Xu Yan

List of Publications by Year in descending order

15 papers	1,388 citations	1684188 5 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	2576 citing authors

#	Article	IF	Citations
1	CGC-NET: Aircraft Detection in Remote Sensing Images Based on Lightweight Convolutional Neural Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2805-2815.	4.9	0
2	Wavefront Detection and Compensation Technology Based on Signal Light Nutation Under Atmospheric Turbulence. IEEE Communications Letters, 2021, 25, 3340-3344.	4.1	4
3	Wavefront Coherent Compensation Technology under Direct Sunlight in Free Space Optical Communication System. IEEE Photonics Journal, 2021, , 1-1.	2.0	1
4	Application of DBN and GWO-SVM in analog circuit fault diagnosis. Scientific Reports, 2021, 11, 7969.	3.3	16
5	Filterless Radio-Over-Fiber System to Generate 40 and 80 GHz Millimeter-Wave. IEEE Photonics Journal, 2020, 12, 1-13.	2.0	3
6	Research on Airplane and Ship Detection of Aerial Remote Sensing Images Based on Convolutional Neural Network. Sensors, 2020, 20, 4696.	3.8	33
7	An Aircraft Object Detection Algorithm Based on Small Samples in Optical Remote Sensing Image. Applied Sciences (Switzerland), 2020, 10, 5778.	2.5	3
8	An MDPSK homodyne receiver with adaptive phase-diversity. Journal of Modern Optics, 2020, 67, 234-241.	1.3	0
9	Compensation for the Decoherence Effect in Heterodyne Detection of Rough Targets and a Target Vibration Characteristic Measurement System. Scientific Reports, 2020, 10, 6077.	3.3	1
10	An Improved Faster R-CNN for Small Object Detection. IEEE Access, 2019, 7, 106838-106846.	4.2	123
11	Structure Design and Simulation Study of Dual Two-quadrant Coherent Tracking System in Free Space Optical Communication. , 2018, , .		1
12	Study of Propagation of Airy Array Vortex Beams in Turbulent Atmosphere. , 2018, , .		1
13	Effects of Asymmetry Atmospheric Eddies on Spreading and Wander of Bessel–Gaussian Beams in Anisotropic Turbulence. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	1,185
14	Attenuation characteristics of electromagnetic waves in a weak collisional and fully ionized dusty plasma. Physics of Plasmas, 2017, 24, .	1.9	15
15	Buffer design for P-QoS in multimedia synchronization systems. , 0, , .		1