

Xiaoyu Wang

List of Publications by Year in descending order

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13
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citing authors

#	ARTICLE	IF	CITATIONS
1	Position-Insensitive Wireless Power Transfer Based on Nonlinear Resonant Circuits. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3844-3855.	4.6	43
2	Medium Wave Energy Scavenging for Wireless Structural Health Monitoring Sensors. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1067-1073.	4.6	34
3	Rectifier Array With Adaptive Power Distribution for Wide Dynamic Range RF-DC Conversion. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 392-401.	4.6	31
4	Bandwidth Enhancement of RF Resonators Using Duffing Nonlinear Resonance for Wireless Power Applications. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3695-3702.	4.6	19
5	High sensitivity RF energy harvesting from AM broadcasting stations for civilian infrastructure degradation monitoring. , 2013, , .		9
6	Duffing resonator circuits for performance enhancement of wireless power harvesters. , 2015, , .		9
7	A novel coupling factor independent highly efficient resonant based wireless power transfer. , 2017, , .		8
8	Nonlinear Resonant Circuits for Coupling-Insensitive Wireless Power Transfer Circuits. , 2018, , .		7
9	A 26 dB wide dynamic range rectifier array employing three rectifying devices. , 2017, , .		6
10	A self-sensing AM frequency electromagnetic energy scavenger. , 2013, , .		5
11	Design of a wide dynamic range rectifier array with an adaptive power distribution technique. , 2016, , .		5
12	Exploiting Nonlinearity to Design Robust Wireless Power Transfer and Wideband RF Energy Harvesting. , 2018, , .		3
13	Analysis and design of a medium wave high sensitivity electromagnetic energy harvester. , 2014, , .		0