

Jun Luo

List of Publications by Year in descending order

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36
papers

1,177
citations

567281

15
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmissionâ€Reflectionâ€Integrated Quadratic Phase Metasurface for Multifunctional Electromagnetic Manipulation in Full Space. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	20
2	Visible light-activated self-powered photoelectrochemical aptasensor for ultrasensitive chloramphenicol detection based on DFT-proved Z-scheme Ag ₂ CrO ₄ /g-C ₃ N ₄ /graphene oxide. <i>Journal of Hazardous Materials</i> , 2021, 401, 123395.	12.4	59
3	Joint connection of experiment and simulation for photocatalytic hydrogen evolution: strength, weakness, validation and complementarity. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6749-6774.	10.3	8
4	Recent Advances towards Ocean Energy Harvesting and Selfâ€Powered Applications Based on Triboelectric Nanogenerators. <i>Advanced Electronic Materials</i> , 2021, 7, 2100277.	5.1	58
5	Reverse guidance butterfly optimization algorithm integrated with information cross-sharing. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 3463-3484.	1.4	5
6	Self-assembled metamaterial perfect absorbers at visible wavelengths using coreâ€shell Au@SiO ₂ meta-atoms. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12876-12885.	5.5	14
7	A method for axis straightness error evaluation based on improved differential evolution algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 110, 413-425.	3.0	8
8	Multistate Switching of Photonic Angular Momentum Coupling in Phaseâ€Change Metadevices. <i>Advanced Materials</i> , 2020, 32, e1908194.	21.0	88
9	Switchable Quarter-Wave Plate and Half-Wave Plate Based on Phase-Change Metasurface. <i>IEEE Photonics Journal</i> , 2020, 12, 1-10.	2.0	11
10	Automatic Defect Detection for Small Metal Cylindrical Shell Using Transfer Learning and Logistic Regression. <i>Journal of Nondestructive Evaluation</i> , 2020, 39, 1.	2.4	5
11	Effect of Zhenxin Xingshui Yizhi Fang on \hat{A}^{25-35} induced expression of related transporters in HBMEC cell model. <i>Journal of Ethnopharmacology</i> , 2020, 260, 112783.	4.1	7
12	Research on image restoration algorithm for atmospheric turbulence degradation based on serial images. , 2020, , .		1
13	A New Mechanical Resonance Suppression Method for Large Optical Telescope by Using Nonlinear Active Disturbance Rejection Control. <i>IEEE Access</i> , 2019, 7, 94400-94414.	4.2	12
14	High Precision Position Control of Telescope Servo Systems Based on Active Disturbance Rejection Controller. , 2019, , .		1
15	Sedative and hypnotic effects of compound Anshen essential oil inhalation for insomnia. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 306.	3.7	43
16	Colorful Metahologram with Independently Controlled Images in Transmission and Reflection Spaces. <i>Advanced Functional Materials</i> , 2019, 29, 1809145.	14.9	65
17	Catenary Optics: Catenary Electromagnetics for Ultraâ€Broadband Lightweight Absorbers and Largeâ€Scale Flat Antennas (<i>Adv. Sci.</i> 7/2019). <i>Advanced Science</i> , 2019, 6, 1970038.	11.2	2
18	Broadband Functional Metasurfaces: Achieving Nonlinear Phase Generation toward Achromatic Surface Cloaking and Lensing. <i>Advanced Optical Materials</i> , 2019, 7, 1801480.	7.3	43

#	ARTICLE	IF	CITATIONS
19	Reflector automatic acquisition and pointing based on auto-collimation theodolite. Review of Scientific Instruments, 2018, 89, 015101.	1.3	7
20	Ultrathin Planar Microlens Arrays Based on Geometric Metasurface. Annalen Der Physik, 2018, 530, 1700326.	2.4	6
21	An Ultrabroadband THz Absorber Based on Structured Doped Silicon With Antireflection Techniques. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	13
22	Polarization Filtering and Phase Controlling Metasurfaces Based on a Metal-Insulator-Metal Grating. Plasmonics, 2017, 12, 1797-1803.	3.4	6
23	Mutual Information-Based Tracking for Multiple Cameras and Multiple Planes. Arabian Journal for Science and Engineering, 2017, 42, 3451-3463.	3.0	1
24	Effect of salt stress on photosynthesis and related physiological characteristics of <i>Lycium ruthenicum</i> Murr. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2017, 67, 680-692.	0.6	7
25	All-Dielectric Metasurfaces for Simultaneous Giant Circular Asymmetric Transmission and Wavefront Shaping Based on Asymmetric Photonic Spin-Orbit Interactions. Advanced Functional Materials, 2017, 27, 1704295.	14.9	273
26	Metasurfaces: All-Dielectric Metasurfaces for Simultaneous Giant Circular Asymmetric Transmission and Wavefront Shaping Based on Asymmetric Photonic Spin-Orbit Interactions (Adv. Funct. Mater.)	14.9	273
27	Multi-Channel Vortex Beam Generation by Simultaneous Amplitude and Phase Modulation with Two-Dimensional Metamaterial. Advanced Materials Technologies, 2017, 2, 1600201.	5.8	85
28	Tailoring Infrared Refractory Plasmonic Material to Broadband Circularly Polarized Thermal Emitter. Plasmonics, 2017, 12, 649-654.	3.4	4
29	Wavelength-selective orbital angular momentum generation based on a plasmonic metasurface. Nanoscale, 2016, 8, 12267-12271.	5.6	20
30	Generation and detection of orbital angular momentum via metasurface. Scientific Reports, 2016, 6, 24286.	3.3	86
31	Large-area, broadband and high-efficiency near-infrared linear polarization manipulating metasurface fabricated by orthogonal interference lithography. Applied Physics Letters, 2015, 107, .	3.3	45
32	A fast motion estimation algorithm based on adaptive pattern and search priority. Multimedia Tools and Applications, 2015, 74, 11821-11836.	3.9	19
33	Novel hollow Fe_2O_3 nanofibers via electrospinning for dye adsorption. Nanoscale Research Letters, 2015, 10, 176.	5.7	50
34	Fabrication of anisotropically arrayed nano-slots metasurfaces using reflective plasmonic lithography. Nanoscale, 2015, 7, 18805-18812.	5.6	74
35	A method for axis straightness error evaluation based on improved artificial bee colony algorithm. International Journal of Advanced Manufacturing Technology, 2014, 71, 1501-1509.	3.0	16
36	Linear and star branched perylene-containing polyimides: Synthesis, characterization, and photovoltaic properties of novel donor-acceptor dyes used in solar cell. Journal of Applied Polymer Science, 2012, 125, 200-211.	2.6	11