Christopher M Roberts

List of Publications by Year in Descending Order

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