

Liu Yang

List of Publications by Year in descending order

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19
papers

735
citations

1040056

9
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	50-Åµm 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
2	Patterned few nanometer-thick silver films with high optical transparency and high electrical conductivity. RSC Advances, 2021, 11, 11481-11489.	3.6	8
3	Optical metasurfaces for waveguide couplers with uniform efficiencies at RGB wavelengths. Optics Express, 2021, 29, 29149.	3.4	6
4	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
5	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
6	$50\text{-}\mu\text{m}$ thin crystalline silicon heterojunction solar cells with dopant-free carrier-selective contacts. Nano Energy, 2019, 64, 103930.	16.0	18
7	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
8	Ultrathin nanostructured solar selective absorber based on a two-dimensional hemispherical shell array. Applied Physics Letters, 2018, 112, .	3.3	5
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	Improved Flexible Transparent Conductive Electrodes based on Silver Nanowire Networks by a Simple Sunlight Illumination Approach. Scientific Reports, 2017, 7, 42052.	3.3	65
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	Anomalous light trapping enhancement in a two-dimensional gold nanobowl array with an amorphous silicon coating. Optics Express, 2017, 25, 14114.	3.4	7
13	Large-scale nanostructured low-temperature solar selective absorber. Optics Letters, 2017, 42, 1891.	3.3	11
14	A checkerboard selective absorber with excellent spectral selectivity. Journal of Applied Physics, 2015, 118, .	2.5	6
15	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.egBT /Overlock 10 T		
16	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
17	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
18	Enhanced broadband absorption in gold by plasmonic tapered coaxial holes. Optics Express, 2014, 22, 32233.	3.4	30

#	ARTICLE	IF	CITATIONS
19	Plasmonic and metamaterial structures as electromagnetic absorbers. Laser and Photonics Reviews, 2014, 8, 495-520.	8.7	489