

Yu-Long Zhou

List of Publications by Year in descending order

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575
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband Gain Enhancement and RCS Reduction of Fabry-Pérot Resonator Antenna With Chessboard Arranged Metamaterial Superstrate. IEEE Transactions on Antennas and Propagation, 2018, 66, 590-599.	3.1	137
2	Ultra-wideband and Polarization-Insensitive Perfect Absorber Using Multilayer Metamaterials, Lumped Resistors, and Strong Coupling Effects. Nanoscale Research Letters, 2018, 13, 386.	3.1	98
3	Broadband diffusion metasurface based on a single anisotropic element and optimized by the Simulated Annealing algorithm. Scientific Reports, 2016, 6, 23896.	1.6	79
4	Ultra-wideband polarization conversion metasurface and its application cases for antenna radiation enhancement and scattering suppression. Scientific Reports, 2017, 7, 16137.	1.6	37
5	Metamaterial-based patch antenna with wideband RCS reduction and gain enhancement using improved loading method. IET Microwaves, Antennas and Propagation, 2017, 11, 1183-1189.	0.7	33
6	Reconfigurable metasurface for multiple functions: magnitude, polarization and phase modulation. Optics Express, 2018, 26, 29451.	1.7	31
7	In-Band RCS Reduction and Gain Enhancement of a Dual-Band PRMS-Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2716-2720.	2.4	22
8	RCS reduction for grazing incidence based on coding metasurface. Electronics Letters, 2017, 53, 1381-1383.	0.5	17
9	Shared aperture metasurface with ultra-wideband and wide-angle low-scattering performance. Optical Materials Express, 2017, 7, 2706.	1.6	16
10	Integrated radiation and scattering performance of a multifunctional artificial electromagnetic surface. Optics Express, 2017, 25, 30001.	1.7	12
11	Broadband aperture-coupling patch antenna with improved radiation and scattering performance based on metamaterial absorber. IET Microwaves, Antennas and Propagation, 2019, 13, 875-880.	0.7	7
12	Design of compact phased array antennas with shaped pattern. , 2014, , .		3
13	A multifunctional metasurface with integrated absorption and polarization rotation. Materials Research Express, 2019, 6, 015802.	0.8	3
14	Design of miniaturized ultra-wideband Quasi-Yagi antenna. , 2016, , .		1
15	Circular metasurface based on SSPP and application on beam width enhancement of slot antenna. , 2016, , .		0
16	Novel Patch Antenna Array with Integrated Radiation and Scattering Performance. , 2018, , .		0