

# Justin J Scheidler

## List of Publications by Year in descending order

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8  
papers

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citations

1478505

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1588992

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g-index

8  
all docs

8  
docs citations

8  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shunted magnetostrictive devices in vibration control. Smart Materials and Structures, 2020, 29, 105007.	3.5	3
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	Dynamically tuned magnetostrictive spring with electrically controlled stiffness. Smart Materials and Structures, 2016, 25, 035007.	3.5	24
4	Frequency-dependent, dynamic sensing properties of polycrystalline Galfenol (Fe81.6Ga18.4). Journal of Applied Physics, 2016, 119, 244902.	2.5	13
5	Quasi-static major and minor strain-stress loops in textured polycrystalline Fe81.6Ga18.4 Galfenol. Journal of Applied Physics, 2016, 120, .	2.5	14
6	Experimental comparison of piezoelectric and magnetostrictive shunt dampers. Proceedings of SPIE, 2016, , .	0.8	6
7	Mechanically induced magnetic diffusion in cylindrical magnetoelastic materials. Journal of Magnetism and Magnetic Materials, 2016, 397, 233-239.	2.3	15
8	Nonlinear dynamic modeling and resonance tuning of Galfenol vibration absorbers. Smart Materials and Structures, 2013, 22, 085015.	3.5	13