

U Ubaidillah

List of Publications by Year in descending order

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papers

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189
docs citations

189
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress on Magnetorheological Solids: Materials, Fabrication, Testing, and Applications. <i>Advanced Engineering Materials</i> , 2015, 17, 563-597.	1.6	302
2	A review on the fused deposition modeling (FDM) 3D printing: Filament processing, materials, and printing parameters. <i>Open Engineering</i> , 2021, 11, 639-649.	0.7	196
3	NCA cathode material: synthesis methods and performance enhancement efforts. <i>Materials Research Express</i> , 2018, 5, 122001.	0.8	98
4	The Field-Dependent Rheological Properties of Magnetorheological Grease Based on Carbonyl-Iron-Particles. <i>Smart Materials and Structures</i> , 2016, 25, 095043.	1.8	69
5	A high performance magnetorheological valve with a meandering flow path. <i>Smart Materials and Structures</i> , 2014, 23, 065017.	1.8	54
6	Material Characterizations of Gr-Based Magnetorheological Elastomer for Possible Sensor Applications: Rheological and Resistivity Properties. <i>Materials</i> , 2019, 12, 391.	1.3	48
7	Effects of multiwall carbon nanotubes on viscoelastic properties of magnetorheological elastomers. <i>Smart Materials and Structures</i> , 2016, 25, 077001.	1.8	46
8	Constitutive models of magnetorheological fluids having temperature-dependent prediction parameter. <i>Smart Materials and Structures</i> , 2018, 27, 095001.	1.8	46
9	Material Characterization of a Magnetorheological Fluid Subjected to Long-Term Operation in Damper. <i>Materials</i> , 2018, 11, 2195.	1.3	40
10	Development of a modular MR valve using meandering flow path structure. <i>Smart Materials and Structures</i> , 2016, 25, 037001.	1.8	39
11	Recent progress on mixing technology for water-emulsion fuel: A review. <i>Energy Conversion and Management</i> , 2020, 213, 112817.	4.4	39
12	Rheological properties of isotropic magnetorheological elastomers featuring an epoxidized natural rubber. <i>Smart Materials and Structures</i> , 2016, 25, 107001.	1.8	34
13	The field-dependent complex modulus of magnetorheological elastomers consisting of sucrose acetate isobutyrate ester. <i>Journal of Intelligent Material Systems and Structures</i> , 2017, 28, 1993-2004.	1.4	34
14	Implementation of functionalized multiwall carbon nanotubes on magnetorheological elastomer. <i>Journal of Materials Science</i> , 2018, 53, 10122-10134.	1.7	32
15	Role of Additives in Enhancing the Rheological Properties of Magnetorheological Solids: A Review. <i>Advanced Engineering Materials</i> , 2019, 21, 1800696.	1.6	32
16	Modelling, characterisation and force tracking control of a magnetorheological damper under harmonic excitation. <i>International Journal of Modelling, Identification and Control</i> , 2011, 13, 9.	0.2	31
17	Simulation and experimental evaluation on a skyhook policy-based fuzzy logic control for semi-active suspension system. <i>International Journal of Structural Engineering</i> , 2011, 2, 243.	0.3	31
18	An enhancement of mechanical and rheological properties of magnetorheological elastomer with multiwall carbon nanotubes. <i>Journal of Intelligent Material Systems and Structures</i> , 2017, 28, 3127-3138.	1.4	31

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19	Characterization and modeling of a new magnetorheological damper with meandering type valve using neuro-fuzzy. <i>Journal of King Saud University - Science</i> , 2017, 29, 468-477.	1.6	30
20	Enhancement of Particle Alignment Using Silicone Oil Plasticizer and Its Effects on the Field-Dependent Properties of Magnetorheological Elastomers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4085.	1.8	30
21	The field-dependent rheological properties of plate-like carbonyl iron particle-based magnetorheological elastomers. <i>Results in Physics</i> , 2019, 12, 2146-2154.	2.0	30
22	A Concentric Design of a Bypass Magnetorheological Fluid Damper with a Serpentine Flux Valve. <i>Actuators</i> , 2020, 9, 16.	1.2	30
23	A comparative work on the magnetic field-dependent properties of plate-like and spherical iron particle-based magnetorheological grease. <i>PLoS ONE</i> , 2018, 13, e0191795.	1.1	28
24	Testing and parametric modeling of magnetorheological valve with meandering flow path. <i>Nonlinear Dynamics</i> , 2016, 85, 287-302.	2.7	26
25	Thermal Stability and Rheological Properties of Epoxidized Natural Rubber-Based Magnetorheological Elastomer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 746.	1.8	26
26	Simulation and experimental studies on the behaviour of a magnetorheological damper under impact loading. <i>International Journal of Structural Engineering</i> , 2011, 2, 164.	0.3	25
27	Potential Applications of Magnetorheological Elastomers. <i>Applied Mechanics and Materials</i> , 0, 663, 695-699.	0.2	24
28	A Review on the Control of the Mechanical Properties of Ankle Foot Orthosis for Gait Assistance. <i>Actuators</i> , 2019, 8, 10.	1.2	24
29	Prediction of field-dependent rheological properties of magnetorheological grease using extreme learning machine method. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 1727-1742.	1.4	24
30	Accurate and fast estimation for field-dependent nonlinear damping force of meandering valve-based magnetorheological damper using extreme learning machine method. <i>Sensors and Actuators A: Physical</i> , 2021, 318, 112479.	2.0	24
31	A new class of magnetorheological elastomers based on waste tire rubber and the characterization of their properties. <i>Smart Materials and Structures</i> , 2016, 25, 115002.	1.8	22
32	Fabrication and investigation on field-dependent properties of natural rubber based magneto-rheological elastomer isolator. <i>Smart Materials and Structures</i> , 2016, 25, 107002.	1.8	22
33	The field-dependent viscoelastic and transient responses of plate-like carbonyl iron particle based magnetorheological greases. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 788-797.	1.4	22
34	Response of A Magnetorheological Brake under Inertial Loads. <i>International Journal on Electrical Engineering and Informatics</i> , 2015, 7, 308-322.	0.3	21
35	A new control-oriented transient model of variable geometry turbocharger. <i>Energy</i> , 2017, 125, 297-312.	4.5	20
36	The Effect of Particle Shapes on the Field-Dependent Rheological Properties of Magnetorheological Greases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1525.	1.8	20

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37	A new platform for the prediction of field-dependent yield stress and plastic viscosity of magnetorheological fluids using particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2019, 76, 615-628.	4.1	20
38	Physicochemical characterization and rheological properties of magnetic elastomers containing different shapes of corroded carbonyl iron particles. <i>Scientific Reports</i> , 2021, 11, 868.	1.6	20
39	Optimization Parameters and Synthesis of Fluorine Doped Tin Oxide for Dye-Sensitized Solar Cells. <i>Applied Mechanics and Materials</i> , 2014, 575, 689-695.	0.2	19
40	Fabrication and viscoelastic characteristics of waste tire rubber based magnetorheological elastomer. <i>Smart Materials and Structures</i> , 2016, 25, 115026.	1.8	19
41	Characterization of morphological and rheological properties of rigid magnetorheological foams via in situ fabrication method. <i>Journal of Materials Science</i> , 2019, 54, 13821-13833.	1.7	17
42	A comparative assessment of different dispersing aids in enhancing magnetorheological elastomer properties. <i>Smart Materials and Structures</i> , 2018, 27, 117002.	1.8	16
43	Enhancement of Viscoelastic and Electrical Properties of Magnetorheological Elastomers with Nanosized Ni-Mg Cobalt-Ferrites as Fillers. <i>Materials</i> , 2019, 12, 3531.	1.3	15
44	Performance of bidisperse magnetorheological fluids utilizing superparamagnetic maghemite nanoparticles. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	13
45	Swelling, Thermal, and Shear Properties of a Waste Tire Rubber Based Magnetorheological Elastomer. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	13
46	Rheological Performance of Magnetorheological Grease with Embedded Graphite Additives. <i>Materials</i> , 2021, 14, 5091.	1.3	13
47	Mini review on the design of axial type eddy current braking technology. <i>International Journal of Power Electronics and Drive Systems</i> , 2019, 10, 2198.	0.5	13
48	Study of extreme learning machine activation functions for magnetorheological fluid modelling in medical devices application. , 2017, , .		12
49	The Effect of Microparticles on the Storage Modulus and Durability Behavior of Magnetorheological Elastomer. <i>Micromachines</i> , 2021, 12, 948.	1.4	12
50	Review of Magnetorheological Damping Systems on a Seismic Building. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9339.	1.3	12
51	FUZZY LOGIC CONTROL FOR ANKLE FOOT ORTHOSES EQUIPPED WITH MAGNETORHEOLOGICAL BRAKE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	11
52	Material Characterization of Magnetorheological Elastomers with Corroded Carbonyl Iron Particles: Morphological Images and Field-dependent Viscoelastic Properties. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3311.	1.8	11
53	Magnetic and Tunable Sound Absorption Properties of an In-Situ Prepared Magnetorheological Foam. <i>Materials</i> , 2020, 13, 5637.	1.3	11
54	Microstructural behavior of magnetorheological elastomer undergoing durability evaluation by stress relaxation. <i>Scientific Reports</i> , 2021, 11, 10936.	1.6	11

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55	A Feasibility Study of Magnetorheological Elastomer Base Isolator. Applied Mechanics and Materials, 2014, 660, 763-767.	0.2	10
56	Control Reference Parameter for Stance Assistance Using a Passive Controlled Ankle Foot Orthosis—A Preliminary Study. Applied Sciences (Switzerland), 2019, 9, 4416.	1.3	10
57	Enhancement of sensitivity of magnetostrictive foam in low magnetic fields for sensor applications. Polymer, 2020, 211, 123083.	1.8	10
58	The Rheological Studies on Poly(vinyl) Alcohol-Based Hydrogel Magnetorheological Plastomer. Polymers, 2020, 12, 2332.	2.0	10
59	Solvent Dependence of the Rheological Properties in Hydrogel Magnetorheological Plastomer. International Journal of Molecular Sciences, 2020, 21, 1793.	1.8	10
60	Design analysis of formula student race car suspension system. AIP Conference Proceedings, 2018, , .	0.3	9
61	Vertical bending strength and torsional rigidity analysis of formula student car chassis. AIP Conference Proceedings, 2018, , .	0.3	9
62	An Overview of Durability Evaluations of Elastomer-Based Magnetorheological Materials. IEEE Access, 2020, 8, 134536-134552.	2.6	9
63	Shear band formation in magnetorheological elastomer under stress relaxation. Smart Materials and Structures, 2021, 30, 045015.	1.8	9
64	The Influence of Aluminum Conductor Shape Modification on Eddy-Current Brake Using Finite Element Method. , 2019, , .		8
65	Thermal Aging Rheological Behavior of Magnetorheological Elastomers Based on Silicone Rubber. International Journal of Molecular Sciences, 2020, 21, 9007.	1.8	8
66	Systematic Review on the Effects, Roles and Methods of Magnetic Particle Coatings in Magnetorheological Materials. Materials, 2020, 13, 5317.	1.3	8
67	A Novel Approach on the Unipolar Axial Type Eddy Current Brake Model Considering the Skin Effect. Energies, 2020, 13, 1561.	1.6	8
68	Sensitivities of Rheological Properties of Magnetoactive Foam for Soft Sensor Technology. Sensors, 2021, 21, 1660.	2.1	8
69	Magnetorheological valve based actuator for improvement of passively controlled turbocharger system. AIP Conference Proceedings, 2016, , .	0.3	7
70	An overview of nanoparticles utilization in magnetorheological materials. AIP Conference Proceedings, 2016, , .	0.3	7
71	Acoustic performance of corn husk fiber (Zea mays L) waste composite as sound absorber with latex adhesive. AIP Conference Proceedings, 2019, , .	0.3	7
72	Analytical Approach of a Pure Flow Mode Serpentine Path Rotary Magnetorheological Damper. Actuators, 2020, 9, 56.	1.2	7

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73	Prediction Model of Magnetorheological (MR) Fluid Damper Hysteresis Loop using Extreme Learning Machine Algorithm. <i>Open Engineering</i> , 2021, 11, 584-591.	0.7	7
74	The Effect of Sr-CoFe ₂ O ₄ Nanoparticles with Different Particles Sized as Additives in CIP-Based Magnetorheological Fluid. <i>Materials</i> , 2021, 14, 3684.	1.3	7
75	Effects of mechanical vibration on designed steel-based plate geometries: behavioral estimation subjected to applied material classes using finite-element method. <i>Curved and Layered Structures</i> , 2021, 8, 225-240.	0.5	7
76	Magnetically-Induced Pressure Generation in Magnetorheological Fluids under the Influence of Magnetic Fields. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9807.	1.3	7
77	Sensor Number Optimization Using Neural Network for Ankle Foot Orthosis Equipped with Magnetorheological Brake. <i>Open Engineering</i> , 2020, 11, 91-101.	0.7	7
78	Properties of plate-like carbonyl iron particle for magnetorheological fluid. <i>Journal of Physics: Conference Series</i> , 2016, 776, 012033.	0.3	6
79	Perfect sound insulation property of reclaimed waste tire rubber. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
80	Performance prediction of serpentine type compact magnetorheological brake prototype. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
81	Static load simulation of steering knuckle for a formula student race car. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	6
82	Improvement of magnetorheological greases with superparamagnetic nanoparticles. <i>MATEC Web of Conferences</i> , 2018, 159, 02066.	0.1	6
83	A mathematical modelling and experimental study of annular-radial type magnetorheological damper. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2021, 66, 543-560.	0.3	6
84	Design and simulation of a combined serpentine t-shape magnetorheological brake. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019, 13, 1221.	0.7	6
85	Physicochemical Properties and Stress-Strain Compression Behaviors of a Waste based Magnetorheological Elastomers. <i>Scientia Iranica</i> , 2016, 23, 1144-1159.	0.3	6
86	Field-Dependent Rheological Properties of Magnetorheological Elastomer with Fountain-Like Particle Chain Alignment. <i>Micromachines</i> , 2022, 13, 492.	1.4	6
87	Effect of carbonyl iron particles composition on the physical characteristics of MR grease. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	5
88	On the Use of Coupled Cavity Helmholtz Resonator Inclusion for Improving Absorption Performance of Wooden Sound Diffuser Element. <i>Procedia Engineering</i> , 2017, 170, 458-462.	1.2	5
89	Controller development of a passive control ankle foot orthosis. , 2017, , .		5
90	Utilization of Bamboo Fiber in the Development of Environmentally Friendly Composite – A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1096, 012038.	0.3	5

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91	Recent Progress of Fused Deposition Modeling (FDM) 3D Printing: Constructions, Parameters and Processings. IOP Conference Series: Materials Science and Engineering, 2021, 1096, 012045.	0.3	5
92	In Vitro Degradation and Cytotoxicity of Eggshell-Based Hydroxyapatite: A Systematic Review and Meta-Analysis. Polymers, 2021, 13, 3223.	2.0	5
93	Relationship between the response of microscopic and magnetic properties with highly uniform dispersion of carbonyl iron particles in magnetorheological polyurethane foam. Smart Materials and Structures, 2020, 29, 115012.	1.8	5
94	Preliminary experimental evaluation of a novel loudspeaker featuring magnetorheological fluid surround absorber. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 922.	0.7	5
95	A New Magnetorheological Fluids Damper for Unmanned Aerial Vehicles. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 73, 35-45.	0.3	5
96	Simulation and experimental studies on the behavior of a magnetorheological damper under impact loading. , 2011, , .		4
97	Underwater Acoustics Evaluation of Glass Fiber “ Polyurethane Sandwich Composite. Applied Mechanics and Materials, 0, 660, 516-520.	0.2	4
98	Modeling of Magnetorheological Damper Using Back Propagation Neural Network. Advanced Materials Research, 0, 896, 396-400.	0.3	4
99	Experimental Study of Thermoelectric Generators. Applied Mechanics and Materials, 0, 663, 299-303.	0.2	4
100	Investigation on magnetic field dependent modulus of epoxidized natural rubber based magnetorheological elastomer. Journal of Physics: Conference Series, 2016, 776, 012024.	0.3	4
101	Green synthesis of silver nanoparticles in biopolymer stabilizer and their application as antibacterial efficacy. AIP Conference Proceedings, 2017, , .	0.3	4
102	Three-dimensional finite element magnetic simulation of an innovative multi-coiled magnetorheological brake. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012052.	0.3	4
103	Design Study in Single Disk Axial Eddy Current Brake. , 2018, , .		4
104	Improving Passive Ankle Foot Orthosis System Using Estimated Ankle Velocity Reference. IEEE Access, 2020, 8, 194780-194794.	2.6	4
105	A Transient Model of a Variable Geometry Turbocharger Turbine Using a Passive Actuator. Arabian Journal for Science and Engineering, 2021, 46, 2565-2577.	1.7	4
106	A machine learning approach to estimate magnetorheological suspension composition based on magnetic field dependent-rheological properties. Smart Materials and Structures, 2021, 30, 105013.	1.8	4
107	Mini review: an insight on the fabrication methods of smart magnetic polymer foam. Journal of Magnetism and Magnetic Materials, 2021, 534, 168038.	1.0	4
108	The effect of $Mn_xCo_{(1-x)}Fe_2O_4$ with $x = 0, 0.25$ and 0.5 as nanoparticles additives in magnetorheological fluid. Smart Materials and Structures, 2020, 29, 114004.	1.8	4

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109	Declining Performance of Silicone-Based Magnetorheological Elastomers after Accelerated Weathering. <i>Materials</i> , 2021, 14, 6389.	1.3	4
110	Improvement of Space Tube Frame for Formula Student Vehicle. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 735-744.	0.3	4
111	Non-parametric multiple inputs prediction model for magnetic field dependent complex modulus of magnetorheological elastomer. <i>Scientific Reports</i> , 2022, 12, 2657.	1.6	4
112	Rheological properties of carbon nanotubes-reinforced magnetorheological elastomer. <i>Journal of Physics: Conference Series</i> , 2017, 795, 012074.	0.3	3
113	Aerodynamic analysis of formula student car. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
114	The noise absorption performance of sugarcane-bagasse-polyvinyl acetate glue based absorber. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
115	Parametric Design in Single Disk Axial Eddy Current Brake. , 2018, , .		3
116	Numerical simulation of several impact attenuator design for a formula student car. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
117	Shock and harmonic response analysis of UAV nose landing gear system with air damper. <i>Cogent Engineering</i> , 2021, 8, .	1.1	3
118	Solar Cell Cooling with Phase Change Material (PCM) for Enhanced Efficiency: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1096, 012052.	0.3	3
119	Development of Vibration Isolator Magnetorheological Elastomer Based. <i>Journal of Physics: Conference Series</i> , 2021, 1908, 012020.	0.3	3
120	Effect of Curing Current on Stiffness and Damping Properties of Magnetorheological Elastomers. <i>International Journal of Sustainable Transportation Technology</i> , 2018, 1, 51-58.	0.1	3
121	Torque Characterization of T-shaped Magnetorheological Brake Featuring Serpentine Magnetic Flux. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 78, 85-97.	0.3	3
122	Finite Element Magnetic Method for Magnetorheological Based Actuators. , 0, , .		3
123	Comprehensive study on physicochemical characteristics of magnetorheological elastomer featuring epoxidized natural rubber. <i>Smart Materials and Structures</i> , 2022, 31, 055017.	1.8	3
124	A Novel Z Profile of Pultruded Glass-Fibre-Reinforced Polymer Beams for Purlins. <i>Sustainability</i> , 2022, 14, 5862.	1.6	3
125	Physicochemical Characterization and Antibacterial Activity of Titanium/Shellac-Coated Hydroxyapatite Composites. <i>Coatings</i> , 2022, 12, 680.	1.2	3
126	Simulation and model verification of a vehicle handling dynamics. , 2015, , .		2

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127	Effect of sucrose acetate isobutyrate ester on the epoxidised natural rubber based magnetorheological elastomers. Journal of Physics: Conference Series, 2016, 776, 012034.	0.3	2
128	Steady compression characteristics of laminated MRE isolator. Journal of Physics: Conference Series, 2016, 776, 012036.	0.3	2
129	Magnetostatic simulation on a novel design of axially multi-coiled magnetorheological brakes. AIP Conference Proceedings, 2016, , .	0.3	2
130	Rheological properties of a reclaimed waste tire rubber through high-pressure high-temperature sintering. AIP Conference Proceedings, 2017, , .	0.3	2
131	Steering characteristic of an articulated bus under quasi steady maneuvering. AIP Conference Proceedings, 2018, , .	0.3	2
132	Experiment evaluation of impact attenuator for a racing car under static load. AIP Conference Proceedings, 2018, , .	0.3	2
133	Performance prediction of serpentine magnetorheological valves under various gap size. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012007.	0.3	2
134	Characterization of Pole Location on Unipolar Axial Eddy Current Brake. , 2019, , .		2
135	Consumption, power number, and power curve characteristic of water diesel fuel emulsion mixer. AIP Conference Proceedings, 2020, , .	0.3	2
136	Effect of Hard Magnetic CoFe₂O₄ Nanoparticles Additives on Improving Rheological Properties and Dispersion Stability of Magnetorheological Fluids. Key Engineering Materials, 0, 855, 89-95.	0.4	2
137	Development of Utilization Alkali-Treated Bamboo Fiber as a Strengthener in Thermoset and Thermoplastic Composites. IOP Conference Series: Materials Science and Engineering, 2021, 1096, 012037.	0.3	2
138	Enhancement of the rheological properties of magnetorheological elastomer via polystyrene- ϵ -grafted carbonyl iron particles. Journal of Applied Polymer Science, 2021, 138, 50860.	1.3	2
139	Loss Factor Behavior of Thermally Aged Magnetorheological Elastomers. Materials, 2021, 14, 4874.	1.3	2
140	An Insight into Amorphous Shear Band in Magnetorheological Solid by Atomic Force Microscope. Materials, 2021, 14, 4384.	1.3	2
141	Intrinsic Apparent Viscosity and Rheological Properties of Magnetorheological Grease with Dilution Oils. Lecture Notes in Mechanical Engineering, 2020, , 171-180.	0.3	2
142	The Effect of Graphite Additives on Magnetization, Resistivity and Electrical Conductivity of Magnetorheological Plastomer. Materials, 2021, 14, 7484.	1.3	2
143	Semi-Active Controllable Stiffness Engine Mount Utilizing Natural Rubber-Based Magnetorheological Elastomers. Frontiers in Materials, 2022, 9, .	1.2	2
144	Digital rights management with ABAC implementation to improve enterprise document protection. , 2014, , .		1

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145	Simulation and experimental studies on braking response of inertial load using magnetorheological brake. , 2014, , .		1
146	Performance Simulation on a Magnetorheological Valve Module Using Three Different Commercial Magnetorheological Fluid. Advanced Materials Research, 0, 1123, 35-41.	0.3	1
147	Physicochemical and Viscoelastic Properties of Magnetorheological Solids. , 2016, , 308-336.		1
148	Sound absorption enhancement of nonwoven felt by using coupled membrane - sonic crystal inclusion. Journal of Physics: Conference Series, 2016, 776, 012073.	0.3	1
149	Influence of additional coupling agent on the mechanical properties of polyesterâ€“agave cantala roxb based composites. AIP Conference Proceedings, 2016, , .	0.3	1
150	The electric conductivity of Cu-doped ZnO as effect of sintering temperature. AIP Conference Proceedings, 2016, , .	0.3	1
151	Computational studies of an intake manifold for restricted engine application. AIP Conference Proceedings, 2018, , .	0.3	1
152	Design of magnetic Circuit Simulation for Curing Device of Anisotropic MRE. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012008.	0.3	1
153	Rheological properties of plate-like shape carbonyl iron particles compositions based magnetorheological grease in oscillatory mode. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012001.	0.3	1
154	The Changed of Behaviour of MR Fluid in MR Damper after a Long-Term Operation. Key Engineering Materials, 0, 775, 171-176.	0.4	1
155	Performance of magnetorheological elastomer based green epoxidized natural rubber/sucrose acetate isobutyrate hybrid matrix. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012034.	0.3	1
156	Magnetorheological Elastomer Silicone-Based Containing Corroded Carbonyl Iron Particles. Key Engineering Materials, 0, 772, 51-55.	0.4	1
157	Performance of Magnetorheological Elastomer Based Silicone/SAIB. Key Engineering Materials, 2018, 772, 61-65.	0.4	1
158	Acoustic performance of porous sound absorber based on Sterculia foetida Linn. AIP Conference Proceedings, 2019, , .	0.3	1
159	Reactive muffler with additional U-shaped cavities. AIP Conference Proceedings, 2019, , .	0.3	1
160	Effect of Mould Orientation on the Field-Dependent Properties of MR Elastomers under Shear Deformation. Polymers, 2021, 13, 3273.	2.0	1
161	An Innovative Design of Magnetorheological Lateral Damper for Secondary Suspension of a Train. International Journal of Sustainable Transportation Technology, 2019, 2, 47-53.	0.1	1
162	Characterization of T-shaped magneto-rheological brake. Journal of Islam in Asia, 2020, 71, 1-11.	0.2	1

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163	Enhancement of Isotropic Magnetorheological Elastomer Properties by Silicone Oil. Lecture Notes in Mechanical Engineering, 2020, , 285-292.	0.3	1
164	Effect of Time and Frequency of Magnetic Field Application on MRF Pressure Performance. Micromachines, 2022, 13, 222.	1.4	1
165	Industrial Implementation of Aluminum Trihydrate-Fiber Composition for Fire Resistance and Mechanical Properties in Glass-Fiber-Reinforced Polymer Roofs. Polymers, 2022, 14, 1273.	2.0	1
166	Potential Implementation of Electronic Waste Based Magnetite Powder for Magnetorheological Elastomers. Advanced Materials Research, 0, 1123, 373-377.	0.3	0
167	Sound absorption enhancement of nonwoven felt by using coupled membrane - sonic crystal inclusion. Journal of Physics: Conference Series, 2016, 776, 012035.	0.3	0
168	Subjective spatiotemporal matrix as a new measure of sound field distribution in a room. Journal of Physics: Conference Series, 2016, 776, 012069.	0.3	0
169	Characterization of biocomposites of bovine hydroxyapatite/shellac/sugar as bone filler material. , 2017, , .		0
170	Performance prediction of magnetorheological valves under various type of fluid and flux path. MATEC Web of Conferences, 2018, 159, 02016.	0.1	0
171	Simulation and Validation of an Anisotropic Magnetorheological Elastomers Mold with Various Alignment Angles. Key Engineering Materials, 0, 772, 66-70.	0.4	0
172	On the sound transmission properties of sonic crystal with the hollow tube type subwavelength secondary local scatterer. AIP Conference Proceedings, 2019, , .	0.3	0
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