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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

943
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting the Oxidation of Zircaloy Claddings by Infrared Interference. Nano, 2018, 13, 1850015.	1.0	4
2	Fabrication of Ge-on-insulator wafers by Smart-Cut TM with thermal management for undamaged donor Ge wafers. Semiconductor Science and Technology, 2018, 33, 015017.	2.0	11
3	Bendable MOS capacitors formed with printed In _{0.2} Ga _{0.8} As/GaAs/In _{0.2} Ga _{0.8} As trilayer nanomembrane on plastic substrates. Applied Physics Letters, 2017, 110, 133505.	3.3	2
4	Origami silicon optoelectronics for hemispherical electronic eye systems. Nature Communications, 2017, 8, 1782.	12.8	177
5	Triaxial compressive strain in bilayer graphene enabled by nitride stressor layer. Extreme Mechanics Letters, 2017, 11, 77-83.	4.1	6
6	High-density platinum nanoparticle-decorated titanium dioxide nanofiber networks for efficient capillary photocatalytic hydrogen generation. Journal of Materials Chemistry A, 2016, 4, 11672-11679.	10.3	18
7	Wrinkled bilayer graphene with wafer scale mechanical strain. Applied Physics Letters, 2016, 108, 183101.	3.3	5
8	Thermal diffusion boron doping of single-crystal natural diamond. Journal of Applied Physics, 2016, 119, .	2.5	31
9	Flexible bottom-gate graphene transistors on Parylene C substrate and the effect of current annealing. Applied Physics Letters, 2016, 109, 152105.	3.3	7
10	Heterogeneously Integrated InGaAs and Si Membrane Four-Color Photodetector Arrays. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	11
11	Fabrication and utility of a transparent graphene neural electrode array for electrophysiology, in vivo imaging, and optogenetics. Nature Protocols, 2016, 11, 2201-2222.	12.0	108
12	Directed self-assembly of block copolymer films on atomically-thin graphene chemical patterns. Scientific Reports, 2016, 6, 31407.	3.3	20
13	Creating periodic local strain in monolayer graphene with nanopillars patterned by self-assembled block copolymer. Applied Physics Letters, 2015, 107, .	3.3	16
14	Heterogeneously integrated InGaAs and Si membrane four color focal plane arrays. , 2015, , .		0
15	Bottom-gate coplanar graphene transistors with enhanced graphene adhesion on atomic layer deposition Al ₂ O ₃ . Applied Physics Letters, 2015, 106, .	3.3	8
16	High power fast flexible electronics: Transparent RF AlGaIn/GaN HEMTs on plastic substrates. , 2015, , .		5
17	Transferred Flexible Three-Color Silicon Membrane Photodetector Arrays. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	17
18	Monitoring the oxidation of nuclear fuel cladding using Raman spectroscopy. Journal of Nuclear Materials, 2014, 445, 7-11.	2.7	10

#	ARTICLE	IF	CITATIONS
19	Graphene-based carbon-layered electrode array technology for neural imaging and optogenetic applications. Nature Communications, 2014, 5, 5258.	12.8	485
20	Graphene RF transistors with buried bottom gate. , 2013, , .		2