

Justin J Scheidler

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

105
citations

1478505
6
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically tuned magnetostrictive spring with electrically controlled stiffness. Smart Materials and Structures, 2016, 25, 035007.	3.5	24
2	Validated linear dynamic model of electrically-shunted magnetostrictive transducers with application to structural vibration control. Smart Materials and Structures, 2017, 26, 035057.	3.5	17
3	Mechanically induced magnetic diffusion in cylindrical magnetoelastic materials. Journal of Magnetism and Magnetic Materials, 2016, 397, 233-239.	2.3	15
4	Quasi-static major and minor strain-stress loops in textured polycrystalline Fe _{81.6} Ga _{18.4} Galfenol. Journal of Applied Physics, 2016, 120, .	2.5	14
5	Nonlinear dynamic modeling and resonance tuning of Galfenol vibration absorbers. Smart Materials and Structures, 2013, 22, 085015.	3.5	13
6	Frequency-dependent, dynamic sensing properties of polycrystalline Galfenol (Fe _{81.6} Ga _{18.4}). Journal of Applied Physics, 2016, 119, 244902.	2.5	13
7	Experimental comparison of piezoelectric and magnetostrictive shunt dampers. Proceedings of SPIE, 2016, , .	0.8	6
8	Shunted magnetostrictive devices in vibration control. Smart Materials and Structures, 2020, 29, 105007.	3.5	3