

Michele Zilletti

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

314
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimisation of dynamic vibration absorbers to minimise kinetic energy and maximise internal power dissipation. <i>Journal of Sound and Vibration</i> , 2012, 331, 4093-4100.	3.9	101
2	Scaling of electromagnetic transducers for shunt damping and energy harvesting. <i>Journal of Sound and Vibration</i> , 2014, 333, 2185-2195.	3.9	49
3	Feedback control unit with an inerter proof-mass electrodynamic actuator. <i>Journal of Sound and Vibration</i> , 2016, 369, 16-28.	3.9	40
4	Self-tuning control systems of decentralised velocity feedback. <i>Journal of Sound and Vibration</i> , 2010, 329, 2738-2750.	3.9	36
5	Optimisation of a velocity feedback controller to minimise kinetic energy and maximise power dissipation. <i>Journal of Sound and Vibration</i> , 2014, 333, 4405-4414.	3.9	23
6	Experimental implementation of a self-tuning control system for decentralised velocity feedback. <i>Journal of Sound and Vibration</i> , 2012, 331, 1-14.	3.9	22
7	Integrated tuned vibration absorbers: A theoretical study. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3631-3644.	1.1	19
8	Experimental implementation of switching and sweeping tuneable vibration absorbers for broadband vibration control. <i>Journal of Sound and Vibration</i> , 2015, 334, 164-177.	3.9	12
9	Switching and sweeping vibration absorbers: Theory and experimental validation. <i>Automatica</i> , 2018, 93, 290-301.	5.0	6
10	Experimental Evaluation of a Two Degree of Freedom Capacitive MEMS Sensor For Velocity Measurements. <i>Procedia Engineering</i> , 2011, 25, 619-622.	1.2	2
11	Adaptive control of tonal disturbance in mechanical systems with nonlinear damping. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 1166-1182.	2.6	2
12	Identifying the nonlinear mechanical behaviour of micro-speakers from their quasi-linear electrical response. <i>Mechanical Systems and Signal Processing</i> , 2017, 88, 212-223.	8.0	2