

# Jeffrey B Chou

## 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.

13  
papers

1,175  
citations

11  
h-index

14  
g-index

14  
ext. papers

1,570  
ext. citations

11.3  
avg, IF

4.22  
L-index

#	Paper	IF	Citations
13	Extremely Elastic Wearable Carbon Nanotube Fiber Strain Sensor for Monitoring of Human Motion. <i>ACS Nano</i> , <b>2015</b> , 9, 5929-36	16.7	534
12	Broadband transparent optical phase change materials for high-performance nonvolatile photonics. <i>Nature Communications</i> , <b>2019</b> , 10, 4279	17.4	152
11	Enabling ideal selective solar absorption with 2D metallic dielectric photonic crystals. <i>Advanced Materials</i> , <b>2014</b> , 26, 8041-5	24	98
10	Direct Insulation-to-Conduction Transformation of Adhesive Catecholamine for Simultaneous Increases of Electrical Conductivity and Mechanical Strength of CNT Fibers. <i>Advanced Materials</i> , <b>2015</b> , 27, 3250-5	24	90
9	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
8	Reconfigurable all-dielectric metalens with diffraction-limited performance. <i>Nature Communications</i> , <b>2021</b> , 12, 1225	17.4	63
7	Design of wide-angle selective absorbers/emitters with dielectric filled metallic photonic crystals for energy applications. <i>Optics Express</i> , <b>2014</b> , 22 Suppl 1, A144-54	3.3	56
6	Global optimization of omnidirectional wavelength selective emitters/absorbers based on dielectric-filled anti-reflection coated two-dimensional metallic photonic crystals. <i>Optics Express</i> , <b>2014</b> , 22, 21711-8	3.3	30
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	Surface plasmon assisted hot electron collection in wafer-scale metallic-semiconductor photonic crystals. <i>Optics Express</i> , <b>2016</b> , 24, A1234-44	3.3	15
3	Electron beam induced rapid crystallization of water splitting nanostructures. <i>MRS Advances</i> , <b>2016</b> , 1, 825-830	0.7	12
2	Effect of anisotropic electron momentum distribution of surface plasmon on internal photoemission of a Schottky hot carrier device. <i>Optics Express</i> , <b>2017</b> , 25, A264-A273	3.3	10
1	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