

Christopher M Roberts

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

214

citations

6

h-index

12

g-index

12

ext. papers

413

ext. citations

8.5

avg, IF

3.13

L-index

#	Paper	IF	Citations
8	Electrically reconfigurable non-volatile metasurface using low-loss optical phase-change material. <i>Nature Nanotechnology</i> , 2021 , 16, 661-666	28.7	85
7	Reconfigurable all-dielectric metalens with diffraction-limited performance. <i>Nature Communications</i> , 2021 , 12, 1225	17.4	63
6	Rigorous diffraction interface theory. <i>Applied Physics Letters</i> , 2017 , 110, 171108	3.4	3
5	Metasurface-enhanced transparency. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017 , 34, D42	1.7	4
4	Interscale mixing microscopy: far-field imaging beyond the diffraction limit. <i>Optica</i> , 2016 , 3, 803	8.6	7
3	Diffractive interface theory: nonlocal susceptibility approach to the optics of metasurfaces. <i>Optics Express</i> , 2015 , 23, 2764-76	3.3	23
2	Metamaterials-based Salisbury screens with reduced angular sensitivity. <i>Applied Physics Letters</i> , 2014 , 105, 161105	3.4	6
1	Near-field infrared absorption of plasmonic semiconductor microparticles studied using atomic force microscope infrared spectroscopy. <i>Applied Physics Letters</i> , 2013 , 102, 152110	3.4	22