

Bojun Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/263655/publications.pdf>

Version: 2024-02-01

14
papers

725
citations

1163065

8
h-index

1372553

10
g-index

14
all docs

14
docs citations

14
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Metasurface Colloidal Quantum Dot Photodetectors. ACS Photonics, 2022, 9, 482-492.	6.6	11
2	Atomic scale memristive photon source. Light: Science and Applications, 2022, 11, 78.	16.6	9
3	Threshold Switching Enabled Sub-pW-Leakage, Hysteresis-Free Circuits. IEEE Transactions on Electron Devices, 2021, 68, 3112-3118.	3.0	1
4	Broadband, High-Temperature Stable Reflector for Aerospace Thermal Radiation Protection. ACS Applied Materials & Interfaces, 2020, 12, 9925-9934.	8.0	18
5	Opto-electronic memristors: Prospects and challenges in neuromorphic computing. Applied Physics Letters, 2020, 117, .	3.3	39
6	Atomic-Scale Photonic Memristive and Nano-Opto-Electro-Mechanical Devices Enabled by Plasmonics. , 2020, , .		0
7	MEMS Plasmonics and Memristive Plasmonics for Optical Communications. , 2020, , .		0
8	Broadband, Temperature-Stable, Reflective Additives to Enhance Thermal Radiation Protection Systems. , 2020, , .		0
9	Ultra compact electrochemical metallization cells offering reproducible atomic scale memristive switching. Communications Physics, 2019, 2, .	5.3	35
10	Low-loss plasmon-assisted electro-optic modulator. Nature, 2018, 556, 483-486.	27.8	312
11	100 GHz Plasmonic Photodetector. ACS Photonics, 2018, 5, 3291-3297.	6.6	146
12	Atomic Scale Photodetection Enabled by a Memristive Junction. ACS Nano, 2018, 12, 6706-6713.	14.6	37
13	Nonlinearities of organic electro-optic materials in nanoscale slots and implications for the optimum modulator design. Optics Express, 2017, 25, 2627.	3.4	114
14	Atomic Photodetection. , 2016, , .		3