

Toru Ikegame

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

23
citations

2682572

2
h-index

2272923

4
g-index

13
all docs

13
docs citations

13
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact Solutions to H^{∞} and H_2 Optimizations of Passive Resonant Shunt Circuit for Electromagnetic or Piezoelectric Shunt Damper. Journal of Vibration and Acoustics, Transactions of the ASME, 2019, 141, .	1.6	14
2	Equivalent circuit and frequency response of the distributed eddy current in an electromagnetic transducer. , 2018, , .		0
3	Stable voltage-controlled charge source circuit against capacitive loads and its application to synthetic admittance for piezoelectric shunt damping. Transactions of the JSME (in Japanese), 2018, 84, 18-00046-18-00046.	0.2	0
4	Charging efficiency of a passively switched flyback converter for dielectric elastomer generator. , 2018, , .		1
5	Energy harvesting by dielectric elastomer generator and self-priming circuit: verification by radio transmission. Proceedings of SPIE, 2017, , .	0.8	2
6	Sensorless parameter estimation of electromagnetic transducer considering eddy currents. Mechatronics, 2017, 45, 130-142.	3.3	5
7	A study on robust electromagnetic shunt damping by parallel R-C or parallel L-R shunt circuit based on H^{∞} -synthesis. , 2017, , .		0
8	Development of an energy harvesting circuit with photo MOSFET and Arduino for linear electromagnetic transducers. , 2017, , .		0
9	On the robustness of negative-C R shunt circuit for piezoelectric shunt damping system with parasitic resistance. The Proceedings of the Dynamics & Design Conference, 2017, 2017, 512.	0.0	0
10	A study on modeling of impedance of an electromagnetic transducer. The Proceedings of the Dynamics & Design Conference, 2016, 2016, 542.	0.0	0
11	A study on modeling of impedance of an electromagnetic transducer:. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, J0440201.	0.0	0
12	Sensor-less parameter estimation of electromagnetic actuator for shunt damping. Transactions of the JSME (in Japanese), 2015, 81, 15-00006-15-00006.	0.2	0
13	Sensor-less parameter estimation of electromagnetic transducer and experimental verification. Proceedings of SPIE, 2015, , .	0.8	1