

Paris Von Lockette

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

172
citations

1684188
5
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1588992
8
g-index

17
all docs

17
docs citations

17
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle organization versus volume fraction in magneto-active elastomer composites. Journal of Magnetism and Magnetic Materials, 2021, 539, 168415.	2.3	1
2	Multi-objective optimization of a multi-field actuated, multilayered, segmented flexible composite beam. Smart Materials and Structures, 2020, 29, 024001.	3.5	3
3	Cold sintering to form bulk maghemite for characterization beyond magnetic properties. International Journal of Ceramic Engineering & Science, 2019, 1, 119-124.	1.2	11
4	Particle orientation and bulk properties of magnetoactive elastomers fabricated with aligned barium hexaferrite. Journal of Materials Research, 2019, 34, 972-981.	2.6	4
5	A microstructure-based approach to modeling electrostriction that accounts for variability in spatial locations of domains. Journal of the Mechanics and Physics of Solids, 2019, 124, 35-62.	4.8	7
6	Multi-Field Processing of Micro-Platelets for Magneto-Active Applications. , 2018, , .		1
7	Parameter Study of a Multi-Field Actuated, Multilayered, Segmented Flexible Composite Beam. , 2018, , .		1
8	A Model for Multi-Input Mechanical Advantage in Origami-Based Mechanisms. Journal of Mechanisms and Robotics, 2018, 10, .	2.2	19
9	On the electric and magnetic alignment of magnetoactive barium hexaferrite-PDMS composites. , 2017, , .		1
10	Anisotropic Magnetic Fibers Produced via a Magnetic Drawing Process. MRS Advances, 2017, 2, 921-926.	0.9	0
11	Finite Element Analysis of Electroactive and Magnetoactive Coupled Behaviors in Multi-Field Origami Structures. , 2017, , .		2
12	On the Dielectrophoretic and Magnetic Alignment of Magnetoactive Barium Hexaferrite-PDMS Nanocomposites. , 2017, , .		1
13	Evolution of the magnetization response of magneto-active elastomers made with hard-magnetic M-type barium hexaferrite particles. MRS Advances, 2016, 1, 39-43.	0.9	14
14	Bistable compliant mechanism using magneto active elastomer actuation. Journal of Intelligent Material Systems and Structures, 2016, 27, 2049-2061.	2.5	62
15	Fabrication and Performance of Magneto-Active Elastomer Composite Structures. , 2014, , .		2
16	Folding Actuation and Locomotion of Novel Magneto-Active Elastomer (MAE) Composites. , 2013, , .		12
17	Multi-Field Responsive Origami Structures: Preliminary Modeling and Experiments. , 2013, , .		31