

Alexandre Robichaud

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

54
citations

1937685

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2053705

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6
docs citations

6
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency Tuning Technique of Piezoelectric Ultrasonic Transducers for Ranging Applications. Journal of Microelectromechanical Systems, 2018, 27, 570-579.	2.5	31
2	A Novel Topology for Process Variation-Tolerant Piezoelectric Micromachined Ultrasonic Transducers. Journal of Microelectromechanical Systems, 2018, 27, 1204-1212.	2.5	12
3	Electromechanical Tuning of Piecewise Stiffness and Damping for Long-Range and High-Precision Piezoelectric Ultrasonic Transducers. Journal of Microelectromechanical Systems, 2020, 29, 1189-1198.	2.5	4
4	A System in Package Based on a Piezoelectric Micromachined Ultrasonic Transducer Matrix for Ranging Applications. Sensors, 2021, 21, 2590.	3.8	4
5	Study and Design of MEMS Cross-Shaped Piezoelectric Vibration Energy Harvesters. , 2018, , .		2
6	A Nonlinear Pulse Shaping Method Using Resonant Piezoelectric MEMS Devices. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1515-1527.	3.0	1