

A K Ott

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6057753/publications.pdf>

Version: 2024-02-01

17
papers

1,978
citations

840119

11
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

4385
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Spectroscopy of Graphene and Bilayer under Biaxial Strain: Bubbles and Balloons. Nano Letters, 2012, 12, 617-621.	4.5	431
2	Doping Dependence of the Raman Spectrum of Defected Graphene. ACS Nano, 2014, 8, 7432-7441.	7.3	312
3	Graphene-silicon phase modulators with gigahertz bandwidth. Nature Photonics, 2018, 12, 40-44.	15.6	261
4	Atomically thin quantum light-emitting diodes. Nature Communications, 2016, 7, 12978.	5.8	242
5	Broadband, electrically tunable third-harmonic generation in graphene. Nature Nanotechnology, 2018, 13, 583-588.	15.6	211
6	Graphene and Related Materials for Resistive Random Access Memories. Advanced Electronic Materials, 2017, 3, 1600195.	2.6	175
7	High-Mobility, Wet-Transferred Graphene Grown by Chemical Vapor Deposition. ACS Nano, 2019, 13, 8926-8935.	7.3	132
8	p-wave triggered superconductivity in single-layer graphene on an electron-doped oxide superconductor. Nature Communications, 2017, 8, 14024.	5.8	79
9	Raman spectroscopy of graphene under ultrafast laser excitation. Nature Communications, 2018, 9, 308.	5.8	70
10	Tunable D peak in gated graphene. Nano Research, 2014, 7, 338-344.	5.8	20
11	Temperature Evolution in Nanoscale Carbon-Based Memory Devices Due to Local Joule Heating. IEEE Nanotechnology Magazine, 2017, 16, 806-811.	1.1	15
12	Tetrahedral amorphous carbon resistive memories with graphene-based electrodes. 2D Materials, 2018, 5, 045028.	2.0	9
13	A stable, power scaling, graphene-mode-locked all-fiber oscillator. Applied Physics Letters, 2017, 110, .	1.5	7
14	Carbon-Based Resistive Memories. , 2016, , .		6
15	The effect of nitrogen implantation on resistive switching of tetrahedral amorphous carbon films. Diamond and Related Materials, 2018, 87, 90-98.	1.8	6
16	Joule heating effects in nanoscale carbon-based memory devices. , 2016, , .		1
17	Graphene electrically tuneable third harmonic generation. , 2018, , .		0