

Jeffrey B Chou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11027367/publications.pdf>

Version: 2024-02-01

13
papers

1,975
citations

759190

12
h-index

1058452

14
g-index

14
all docs

14
docs citations

14
times ranked

2921
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely Elastic Wearable Carbon Nanotube Fiber Strain Sensor for Monitoring of Human Motion. ACS Nano, 2015, 9, 5929-5936.	14.6	634
2	Broadband transparent optical phase change materials for high-performance nonvolatile photonics. Nature Communications, 2019, 10, 4279.	12.8	349
3	Electrically reconfigurable non-volatile metasurface using low-loss optical phase-change material. Nature Nanotechnology, 2021, 16, 661-666.	31.5	298
4	Reconfigurable all-dielectric metalens with diffraction-limited performance. Nature Communications, 2021, 12, 1225.	12.8	221
5	Enabling Ideal Selective Solar Absorption with 2D Metallic Dielectric Photonic Crystals. Advanced Materials, 2014, 26, 8041-8045.	21.0	120
6	Direct Insulation to Conduction Transformation of Adhesive Catecholamine for Simultaneous Increases of Electrical Conductivity and Mechanical Strength of CNT Fibers. Advanced Materials, 2015, 27, 3250-3255.	21.0	113
7	Multi-Level Electro-Thermal Switching of Optical Phase-Change Materials Using Graphene. Advanced Photonics Research, 2021, 2, 2000034.	3.6	75
8	Design of wide-angle selective absorbers/emitters with dielectric filled metallic photonic crystals for energy applications. Optics Express, 2014, 22, A144.	3.4	63
9	Global optimization of omnidirectional wavelength selective emitters/absorbers based on dielectric-filled anti-reflection coated two-dimensional metallic photonic crystals. Optics Express, 2014, 22, 21711.	3.4	36
10	Transient Tap Couplers for Wafer-Level Photonic Testing Based on Optical Phase Change Materials. ACS Photonics, 2021, 8, 1903-1908.	6.6	24
11	Surface plasmon assisted hot electron collection in wafer-scale metallic-semiconductor photonic crystals. Optics Express, 2016, 24, A1234.	3.4	18
12	Electron beam induced rapid crystallization of water splitting nanostructures. MRS Advances, 2016, 1, 825-830.	0.9	13
13	Effect of anisotropic electron momentum distribution of surface plasmon on internal photoemission of a Schottky hot carrier device. Optics Express, 2017, 25, A264.	3.4	10