

Bernard Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

151
citations

1937685

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12
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12
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12
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	AlN PMUT-based Ultrasonic Power Transfer Links for Implantable Electronics. , 2019, , .		28
2	Lithium Niobate Piezoelectric Micromachined Ultrasonic Transducers for high data-rate intrabody communication. Nature Communications, 2022, 13, 1782.	12.8	26
3	The SEANet Project: Toward a Programmable Internet of Underwater Things. , 2018, , .		24
4	Novel pMUT-Based Acoustic Duplexer for Underwater and Intrabody Communication. , 2018, , .		21
5	Miniaturized PMUT-Based Receiver for Underwater Acoustic Networking. Journal of Microelectromechanical Systems, 2020, 29, 832-838.	2.5	14
6	Zero-Power Acoustic Wake-Up Receiver Based on DMUT Transmitter, PMUTS Arrays Receivers and MEMS Switches for Intrabody Links. , 2019, , .		13
7	Zero-Power Ultrasonic Wakeup Receiver Based on MEMS Switches for Implantable Medical Devices. IEEE Transactions on Electron Devices, 2022, 69, 1327-1332.	3.0	9
8	Modeling and Optimization of Directly Modulated Piezoelectric Micromachined Ultrasonic Transducers. Sensors, 2021, 21, 157.	3.8	7
9	PMUT-Enabled Underwater Acoustic Source Localization System. , 2019, , .		4
10	Enabling Real-Time Monitoring of Intrabody Networks Through the Acoustic Discovery Architecture. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2336-2344.	3.0	4
11	Novel Phased-Array Platform based on Directly Modulated Ultrasonic Transducers. , 2019, , .		1
12	In-Display Proximity and Gesture Sensor with Piezoelectric Polymer Technology. , 2021, , .		0