Liu Yang

List of Publications by Year
in descending order

19	735	1040056 9	794594 19
papers	citations	h-index	g-index

19	19	19	1096
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasmonic and metamaterial structures as electromagnetic absorbers. Laser and Photonics Reviews, 2014, 8, 495-520.	8.7	489
2	Improved Flexible Transparent Conductive Electrodes based on Silver Nanowire Networks by a Simple Sunlight Illumination Approach. Scientific Reports, 2017, 7, 42052.	3.3	65
3	Enhanced broadband absorption in gold by plasmonic tapered coaxial holes. Optics Express, 2014, 22, 32233.	3.4	30
4	High-Efficiency Plasmonic Metamaterial Selective Emitter Based on an Optimized Spherical Core-Shell Nanostructure for Planar Solar Thermophotovoltaics. Plasmonics, 2015, 10, 529-538.	3.4	20
5	Large-area and uniform transparent electrodes fabricated by polymethylmethacrylate-assisted spin-coating of silver nanowires on rigid and flexible substrates. Optical Materials Express, 2015, 5, 2347.	3.0	19
6	< 50-Î¼m thin crystalline silicon heterojunction solar cells with dopant-free carrier-selective contacts. Nano Energy, 2019, 64, 103930.	16.0	18
7	Proposal of a broadband, polarization-insensitive and high-efficiency hot-carrier schottky photodetector integrated with a plasmonic silicon ridge waveguide. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	12
8	Large-scale nanostructured low-temperature solar selective absorber. Optics Letters, 2017, 42, 1891.	3.3	11
9	A NANOSTRUCTURE-BASED HIGH-TEMPERATURE SELECTIVE ABSORBER-EMITTER PAIR FOR A SOLAR THERMOPHOTOVOLTAIC SYSTEM WITH NARROWBAND THERMAL EMISSION. Progress in Electromagnetics Research, 2018, 162, 95-108.	4.4	11
10	Meter-scale transparent conductive circuits based on silver nanowire networks for rigid and flexible transparent light-emitting diode screens. Optical Materials Express, 2019, 9, 4483.	3.0	9
11	Broadband Absorption and Efficient Hot-Carrier Photovoltaic Conversion based on Sunlight-induced Non-radiative Decay of Propagating Surface Plasmon Polaritons. Scientific Reports, 2017, 7, 4809.	3.3	8
12	Patterned few nanometer-thick silver films with high optical transparency and high electrical conductivity. RSC Advances, 2021, 11, 11481-11489.	3.6	8
13	Anomalous light trapping enhancement in a two-dimensional gold nanobowl array with an amorphous silicon coating. Optics Express, 2017, 25, 14114.	3.4	7
14	A checkerboard selective absorber with excellent spectral selectivity. Journal of Applied Physics, 2015, 118, .	2.5	6
15	Optical metasurfaces for waveguide couplers with uniform efficiencies at RGB wavelengths. Optics Express, 2021, 29, 29149.	3.4	6
16	Ultrathin nanostructured solar selective absorber based on a two-dimensional hemispherical shell array. Applied Physics Letters, 2018, 112, .	3.3	5
17	Visible-blind and flexible metal-semiconductor-metal ultraviolet photodetectors based on sub-10-nm thick silver interdigital electrodes. Optics Letters, 2021, 46, 4666.	3.3	5
18	Perfect mid-infrared dual-band optical absorption realized by a simple lithography-free polar dielectric/metal double-layer nanostructure. Optics Express, 2020, 28, 31414.	3.4	3

#	Article	IF	Citations
19	50-Âµm thick flexible dopant-free interdigitated-back-contact silicon heterojunction solar cells with front MoO_x coatings for efficient antireflection and passivation. Optics Express, 2022, 30, 21309.	3.4	3