

Zhi Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

560
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient unidirectional generation of surface plasmon polaritons with asymmetric single-nanoslit. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	115
2	Coupled-Resonator-Induced Fano Resonances for Plasmonic Sensing with Ultra-High Figure of Merits. <i>Plasmonics</i> , 2013, 8, 1627-1631.	3.4	101
3	Plasmonic Y-splitters of High Wavelength Resolution Based on Strongly Coupled-Resonator Effects. <i>Plasmonics</i> , 2012, 7, 441-445.	3.4	61
4	Highly Efficient All-Optical Control of Surface-Plasmon-Polariton Generation Based on a Compact Asymmetric Single Slit. <i>Nano Letters</i> , 2011, 11, 2933-2937.	9.1	60
5	Efficient Directional Excitation of Surface Plasmons by a Single-Element Nanoantenna. <i>Nano Letters</i> , 2015, 15, 3115-3121.	9.1	57
6	A submicron broadband surface-plasmon-polariton unidirectional coupler. <i>Scientific Reports</i> , 2013, 3, 1918.	3.3	37
7	Universal Linear-Optical Logic Gate with Maximal Intensity Contrast Ratios. <i>ACS Photonics</i> , 2018, 5, 1137-1143.	6.6	23
8	Response Line-Shapes in Compact Coupled Plasmonic Resonator Systems. <i>Plasmonics</i> , 2013, 8, 1129-1134.	3.4	21
9	A submicron surface-plasmon-polariton dichroic splitter based on a composite cavity structure. <i>Applied Physics Letters</i> , 2013, 102, 091110.	3.3	14
10	Efficient Unidirectional Launching of Surface Plasmons by Multi-Groove Structures. <i>Plasmonics</i> , 2017, 12, 1425-1430.	3.4	10
11	Coupling-induced excitation of a forbidden surface plasmon mode of a gold nanorod. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2009, 52, 1129-1138.	0.2	9
12	Ultrasmall and ultrafast all-optical modulation based on a plasmonic lens. <i>Applied Physics Letters</i> , 2011, 98, 161108.	3.3	9
13	Efficient All-Optical Molecule-Plasmon Modulation Based on T-shape Single Slit. <i>Plasmonics</i> , 2013, 8, 233-237.	3.4	8
14	Efficient unidirectional launching of surface plasmons by a cascade asymmetric-groove structure. <i>Nanoscale</i> , 2016, 8, 6777-6782.	5.6	8
15	Ultrafast spatiotemporal relaxation dynamics of excited electrons in a metal nanostructure detected by femtosecond-SNOM. <i>Optics Express</i> , 2010, 18, 14232.	3.4	7
16	The plasmonic coupling of metal nanoparticles and its implication for scanning near-field optical microscope characterization. <i>Science Bulletin</i> , 2009, 54, 3843-3843.	1.7	6
17	Ultra-high spatiotemporal resolved spectroscopy. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2007, 50, 681-690.	0.2	4
18	Multichannel and Binary-Phase All-Optical Control with On-Chip Integrated Subwavelength Plasmonic Waveguides. <i>ACS Photonics</i> , 2018, 5, 1575-1582.	6.6	4

#	ARTICLE	IF	CITATIONS
19	Low-threshold and narrow-linewidth perovskite microlasers pumped by a localized waveguide source. <i>Nanophotonics</i> , 2021, 10, 3477-3485.	6.0	3
20	Enlarging the Purcell Enhancement by Inserting a Dielectric Film in Dielectric-Loaded Surface-Plasmon-Polariton Waveguides. <i>Advanced Quantum Technologies</i> , 2020, 3, 2000033.	3.9	2
21	A selective area metal bonding method for Si photonics light sources. , 2010, , .		1
22	Temporally and Spatially High-Resolved Spectroscopy and Its Applications. , 2007, , .		0