

Kezheng Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6814065/publications.pdf>

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14
papers

562
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction of Aberrations via Polarization in Single Layer Metalenses. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	8
2	Reducing the Surface Area of Black Silicon by Optically Equivalent Structures. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 41-45.	2.5	2
3	Extended Kalman Filtering Projection Method to Reduce the 3σ Noise Value of Optical Biosensors. <i>ACS Sensors</i> , 2020, 5, 3474-3482.	7.8	14
4	On Metalenses with Arbitrarily Wide Field of View. <i>ACS Photonics</i> , 2020, 7, 2073-2079.	6.6	89
5	Guided mode resonance sensor for the parallel detection of multiple protein biomarkers in human urine with high sensitivity. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112047.	10.1	33
6	Performance limitations of resonant refractive index sensors with low-cost components. <i>Optics Express</i> , 2020, 28, 32239.	3.4	14
7	Light trapping in solar cells: simple design rules to maximize absorption. <i>Optica</i> , 2020, 7, 1377.	9.3	51
8	Paths to light trapping in thin film GaAs solar cells. <i>Optics Express</i> , 2018, 26, A341.	3.4	24
9	Efficient Silicon Metasurfaces for Visible Light. <i>ACS Photonics</i> , 2017, 4, 544-551.	6.6	211
10	High speed e-beam writing for large area photonic nanostructures – a choice of parameters. <i>Scientific Reports</i> , 2016, 6, 32945.	3.3	24
11	Spatial resolution effect of light coupling structures. <i>Scientific Reports</i> , 2016, 5, 18500.	3.3	11
12	A tunable submicro-optofluidic polymer filter based on guided-mode resonance. <i>Nanoscale</i> , 2015, 7, 3429-3434.	5.6	39
13	n_1 Slot Photonic Crystal Microcavity for Refractive Index Gas Sensing. <i>IEEE Photonics Journal</i> , 2014, 6, 1-9.	2.0	18
14	Enhanced 1524-nm Emission From Ge Quantum Dots in a Modified Photonic Crystal L3 Cavity. <i>IEEE Photonics Journal</i> , 2013, 5, 4500607-4500607.	2.0	24