

Deshuang Zhao

List of Publications by Year in descending order

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17
papers

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1684188

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189
citing authors

#	ARTICLE	IF	CITATIONS
1	Wall-Meshed Cavity Resonator-Based Wireless Power Transfer Without Blocking Wireless Communications With Outside World. IEEE Transactions on Industrial Electronics, 2022, 69, 7481-7490.	7.9	2
2	Selectively Powering Multiple Small-Size Devices Spaced at Diffraction Limited Distance With Point-Focused Electromagnetic Waves. IEEE Transactions on Industrial Electronics, 2022, 69, 13696-13705.	7.9	6
3	Wideband circularly polarised cavity backed monopole antenna for global navigation satellite systems. IET Microwaves, Antennas and Propagation, 2017, 11, 503-512.	1.4	5
4	Focus movement control for time reversal focusing microwaves. , 2016, , .		1
5	Focused field estimation of time reversal waves from wireless sensors in scattered environments. , 2016, , .		1
6	Multipath effects on time reversal OFDM communications between wireless sensors. , 2016, , .		2
7	Generating Microwave Spatial Fields With Arbitrary Patterns. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1739-1742.	4.0	44
8	Design of WLAN/LTE/UWB Antenna with Improved Pattern Uniformity Using Ground-Cooperative Radiating Structure. IEEE Transactions on Antennas and Propagation, 2016, 64, 271-276.	5.1	24
9	Experimental study of silicon-based microwave switches optically driven by LEDs. Microwave and Optical Technology Letters, 2015, 57, 2768-2774.	1.4	4
10	Novel compact monopole antennas for global navigation satellite systems. , 2015, , .		2
11	Near-Field Image Restoration for Rotman Lens by Localized Angle-Time Spread Function-Based Filtering Method. IEEE Transactions on Antennas and Propagation, 2015, 63, 2353-2358.	5.1	10
12	Low-Power Optically Controlled Patch Antenna of Reconfigurable Beams. International Journal of Antennas and Propagation, 2014, 2014, 1-6.	1.2	2
13	Optically controlled microstrip patch antenna with reconfigurable null beams. , 2014, , .		0
14	Time Reversal Based Timing Acquisition for Ultra-Wideband Wireless Communications: Numerical and Experimental Study. Wireless Personal Communications, 2014, 77, 3013-3026.	2.7	3
15	Basis function selection for compressed sensing and sparse representations of pulsed radar echoes. Journal of Electromagnetic Waves and Applications, 2013, 27, 2330-2340.	1.6	3
16	Wideband Impedance Model for Coaxial Through-Silicon Vias in 3-D Integration. IEEE Transactions on Electron Devices, 2013, 60, 2498-2504.	3.0	45
17	Performance Improvement of Optically Controlled Microwave Switch by Introducing Complementary Split-Ring Resonator. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 930-932.	4.0	5