

# Mengjie Shou

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

165  
citations

1478505

6  
h-index

1372567

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11  
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11  
docs citations

11  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Fe@Ag core-shell nanowires with improved impedance matching and microwave absorption properties. <i>Chemical Engineering Journal</i> , 2022, 430, 132878.	12.7	98
2	ANFIS with input space division for modeling magnetorheological energy absorber. <i>International Journal of Mechanical Sciences</i> , 2022, 221, 107183.	6.7	4
3	Study on sliding friction characteristics of magnetorheological elastomer-copper pair affected by magnetic-controlled surface roughness and elastic modulus. <i>Smart Materials and Structures</i> , 2022, 31, 015030.	3.5	3
4	The friction parameter regulation of magnetorheological elastomers by the initial arrangement and evolution of microscopic ferromagnetic particles. <i>Smart Materials and Structures</i> , 2021, 30, 025022.	3.5	2
5	Tribo-material based on a magnetic polymeric composite for enhancing the performance of triboelectric nanogenerator. <i>Nano Energy</i> , 2020, 78, 105402.	16.0	10
6	A comparative analysis of magnetorheological energy absorber models under impact conditions. <i>Smart Materials and Structures</i> , 2019, 28, 067001.	3.5	10
7	A design methodology based on full dynamic model for magnetorheological energy absorber equipped with disc springs. <i>Smart Materials and Structures</i> , 2019, 28, 065020.	3.5	8
8	Dynamic Behavior of Magnetorheological Energy Absorber under Impact Loading. <i>Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering</i> , 2019, 55, 72.	0.5	2
9	Modeling and testing of magnetorheological energy absorbers considering inertia effect with non-averaged acceleration under impact conditions. <i>Smart Materials and Structures</i> , 2018, 27, 115028.	3.5	18
10	Study of radial flow mode magnetorheological energy absorber with center drain hole. <i>Smart Materials and Structures</i> , 2018, 27, 105008.	3.5	9
11	Non-dimensional analysis of an unsteady flow in a magnetorheological damper. <i>Physics of Fluids</i> , 0, , .	4.0	1