

Ram V Mohan

List of Publications by Year in descending order

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9
papers

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citations

1937685

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1872680

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10
docs citations

10
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrostatic compression and pressure phase transition of major Portland cement constituents – Insights via molecular dynamics modeling. Cement, 2022, 7, 100017.	2.7	2
2	Processing and mechanical behavior of rigid and flexible material composite systems formed via voxel digital design in polyjet additive manufacturing. Rapid Prototyping Journal, 2021, 27, 617-626.	3.2	5
3	Morphological and growth characteristics of template-assisted electrodeposited cobalt nanowires: Effect of synthesis current density and temperature. MRS Advances, 2021, 6, 659-663.	0.9	5
4	Deformation Mechanisms and Dislocations in Nickel–Cobalt Core–Shell Nanowires Under Uniaxial Tensile Loading – A Molecular Dynamics Modeling Analysis. Advanced Science, Engineering and Medicine, 2019, 11, 1187-1201.	0.3	5
5	Effect of Current Density and Temperature on Template Assisted Cobalt Nanowire. , 2019, , .		1
6	A molecular dynamics investigation of hydrostatic compression characteristics of mineral Jennite. Cement and Concrete Research, 2017, 99, 62-69.	11.0	13
7	Constitutive Stiffness Characteristics of Cement Paste as a Multiphase Composite System – A Molecular Dynamics-Based Model. Journal of Engineering Materials and Technology, Transactions of the ASME, 2017, 139, .	1.4	5
8	Voxel and stereolithographic digital design framework in additive manufacturing: effects in a PolyJet printing process and relevant digital solutions. Progress in Additive Manufacturing, 0, , 1.	4.8	3
9	Crystal-structural characteristics of template-assisted electrodeposited cobalt nanowires: Effect of synthesis current density and temperature. MRS Advances, 0, , 1.	0.9	1