

Miao Meng

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

298
citations

1478505

6
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Optimization of Ultrasonic Wireless Power Transmission Links for Millimeter-Sized Biomedical Implants. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 98-107.	4.0	92
2	Large Power Amplification in Magneto-Mechano-Electric Harvesters through Distributed Forcing. Advanced Energy Materials, 2020, 10, 1903689.	19.5	50
3	A Comprehensive Comparative Study on Inductive and Ultrasonic Wireless Power Transmission to Biomedical Implants. IEEE Sensors Journal, 2018, 18, 3813-3826.	4.7	48
4	A Hybrid Inductive-Ultrasonic Link for Wireless Power Transmission to Millimeter-Sized Biomedical Implants. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1137-1141.	3.0	30
5	Gastric Seed: Toward Distributed Ultrasonically Interrogated Millimeter-Sized Implants for Large-Scale Gastric Electrical-Wave Recording. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 783-787.	3.0	21
6	27.4 Multi-Beam Shared-Inductor Reconfigurable Voltage/SECE-Mode Piezoelectric Energy Harvesting of Multi-Axial Human Motion. , 2019, , .		18
7	A Multi-Beam Shared-Inductor Reconfigurable Voltage/SECE Mode Piezoelectric Energy Harvesting Interface Circuit. IEEE Transactions on Biomedical Circuits and Systems, 2019, 13, 1277-1287.	4.0	13
8	Design considerations for ultrasonic power transmission to millimeter-sized implantable microelectronics devices. , 2015, , .		9
9	12.2 Improving the Range of WiFi Backscatter Via a Passive Retro-Reflective Single-Side-Band-Modulating MIMO Array and Non-Absorbing Termination. , 2021, , .		8
10	An Ultrasonically Powered Wireless System for In Vivo Gastric Slow-Wave Recording. , 2019, 2019, 7064-7067.		4
11	Inductive and ultrasonic wireless power transmission to biomedical implants. , 2017, , .		3
12	Optimal resonance configuration for ultrasonic wireless power transmission to millimeter-sized biomedical implants. , 2016, 2016, 1934-1937.		2
13	A GMSK/PAM4 Multichannel Magnetic Human Body Communication Transceiver. IEEE Solid-State Circuits Letters, 2022, 5, 66-69.	2.0	0