

# Guojiang Liao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An Active-damping-compensated Magnetorheological Elastomer Adaptive Tuned Vibration Absorber. Journal of Intelligent Material Systems and Structures, 2010, 21, 1039-1047.	1.4	76
2	Full-field deformation of magnetorheological elastomer under uniform magnetic field. Applied Physics Letters, 2012, 100, .	1.5	62
3	Magnetic-Field-Induced Normal Force of Magnetorheological Elastomer under Compression Status. Industrial & Engineering Chemistry Research, 2012, 51, 3322-3328.	1.8	61
4	Magnetic Field-Induced Compressive Property of Magnetorheological Elastomer under High Strain Rate. Industrial & Engineering Chemistry Research, 2013, 52, 8445-8453.	1.8	37
5	Stretchable polyurethane sponge reinforced magnetorheological material with enhanced mechanical properties. Smart Materials and Structures, 2015, 24, 037001.	1.8	28
6	Phase based stiffness tuning algorithm for a magnetorheological elastomer dynamic vibration absorber. Smart Materials and Structures, 2014, 23, 015016.	1.8	24
7	Influence of shear deformation on the normal force of magnetorheological elastomer. Materials Letters, 2013, 106, 270-272.	1.3	21
8	Influence of $\gamma$ radiation on the shear modulus of magnetorheological elastomer. Materials Letters, 2016, 174, 79-81.	1.3	12
9	Investigation on the phase-based fuzzy logic controller for magnetorheological elastomer vibration absorber. Journal of Intelligent Material Systems and Structures, 2017, 28, 728-739.	1.4	9
10	Rate-dependent viscoelasticity of an impact-hardening polymer under oscillatory shear. Materials Research Express, 2020, 7, 075701.	0.8	2