

Shreedhar Kolekar

List of Publications by Year in descending order

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15
papers

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1478505

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15
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citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration Controllability of Sandwich Structures with Smart Materials of Electrorheological Fluids and Magnetorheological Materials: A Review. <i>Journal of Vibration Engineering and Technologies</i> , 2019, 7, 359-377.	2.2	49
2	The Synthesis of Organic Oils Blended Magnetorheological Fluids with the Field-Dependent Material Characterization. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5766.	4.1	19
3	Preparation of Magnetorheological Fluid and Study on Its Rheological Properties. <i>International Journal of Nanoscience</i> , 2014, 13, 1450009.	0.7	17
4	Experimental Investigation of Damping Effect in Semi-active Magnetorheological Fluid Sandwich Beam Under Non-Homogeneous Magnetic Field. <i>Journal of Vibration Engineering and Technologies</i> , 2019, 7, 107-116.	2.2	15
5	Preparation of Magnetorheological Fluids Using Different Carriers and Detailed Study on Their Properties. <i>Current Research in Nanotechnology</i> , 2015, 6, 7-15.	0.6	9
6	Design, fabrication and testing of a magnetorheologic fluid braking system for machine tool application. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	9
7	Analysis of Rheological Properties of MR Fluid Based on Variation in Concentration of Iron Particles. <i>Current Research in Nanotechnology</i> , 2014, 5, 12-16.	0.6	7
8	Synthesis and Characterization of Innovative Type Magneto-Rheological Fluid. <i>International Journal of Nanoscience</i> , 2019, 18, 1850041.	0.7	7
9	The Tenability of Vibration Parameters of a Sandwich Beam Featuring Controllable Core: Experimental Investigation. <i>Advances in Acoustics and Vibration</i> , 2017, 2017, 1-10.	0.5	5
10	Vibration Analysis of Simply Supported Magneto Rheological Fluid Sandwich Beam. <i>Applied Mechanics and Materials</i> , 2014, 612, 23-28.	0.2	3
11	Magneto rheological fluid: Fabrication and characterization of its temperature-dependent properties. <i>Materials Today: Proceedings</i> , 2021, 45, 4813-4818.	1.8	2
12	Magneto Rheological Fluid Based Smart Automobile Brake and Clutch Systems. <i>Energy, Environment, and Sustainability</i> , 2019, , 237-268.	1.0	2
13	FATIGUE FAILURE ANALYSIS OF BIKE CRANK ARM USING SOLIDWORKS SIMULATION. <i>Journal of Mechanical Engineering Research and Developments (discontinued)</i> , 2018, 41, 09-13.	0.7	2
14	Synthesis of Magneto Rheological Fluids Using Nickel Particles and Study on Their Rheological Behaviour. <i>Materials Forming, Machining and Tribology</i> , 2020, , 109-122.	1.1	1
15	Design, Fabrication and Testing of Magnetorheological Damper System for Machine Tool Application. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 13-31.	0.4	0