

Kuang-Yu Yang

List of Publications by Year in descending order

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21
papers

2,511
citations

840776

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996975

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21
all docs

21
docs citations

21
times ranked

3017
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Efficiency Broadband Anomalous Reflection by Gradient Meta-Surfaces. Nano Letters, 2012, 12, 6223-6229.	9.1	1,120
2	High-Efficiency Broadband Meta-Hologram with Polarization-Controlled Dual Images. Nano Letters, 2014, 14, 225-230.	9.1	655
3	Seedless, silver-induced synthesis of star-shaped gold/silver bimetallic nanoparticles as high efficiency photothermal therapy reagent. Journal of Materials Chemistry, 2012, 22, 2244-2253.	6.7	205
4	Optical magnetic response in three-dimensional metamaterial of upright plasmonic meta-molecules. Optics Express, 2011, 19, 12837.	3.4	95
5	Vertical split-ring resonator based nanoplasmonic sensor. Applied Physics Letters, 2014, 105, .	3.3	86
6	Fano-resonance-assisted metasurface for color routing. Light: Science and Applications, 2017, 6, e17017-e17017.	16.6	82
7	Magnetic plasmon induced transparency in three-dimensional metamolecules. Nanophotonics, 2012, 1, 131-138.	6.0	72
8	Fabrication of three dimensional split ring resonators by stress-driven assembly method. Optics Express, 2012, 20, 9415.	3.4	54
9	Enhancement Mechanisms of the Second Harmonic Generation from Double Resonant Aluminum Nanostructures. ACS Photonics, 2017, 4, 1522-1530.	6.6	50
10	Design of high birefringence and low confinement loss photonic crystal fibers with five rings hexagonal and octagonal symmetry air-holes in fiber cladding. Journal of Applied Physics, 2011, 109, .	2.5	47
11	Wavevector-Selective Nonlinear Plasmonic Metasurfaces. Nano Letters, 2017, 17, 5258-5263.	9.1	20
12	Second harmonic generation in glass-based metasurfaces using tailored surface lattice resonances. Nanophotonics, 2021, 10, 3465-3475.	6.0	8
13	Voltage-assisted photoaligning effect of an azo dye doped in a liquid crystal with negative dielectric anisotropy. Optics Express, 2010, 18, 19914.	3.4	5
14	Dispersion properties, birefringence and confinement loss of rotational elliptic air-hole photonic crystal fiber. Applied Physics A: Materials Science and Processing, 2011, 104, 857-861.	2.3	5
15	Highly efficient urchin-like bimetallic nanoparticles for photothermal cancer therapy. SPIE Newsroom, 0, , .	0.1	4
16	Manipulation of spectral amplitude and phase with plasmonic nano-structures for information storage. Frontiers of Optoelectronics, 2014, 7, 437-442.	3.7	3
17	Metamaterials: From 3D Plasmonic Nanostructure to Reflective Metasurface. , 2014, , .		0
18	Reflective Metasurface and Plasmonic Hologram Application. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Polarization controlled colorful images reconstructed by reflective meta-hologram. Proceedings of SPIE, 2014, , .	0.8	0
20	Reflective plasmonic metasurface and metahologram. , 2015, , .		0
21	Plasmon induced transparency in three dimensional metamaterial of upright magnetic meta-molecules. , 2012, , .		0