

Ping

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7503921/publications.pdf>

Version: 2024-02-01

13
papers

1,243
citations

687363

13
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1803
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Pockels effect in micro- and nanostructured barium titanate integrated on silicon. Nature Materials, 2019, 18, 42-47.	27.5	311
2	Waveguide-integrated van der Waals heterostructure photodetector at telecom wavelengths with high speed and high responsivity. Nature Nanotechnology, 2020, 15, 118-124.	31.5	208
3	Plasmonically Enhanced Graphene Photodetector Featuring 100 Gbit/s Data Reception, High Responsivity, and Compact Size. ACS Photonics, 2019, 6, 154-161.	6.6	169
4	100 GHz Plasmonic Photodetector. ACS Photonics, 2018, 5, 3291-3297.	6.6	146
5	Plasmonic Photodetectors. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-13.	2.9	88
6	Fast MoTe ₂ Waveguide Photodetector with High Sensitivity at Telecommunication Wavelengths. ACS Photonics, 2018, 5, 1846-1852.	6.6	83
7	Plasmonic Ferroelectric Modulators. Journal of Lightwave Technology, 2019, 37, 281-290.	4.6	54
8	Opto-electronic memristors: Prospects and challenges in neuromorphic computing. Applied Physics Letters, 2020, 117, .	3.3	39
9	Atomic Scale Photodetection Enabled by a Memristive Junction. ACS Nano, 2018, 12, 6706-6713.	14.6	37
10	Ultra compact electrochemical metallization cells offering reproducible atomic scale memristive switching. Communications Physics, 2019, 2, .	5.3	35
11	Analog Nanoscale Electro-Optical Synapses for Neuromorphic Computing Applications. ACS Nano, 2021, 15, 14776-14785.	14.6	35
12	Large impact of strain on the electro-optic effect in (Ba, Sr)TiO ₃ thin films: Experiment and theoretical comparison. Applied Physics Letters, 2019, 115, .	3.3	20
13	Broadband Metallic Fiber-to-Chip Couplers and a Low-Complexity Integrated Plasmonic Platform. Nano Letters, 2021, 21, 4539-4545.	9.1	18