

Yu-Long Zhou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

325
citations

9
h-index

16
g-index

16
ext. papers

420
ext. citations

3.1
avg, IF

3.23
L-index

#	Paper	IF	Citations
12	Wideband Gain Enhancement and RCS Reduction of Fabry-Berot Resonator Antenna With Chessboard Arranged Metamaterial Superstrate. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 590-599	4.9	86
11	Ultra-wideband and Polarization-Insensitive Perfect Absorber Using Multilayer Metamaterials, Lumped Resistors, and Strong Coupling Effects. <i>Nanoscale Research Letters</i> , 2018 , 13, 386	5	64
10	Broadband diffusion metasurface based on a single anisotropic element and optimized by the Simulated Annealing algorithm. <i>Scientific Reports</i> , 2016 , 6, 23896	4.9	59
9	Ultra-wideband polarization conversion metasurface and its application cases for antenna radiation enhancement and scattering suppression. <i>Scientific Reports</i> , 2017 , 7, 16137	4.9	24
8	Metamaterial-based patch antenna with wideband RCS reduction and gain enhancement using improved loading method. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 1183-1189	1.6	22
7	Reconfigurable metasurface for multiple functions: magnitude, polarization and phase modulation. <i>Optics Express</i> , 2018 , 26, 29451-29459	3.3	21
6	In-Band RCS Reduction and Gain Enhancement of a Dual-Band PRMS-Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2716-2720	3.8	12
5	Integrated radiation and scattering performance of a multifunctional artificial electromagnetic surface. <i>Optics Express</i> , 2017 , 25, 30001-30012	3.3	10
4	Shared aperture metasurface with ultra-wideband and wide-angle low-scattering performance. <i>Optical Materials Express</i> , 2017 , 7, 2706	2.6	9
3	RCS reduction for grazing incidence based on coding metasurface. <i>Electronics Letters</i> , 2017 , 53, 1381-1383	3.1	8
2	Broadband aperture-coupling patch antenna with improved radiation and scattering performance based on metamaterial absorber. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 875-880	1.6	7
1	A multifunctional metasurface with integrated absorption and polarization rotation. <i>Materials Research Express</i> , 2019 , 6, 015802	1.7	2