

# 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.

7

papers

334

citations

5

h-index

12

g-index

12

ext. papers

647

ext. citations

14

avg, IF

3.26

L-index

#	Paper	IF	Citations
7	Electrically reconfigurable non-volatile metasurface using low-loss optical phase-change material. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 661-666	28.7	85
6	Transient Tap Couplers for Wafer-Level Photonic Testing Based on Optical Phase Change Materials. <i>ACS Photonics</i> , <b>2021</b> , 8, 1903-1908	6.3	5
5	Multi-Level Electro-Thermal Switching of Optical Phase-Change Materials Using Graphene. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2000034	1.9	24
4	Integrated Nonvolatile Phase-shifter Based on Electrically Reconfigurable Low-loss Phase-change Materials <b>2021</b> ,		1
3	Reconfigurable all-dielectric metalens with diffraction-limited performance. <i>Nature Communications</i> , <b>2021</b> , 12, 1225	17.4	63
2	Broadband transparent optical phase change materials for high-performance nonvolatile photonics. <i>Nature Communications</i> , <b>2019</b> , 10, 4279	17.4	152
1	Reconfigurable all-dielectric metalens with diffraction-limited performance		3