanical properties of the cross-linked epoxy: An atomistic simulation. Polymer, 2015, 70, 351-360.	1.8	66
3	Effective Interactions between Calcium-Silicate-Hydrate Nanolayers. Journal of Physical Chemistry C, 2019, 123, 4755-4766.	1.5	54
4	Intermolecular Forces between Nanolayers of Crystalline Calcium-Silicate-Hydrates in Aqueous Medium. Journal of Physical Chemistry C, 2017, 121, 5565-5572.	1.5	51
5	Effects of moisture exposure on the crosslinked epoxy system: an atomistic study. Modelling and Simulation in Materials Science and Engineering, 2016, 24, 035011.	0.8	31
6	Interparticle Interactions in Colloidal Systems: Toward a Comprehensive Mesoscale Model. ACS Applied Materials & Interfaces, 2017, 9, 27338-27349.	4.0	31
7	Nanolayered attributes of calcium-silicate-hydrate gels. Journal of the American Ceramic Society, 2020, 103, 541-557.	1.9	24
8	Silicate Bond Characteristics in Calcium-Silicate-Hydrates Determined by High Pressure Raman Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 18335-18345.	1.5	19
9	Chemo-mechanical properties of carbon fiber reinforced geopolymer interphase. Journal of the American Ceramic Society, 2022, 105, 1519-1532.	1.9	6
10	Multiscale analysis of viscoelastic laminated composite plates using generalized differential quadrature. Acta Mechanica, 2012, 223, 2459-2476.	1.1	2
11	Multi-scale analysis of viscoelastic-viscoplastic laminated composite plates using generalized differential quadrature method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2013, 227, 1406-1416.	1.1	2