

DrPramod Kumar

List of Publications by Year in descending order

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papers

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1040056

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394
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on microalgae strains, cultivation, harvesting, biodiesel conversion and engine implementation. <i>Biofuels</i> , 2021, 12, 91-102.	2.4	28
2	Green composites: A review of processing technologies and recent applications. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 1145-1171.	4.2	112
3	A comprehensive review on preparation, characterization, and combustion characteristics of microemulsion based hybrid biofuels. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 117, 109498.	16.4	36
4	A novel approach to study the effect of cetane improver on performance, combustion and emission characteristics of a CI engine fuelled with E20 (diesel + bioethanol) blend. <i>Sustainable Chemistry and Pharmacy</i> , 2019, 14, 100185.	3.3	15
5	Prediction of properties of silica nanoparticle/hydroxyapatite fiber reinforced Bis-GMA/TEGDMA composites using molecular dynamics. <i>Computational Materials Science</i> , 2019, 158, 32-41.	3.0	16
6	Prospect of Algal Biodiesel as a Fuel in Engine. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 8, 2739-2744.	0.3	2
7	Effect of Variation of Johnson-Cook Parameters on Kinetic Energy and Simulation of 4340 Steel Projectile. <i>Materials Today: Proceedings</i> , 2018, 5, 27884-27892.	1.8	5
8	Dynamic Material Model Parameters for Laminated Glass by Analytical Approach and its Simulation as per EN 1063. <i>Materials Today: Proceedings</i> , 2018, 5, 27893-27901.	1.8	2
9	Carbon nanotube reinforced titanium composites: An experimental and molecular dynamics study. <i>Journal of Composite Materials</i> , 2018, 52, 4117-4123.	2.4	10
10	Mechanical and thermal properties of graphene-carbon nanotube-reinforced metal matrix composites: A molecular dynamics study. <i>Journal of Composite Materials</i> , 2017, 51, 3299-3313.	2.4	56
11	Molecular level analysis of carbon nanofiber reinforced polymer composites. <i>Journal of Composite Materials</i> , 2016, 50, 1787-1804.	2.4	9
12	Effect of Stone-Wales and vacancy defects on elastic moduli of carbon nanotubes and their composites using molecular dynamics simulation. <i>Computational Materials Science</i> , 2014, 86, 1-8.	3.0	52
13	Interphase Effect on Fiber-Reinforced Polymer Composites. <i>Composite Interfaces</i> , 2010, 17, 15-35.	2.3	21