

Christopher M Roberts

List of Publications by Citations

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