

# 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

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1058476

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g-index

14  
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docs citations

14  
times ranked

800  
citing authors

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