

Liang Wang

List of Publications by Year in descending order

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29
papers

557
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933264

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29
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance InGaAs/InP Single-Photon Avalanche Diode Using DBR-Metal Reflector and Backside Micro-Lens. <i>Journal of Lightwave Technology</i> , 2022, 40, 3832-3838.	2.7	10
2	A potential way of detecting circulating tumor cells via laser scanning. <i>Journal of Modern Optics</i> , 2022, 69, 462-466.	0.6	0
3	Applications of optically and electrically driven nanoscale bowtie antennas. , 2022, 1, 210004-210004.		7
4	Numerical investigation of excitonic resonances of few-layer black phosphorus based on field enhancement. <i>Journal of Materials Science</i> , 2021, 56, 6227-6234.	1.7	0
5	Metal mesh electrode array fabricated by plate-to-roll nanoimprint lithography. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	1
6	Unidirectional propagation of electrically driven surface plasmon polaritons: a numerical study. <i>Nanotechnology</i> , 2020, 31, 455207.	1.3	1
7	Localized surface plasmon mode-enhanced spectrum-tunable radiation in electrically driven plasmonic antennas. <i>Optics Letters</i> , 2020, 45, 5506.	1.7	2
8	Deep plasmonic direct writing lithography with ENZ metamaterials and nanoantenna. <i>Nanotechnology</i> , 2019, 30, 425303.	1.3	9
9	Tunable Light Emission by Electrically Excited Plasmonic Antenna. <i>ACS Photonics</i> , 2019, 6, 2392-2396.	3.2	23
10	Ellipsoidal mirror dark-field scanning for detection of circulating tumor cells. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	1.1	0
11	Temperature dependent geometry in perovskite microcrystals for whispering gallery and Fabry-Pérot mode lasing. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4102-4108.	2.7	18
12	Flexible devices fabricated by a plate-to-roll nanoimprint lithography system. <i>Nanotechnology</i> , 2019, 30, 075301.	1.3	8
13	40-nm thick photoresist-compatible plasmonic nanolithography using a bowtie aperture combined with a metal-insulator-metal structure. <i>Optics Letters</i> , 2019, 44, 783.	1.7	7
14	Near field optical lithography using ultra-small gap bowtie apertures. , 2019, , .		0
15	Hybridized plasmonic modes and Fabry-Perot effect in nanoscale bowtie aperture waveguide. <i>Optics Express</i> , 2019, 27, 17221.	1.7	1
16	16nm resolution lithography using ultra-small gap bowtie apertures. , 2018, , .		0
17	16 nm-resolution lithography using ultra-small-gap bowtie apertures. <i>Nanotechnology</i> , 2017, 28, 055302.	1.3	14
18	Scanning near-field lithography with high precision flexure orientation stage control. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Resonant Effects in Nanoscale Bowtie Apertures. Scientific Reports, 2016, 6, 27254.	1.6	11
20	Numerical and experimental study of near-field scanning optical lithography using nanoscale bowtie apertures with ultrasmall gap size. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2016, 15, 031611.	1.0	2
21	Numerical and experimental study of nanolithography using nanoscale C-shaped aperture. Applied Physics A: Materials Science and Processing, 2015, 119, 1133-1141.	1.1	5
22	High contrast mark used for in-situ UV nano-imprint lithography allignment. , 2015, , .		0
23	Nanolithography using high transmission nanoscale ridge aperture probe. Applied Physics A: Materials Science and Processing, 2008, 93, 881-884.	1.1	27
24	Nanopatterning using NSOM probes integrated with high transmission nanoscale bowtie aperture. Optics Express, 2008, 16, 2584.	1.7	55
25	High transmission nanoscale bowtie-shaped aperture probe for near-field optical imaging. Applied Physics Letters, 2007, 90, 261105.	1.5	75
26	Nanolithography Using High Transmission Nanoscale Bowtie Apertures. Nano Letters, 2006, 6, 361-364.	4.5	237
27	Contact optical nanolithography using nanoscale C-shaped apertures. Optics Express, 2006, 14, 9902.	1.7	35
28	Plasmonic-Enhanced Radiative Transfer Through Nanoscale Aperture Antennas. , 2006, , 199.		0
29	Design, fabrication, and characterization of nanometer-scale ridged aperture optical antenna. , 2006, , .		7