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## Design and Control of a Real-Time Variable Modulus Vibration Isolator

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#	Paper	IF	Citations
61	Impact mitigation of robotic system using variable stiffness joints. <b>2012</b> ,		
60	Magnetic-Field-Induced Normal Force of Magnetorheological Elastomer under Compression Status. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 3322-3328	3.9	54
59	Note: real time control of a tunable vibration absorber based on magnetorheological elastomer for suppressing tonal vibrations. <i>Review of Scientific Instruments</i> , <b>2012</b> , 83, 046108	1.7	22
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57	Modelling energy flow through magneto-sensitive vibration isolators. <i>International Journal of Engineering Science</i> , <b>2013</b> , 65, 22-39	5.7	13
56	Magnetorheological elastomer and its application on impact buffer. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 412, 012032	0.3	12
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53	A state-of-the-art review on magnetorheological elastomer devices. <i>Smart Materials and Structures</i> , <b>2014</b> , 23, 123001	3.4	314
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46	Dynamic Tuning of Torsional Transmissibility Using Magnetorheological Elastomer: Modelling and Experimental Verification. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , <b>2016</b> , 40, 181-187	1.2	7
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3	Robustness analysis of magnetorheological elastomer-based vibration isolation system with optimal fuzzy controller. <b>2023</b> , 32, 035018		○
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