

U Ubaidillah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5836876/publications.pdf>

Version: 2024-02-01

185
papers

2,361
citations

257101

24
h-index

288905

40
g-index

189
all docs

189
docs citations

189
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Time and Frequency of Magnetic Field Application on MRF Pressure Performance. <i>Micromachines</i> , 2022, 13, 222.	1.4	1
2	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
3	Comprehensive study on physicochemical characteristics of magnetorheological elastomer featuring epoxidized natural rubber. <i>Smart Materials and Structures</i> , 2022, 31, 055017.	1.8	3
4	Field-Dependent Rheological Properties of Magnetorheological Elastomer with Fountain-Like Particle Chain Alignment. <i>Micromachines</i> , 2022, 13, 492.	1.4	6
5	Industrial Implementation of Aluminum Trihydrate-Fiber Composition for Fire Resistance and Mechanical Properties in Glass-Fiber-Reinforced Polymer Roofs. <i>Polymers</i> , 2022, 14, 1273.	2.0	1
6	Semi-Active Controllable Stiffness Engine Mount Utilizing Natural Rubber-Based Magnetorheological Elastomers. <i>Frontiers in Materials</i> , 2022, 9, .	1.2	2
7	A Novel Z Profile of Pultruded Glass-Fibre-Reinforced Polymer Beams for Purlins. <i>Sustainability</i> , 2022, 14, 5862.	1.6	3
8	Physicochemical Characterization and Antibacterial Activity of Titanium/Shellac-Coated Hydroxyapatite Composites. <i>Coatings</i> , 2022, 12, 680.	1.2	3
9	Force and stiffness behavior of natural rubber based magnetorheological elastomer bushing. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2022, , 1-19.	0.3	0
10	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
11	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
12	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
13	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
14	A Transient Model of a Variable Geometry Turbocharger Turbine Using a Passive Actuator. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 2565-2577.	1.7	4
15	Shock and harmonic response analysis of UAV nose landing gear system with air damper. <i>Cogent Engineering</i> , 2021, 8, .	1.1	3
16	Sensitivities of Rheological Properties of Magnetoactive Foam for Soft Sensor Technology. <i>Sensors</i> , 2021, 21, 1660.	2.1	8
17	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
18	Noise Quality and Muffler Design of A Formula SAE Racecar. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1096, 012057.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Solar Cell Cooling with Phase Change Material (PCM) for Enhanced Efficiency: A Review. IOP Conference Series: Materials Science and Engineering, 2021, 1096, 012052.	0.3	3
20	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
21	Parameters of Savonius Type Hydrokinetic Turbine to Enhance Efficiency. IOP Conference Series: Materials Science and Engineering, 2021, 1096, 012039.	0.3	0
22	Shear band formation in magnetorheological elastomer under stress relaxation. Smart Materials and Structures, 2021, 30, 045015.	1.8	9
23	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
24	Enhancement of the rheological properties of magnetorheological elastomer via polystyrene-grafted carbonyl iron particles. Journal of Applied Polymer Science, 2021, 138, 50860.	1.3	2
25	Microstructural behavior of magnetorheological elastomer undergoing durability evaluation by stress relaxation. Scientific Reports, 2021, 11, 10936.	1.6	11
26	Development of Vibration Isolator Magnetorheological Elastomer Based. Journal of Physics: Conference Series, 2021, 1908, 012020.	0.3	3
27	The Effect of Sr-CoFe ₂ O ₄ Nanoparticles with Different Particles Sized as Additives in CIP-Based Magnetorheological Fluid. Materials, 2021, 14, 3684.	1.3	7
28	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
29	Loss Factor Behavior of Thermally Aged Magnetorheological Elastomers. Materials, 2021, 14, 4874.	1.3	2
30	A mathematical modelling and experimental study of annular-radial type magnetorheological damper. International Journal of Applied Electromagnetics and Mechanics, 2021, 66, 543-560.	0.3	6
31	The Effect of Microparticles on the Storage Modulus and Durability Behavior of Magnetorheological Elastomer. Micromachines, 2021, 12, 948.	1.4	12
32	An Insight into Amorphous Shear Band in Magnetorheological Solid by Atomic Force Microscope. Materials, 2021, 14, 4384.	1.3	2
33	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
34	Crashworthy Examination of a Newly Proposed Impact Attenuator Design: Experimental Testing and Numerical Analysis. Modelling and Simulation in Engineering, 2021, 2021, 1-20.	0.4	0
35	In Vitro Degradation and Cytotoxicity of Eggshell-Based Hydroxyapatite: A Systematic Review and Meta-Analysis. Polymers, 2021, 13, 3223.	2.0	5
36	Effect of Mould Orientation on the Field-Dependent Properties of MR Elastomers under Shear Deformation. Polymers, 2021, 13, 3273.	2.0	1

#	ARTICLE	IF	CITATIONS
37	Rheological Performance of Magnetorheological Grease with Embedded Graphite Additives. <i>Materials</i> , 2021, 14, 5091.	1.3	13
38	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
39	Magnetically-Induced Pressure Generation in Magnetorheological Fluids under the Influence of Magnetic Fields. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9807.	1.3	7
40	Declining Performance of Silicone-Based Magnetorheological Elastomers after Accelerated Weathering. <i>Materials</i> , 2021, 14, 6389.	1.3	4
41	Review of Magnetorheological Damping Systems on a Seismic Building. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9339.	1.3	12
42	Dual Properties of Polyvinyl Alcohol-Based Magnetorheological Plastomer with Different Ratio of DMSO/Water. <i>Sensors</i> , 2021, 21, 7758.	2.1	0
43	Design Study of The Effect of Cover Addition on Eddy Current Brake Type Half Circle Slotted: A Computational Approach. , 2021, , .		0
44	The Effect of Graphite Additives on Magnetization, Resistivity and Electrical Conductivity of Magnetorheological Plastomer. <i>Materials</i> , 2021, 14, 7484.	1.3	2
45	Enhancement of sensitivity of magnetostrictive foam in low magnetic fields for sensor applications. <i>Polymer</i> , 2020, 211, 123083.	1.8	10
46	Consumption, power number, and power curve characteristic of water diesel fuel emulsion mixer. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
47	Thermal Aging Rheological Behavior of Magnetorheological Elastomers Based on Silicone Rubber. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9007.	1.8	8
48	An Overview of Durability Evaluations of Elastomer-Based Magnetorheological Materials. <i>IEEE Access</i> , 2020, 8, 134536-134552.	2.6	9
49	Analytical Approach of a Pure Flow Mode Serpentine Path Rotary Magnetorheological Damper. <i>Actuators</i> , 2020, 9, 56.	1.2	7
50	Improving Passive Ankle Foot Orthosis System Using Estimated Ankle Velocity Reference. <i>IEEE Access</i> , 2020, 8, 194780-194794.	2.6	4
51	Systematic Review on the Effects, Roles and Methods of Magnetic Particle Coatings in Magnetorheological Materials. <i>Materials</i> , 2020, 13, 5317.	1.3	8
52	Magnetic and Tunable Sound Absorption Properties of an In-Situ Prepared Magnetorheological Foam. <i>Materials</i> , 2020, 13, 5637.	1.3	11
53	The Rheological Studies on Poly(vinyl) Alcohol-Based Hydrogel Magnetorheological Plastomer. <i>Polymers</i> , 2020, 12, 2332.	2.0	10
54	Solvent Dependence of the Rheological Properties in Hydrogel Magnetorheological Plastomer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1793.	1.8	10

#	ARTICLE	IF	CITATIONS
55	A Concentric Design of a Bypass Magnetorheological Fluid Damper with a Serpentine Flux Valve. Actuators, 2020, 9, 16.	1.2	30
56	A novel blind chessboard support system (BCSS) featuring magnetorheological elastomer sensor. AIP Conference Proceedings, 2020, , .	0.3	0
57	Simulation study on a torsional stiffness test apparatus for space tube frame chassis. AIP Conference Proceedings, 2020, , .	0.3	0
58	A Novel Approach on the Unipolar Axial Type Eddy Current Brake Model Considering the Skin Effect. Energies, 2020, 13, 1561.	1.6	8
59	Recent progress on mixing technology for water-emulsion fuel: A review. Energy Conversion and Management, 2020, 213, 112817.	4.4	39
60	Intrinsic Apparent Viscosity and Rheological Properties of Magnetorheological Grease with Dilution Oils. Lecture Notes in Mechanical Engineering, 2020, , 171-180.	0.3	2
61	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
62	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
63	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
64	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
65	Characterization of T-shaped magneto-rheological brake. Journal of Islam in Asia, 2020, 71, 1-11.	0.2	1
66	Torque Characterization of T-shaped Magnetorheological Brake Featuring Serpentine Magnetic Flux. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 78, 85-97.	0.3	3
67	Enhancement of Isotropic Magnetorheological Elastomer Properties by Silicone Oil. Lecture Notes in Mechanical Engineering, 2020, , 285-292.	0.3	1
68	Improvement of Space Tube Frame for Formula Student Vehicle. Lecture Notes in Mechanical Engineering, 2020, , 735-744.	0.3	4
69	Neuro-fuzzy Hysteresis Modeling of Magnetorheological Dampers. Lecture Notes in Mechanical Engineering, 2020, , 629-644.	0.3	0
70	Mini Review on Effect of Coatings on the Performance of Magnetorheological Materials. Lecture Notes in Mechanical Engineering, 2020, , 191-199.	0.3	0
71	Sensor Number Optimization Using Neural Network for Ankle Foot Orthosis Equipped with Magnetorheological Brake. Open Engineering, 2020, 11, 91-101.	0.7	7
72	Material Characterization of Magnetorheological Elastomers with Corroded Carbonyl Iron Particles: Morphological Images and Field-dependent Viscoelastic Properties. International Journal of Molecular Sciences, 2019, 20, 3311.	1.8	11

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Material Characterizations of Gr-Based Magnetorheological Elastomer for Possible Sensor Applications: Rheological and Resistivity Properties. <i>Materials</i> , 2019, 12, 391.	1.3	48
76	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
77	Acoustic performance of porous sound absorber based on <i>Sterculia foetida</i> Linn. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
78	Acoustic performance of corn husk fiber (<i>Zea mays</i> L) waste composite as sound absorber with latex adhesive. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	7
79	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
80	On the sound transmission properties of sonic crystal with the hollow tube type subwavelength secondary local scatterer. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
81	Swelling, Thermal, and Shear Properties of a Waste Tire Rubber Based Magnetorheological Elastomer. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	13
82	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
83	Reactive muffler with additional U-shaped cavities. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
84	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
85	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
86	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
87	The Influence of Aluminum Conductor Shape Modification on Eddy-Current Brake Using Finite Element Method. , 2019, , .		8
88	Characterization of Pole Location on Unipolar Axial Eddy Current Brake. , 2019, , .		2
89	Magnetostatic Simulation in a Novel Magnetorheological Elastomer Based Loudspeaker Surround. , 2019, , .		0
90	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

#	ARTICLE	IF	CITATIONS
91	Control Reference Parameter for Stance Assistance Using a Passive Controlled Ankle Foot Orthosis—A Preliminary Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4416.	1.3	10
92	Semi Active Control of Solar Tracker Using Variable Position of Added Mass Control. , 2019, , .		0
93	Role of Additives in Enhancing the Rheological Properties of Magnetorheological Solids: A Review. <i>Advanced Engineering Materials</i> , 2019, 21, 1800696.	1.6	32
94	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
95	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
96	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
97	An Innovative Design of Magnetorheological Lateral Damper for Secondary Suspension of a Train. <i>International Journal of Sustainable Transportation Technology</i> , 2019, 2, 47-53.	0.1	1
98	Aerodynamic analysis of formula student car. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
99	Implementation of functionalized multiwall carbon nanotubes on magnetorheological elastomer. <i>Journal of Materials Science</i> , 2018, 53, 10122-10134.	1.7	32
100	Design analysis of formula student race car suspension system. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	9
101	Performance prediction of magnetorheological valves under various type of fluid and flux path. <i>MATEC Web of Conferences</i> , 2018, 159, 02016.	0.1	0
102	Constitutive models of magnetorheological fluids having temperature-dependent prediction parameter. <i>Smart Materials and Structures</i> , 2018, 27, 095001.	1.8	46
103	Computational studies of an intake manifold for restricted engine application. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
104	Vertical bending strength and torsional rigidity analysis of formula student car chassis. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	9
105	The noise absorption performance of sugarcane-bagasse-polyvinyl acetate glue based absorber. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
106	Static load simulation of steering knuckle for a formula student race car. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	6
107	Design of magnetic Circuit Simulation for Curing Device of Anisotropic MRE. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 333, 012008.	0.3	1
108	Parametric Design in Single Disk Axial Eddy Current Brake. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
109	Design Study in Single Disk Axial Eddy Current Brake. , 2018, , .		4
110	Material Characterization of a Magnetorheological Fluid Subjected to Long-Term Operation in Damper. Materials, 2018, 11, 2195.	1.3	40
111	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
112	NCA cathode material: synthesis methods and performance enhancement efforts. Materials Research Express, 2018, 5, 122001.	0.8	98
113	A comparative assessment of different dispersing aids in enhancing magnetorheological elastomer properties. Smart Materials and Structures, 2018, 27, 117002.	1.8	16
114	Numerical simulation of several impact attenuator design for a formula student car. AIP Conference Proceedings, 2018, , .	0.3	3
115	Steering characteristic of an articulated bus under quasi steady maneuvering. AIP Conference Proceedings, 2018, , .	0.3	2
116	Experiment evaluation of impact attenuator for a racing car under static load. AIP Conference Proceedings, 2018, , .	0.3	2
117	Improvement of magnetorheological greases with superparamagnetic nanoparticles. MATEC Web of Conferences, 2018, 159, 02066.	0.1	6
118	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
119	A comparative work on the magnetic field-dependent properties of plate-like and spherical iron particle-based magnetorheological grease. PLoS ONE, 2018, 13, e0191795.	1.1	28
120	Performance of Magnetorheological Elastomer Based Silicone/SAIB. Key Engineering Materials, 2018, 772, 61-65.	0.4	1
121	Performance prediction of serpentine magnetorheological valves under various gap size. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012007.	0.3	2
122	Effect of Curing Current on Stiffness and Damping Properties of Magnetorheological Elastomers. International Journal of Sustainable Transportation Technology, 2018, 1, 51-58.	0.1	3
123	Green synthesis of silver nanoparticles in biopolymer stabilizer and their application as antibacterial efficacy. AIP Conference Proceedings, 2017, , .	0.3	4
124	A new control-oriented transient model of variable geometry turbocharger. Energy, 2017, 125, 297-312.	4.5	20
125	Rheological properties of a reclaimed waste tire rubber through high-pressure high-temperature sintering. AIP Conference Proceedings, 2017, , .	0.3	2
126	Rheological properties of carbon nanotubes-reinforced magnetorheological elastomer. Journal of Physics: Conference Series, 2017, 795, 012074.	0.3	3

#	ARTICLE	IF	CITATIONS
127	Performance prediction of serpentine type compact magnetorheological brake prototype. AIP Conference Proceedings, 2017, , .	0.3	6
128	An enhancement of mechanical and rheological properties of magnetorheological elastomer with multiwall carbon nanotubes. Journal of Intelligent Material Systems and Structures, 2017, 28, 3127-3138.	1.4	31
129	On the Use of Coupled Cavity Helmholtz Resonator Inclusion for Improving Absorption Performance of Wooden Sound Diffuser Element. Procedia Engineering, 2017, 170, 458-462.	1.2	5
130	The field-dependent complex modulus of magnetorheological elastomers consisting of sucrose acetate isobutyrate ester. Journal of Intelligent Material Systems and Structures, 2017, 28, 1993-2004.	1.4	34
131	Characterization and modeling of a new magnetorheological damper with meandering type valve using neuro-fuzzy. Journal of King Saud University - Science, 2017, 29, 468-477.	1.6	30
132	Controller development of a passive control ankle foot orthosis. , 2017, , .		5
133	Study of extreme learning machine activation functions for magnetorheological fluid modelling in medical devices application. , 2017, , .		12
134	Characterization of biocomposites of bovine hydroxyapatite/shellac/sugar as bone filler material. , 2017, , .		0
135	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
136	FUZZY LOGIC CONTROL FOR ANKLE FOOT ORTHOSES EQUIPPED WITH MAGNETORHEOLOGICAL BRAKE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	11
137	Physicochemical and Viscoelastic Properties of Magnetorheological Solids. , 2016, , 308-336.		1
138	Performance of bidisperse magnetorheological fluids utilizing superparamagnetic maghemite nanoparticles. AIP Conference Proceedings, 2016, , .	0.3	13
139	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
140	Properties of plate-like carbonyl iron particle for magnetorheological fluid. Journal of Physics: Conference Series, 2016, 776, 012033.	0.3	6
141	Sound absorption enhancement of nonwoven felt by using coupled membrane - sonic crystal inclusion. Journal of Physics: Conference Series, 2016, 776, 012035.	0.3	0
142	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
143	Sound absorption enhancement of nonwoven felt by using coupled membrane - sonic crystal inclusion. Journal of Physics: Conference Series, 2016, 776, 012073.	0.3	1
144	Magnetorheological valve based actuator for improvement of passively controlled turbocharger system. AIP Conference Proceedings, 2016, , .	0.3	7

#	ARTICLE	IF	CITATIONS
145	An overview of nanoparticles utilization in magnetorheological materials. AIP Conference Proceedings, 2016, , .	0.3	7
146	Perfect sound insulation property of reclaimed waste tire rubber. AIP Conference Proceedings, 2016, , .	0.3	6
147	Investigation on magnetic field dependent modulus of epoxidized natural rubber based magnetorheological elastomer. Journal of Physics: Conference Series, 2016, 776, 012024.	0.3	4
148	Steady compression characteristics of laminated MRE isolator. Journal of Physics: Conference Series, 2016, 776, 012036.	0.3	2
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	Effect of carbonyl iron particles composition on the physical characteristics of MR grease. AIP Conference Proceedings, 2016, , .	0.3	5
151	The electric conductivity of Cu-doped ZnO as effect of sintering temperature. AIP Conference Proceedings, 2016, , .	0.3	1
152	Magnetostatic simulation on a novel design of axially multi-coiled magnetorheological brakes. AIP Conference Proceedings, 2016, , .	0.3	2
153	A new class of magnetorheological elastomers based on waste tire rubber and the characterization of their properties. Smart Materials and Structures, 2016, 25, 115002.	1.8	22
154	Fabrication and investigation on field-dependent properties of natural rubber based magneto-rheological elastomer isolator. Smart Materials and Structures, 2016, 25, 107002.	1.8	22
155	The Field-Dependent Rheological Properties of Magnetorheological Grease Based on Carbonyl-Iron-Particles. Smart Materials and Structures, 2016, 25, 095043.	1.8	69
156	Rheological properties of isotropic magnetorheological elastomers featuring an epoxidized natural rubber. Smart Materials and Structures, 2016, 25, 107001.	1.8	34
157	Fabrication and viscoelastic characteristics of waste tire rubber based magnetorheological elastomer. Smart Materials and Structures, 2016, 25, 115026.	1.8	19
158	Effects of multiwall carbon nanotubes on viscoelastic properties of magnetorheological elastomers. Smart Materials and Structures, 2016, 25, 077001.	1.8	46
159	Development of a modular MR valve using meandering flow path structure. Smart Materials and Structures, 2016, 25, 037001.	1.8	39
160	Testing and parametric modeling of magnetorheological valve with meandering flow path. Nonlinear Dynamics, 2016, 85, 287-302.	2.7	26
161	Physicochemical Properties and Stress-Strain Compression Behaviors of a Waste based Magnetorheological Elastomers. Scientia Iranica, 2016, 23, 1144-1159.	0.3	6
162	Simulation and model verification of a vehicle handling dynamics. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
163	Recent Progress on Magnetorheological Solids: Materials, Fabrication, Testing, and Applications. <i>Advanced Engineering Materials</i> , 2015, 17, 563-597.	1.6	302
164	Response of A Magnetorheological Brake under Inertial Loads. <i>International Journal on Electrical Engineering and Informatics</i> , 2015, 7, 308-322.	0.3	21
165	A Feasibility Study of Magnetorheological Elastomer Base Isolator. <i>Applied Mechanics and Materials</i> , 2014, 660, 763-767.	0.2	10
166	Digital rights management with ABAC implementation to improve enterprise document protection. , 2014, , .		1
167	Simulation and experimental studies on braking response of inertial load using magnetorheological brake. , 2014, , .		1
168	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
169	A high performance magnetorheological valve with a meandering flow path. <i>Smart Materials and Structures</i> , 2014, 23, 065017.	1.8	54
170	Simulation and experimental studies on the behavior of a magnetorheological damper under impact loading. , 2011, , .		4
171	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
172	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
173	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
174	Underwater Acoustics Evaluation of Glass Fiber “ Polyurethane Sandwich Composite. <i>Applied Mechanics and Materials</i> , 0, 660, 516-520.	0.2	4
175	Potential Applications of Magnetorheological Elastomers. <i>Applied Mechanics and Materials</i> , 0, 663, 695-699.	0.2	24
176	Modeling of Magnetorheological Damper Using Back Propagation Neural Network. <i>Advanced Materials Research</i> , 0, 896, 396-400.	0.3	4
177	Experimental Study of Thermoelectric Generators. <i>Applied Mechanics and Materials</i> , 0, 663, 299-303.	0.2	4
178	Performance Simulation on a Magnetorheological Valve Module Using Three Different Commercial Magnetorheological Fluid. <i>Advanced Materials Research</i> , 0, 1123, 35-41.	0.3	1
179	Potential Implementation of Electronic Waste Based Magnetite Powder for Magnetorheological Elastomers. <i>Advanced Materials Research</i> , 0, 1123, 373-377.	0.3	0
180	The Changed of Behaviour of MR Fluid in MR Damper after a Long-Term Operation. <i>Key Engineering Materials</i> , 0, 775, 171-176.	0.4	1

#	ARTICLE	IF	CITATIONS
181	Magnetorheological Elastomer Silicone-Based Containing Corroded Carbonyl Iron Particles. Key Engineering Materials, 0, 772, 51-55.	0.4	1
182	Simulation and Validation of an Anisotropic Magnetorheological Elastomers Mold with Various Alignment Angles. Key Engineering Materials, 0, 772, 66-70.	0.4	0
183	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
184	Finite Element Magnetic Method for Magnetorheological Based Actuators. , 0, , .		3
185	DEVELOPMENT OF VIBRATION ISOLATOR USING MAGNETORHEOLOGICAL ELASTOMER MATERIAL BASED. Journal of Applied Engineering Science, 0, , 1-6.	0.4	0