

Solomon Mikael

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/852560/publications.pdf>

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	Graphene-based carbon-layered electrode array technology for neural imaging and optogenetic applications. Nature Communications, 2014, 5, 5258.	12.8	485
2	Origami silicon optoelectronics for hemispherical electronic eye systems. Nature Communications, 2017, 8, 1782.	12.8	177
3	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
4	Thermal diffusion boron doping of single-crystal natural diamond. Journal of Applied Physics, 2016, 119, .	2.5	31
5	Directed self-assembly of block copolymer films on atomically-thin graphene chemical patterns. Scientific Reports, 2016, 6, 31407.	3.3	20
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	Transferred Flexible Three-Color Silicon Membrane Photodetector Arrays. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	17
8	Creating periodic local strain in monolayer graphene with nanopillars patterned by self-assembled block copolymer. Applied Physics Letters, 2015, 107, .	3.3	16
9	Heterogeneously Integrated InGaAs and Si Membrane Four-Color Photodetector Arrays. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	11
10	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
11	Monitoring the oxidation of nuclear fuel cladding using Raman spectroscopy. Journal of Nuclear Materials, 2014, 445, 7-11.	2.7	10
12	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
13	Flexible bottom-gate graphene transistors on Parylene C substrate and the effect of current annealing. Applied Physics Letters, 2016, 109, 152105.	3.3	7
14	Triaxial compressive strain in bilayer graphene enabled by nitride stressor layer. Extreme Mechanics Letters, 2017, 11, 77-83.	4.1	6
15	High power fast flexible electronics: Transparent RF AlGaIn/GaN HEMTs on plastic substrates. , 2015, , .		5
16	Wrinkled bilayer graphene with wafer scale mechanical strain. Applied Physics Letters, 2016, 108, 183101.	3.3	5
17	Detecting the Oxidation of Zircaloy Claddings by Infrared Interference. Nano, 2018, 13, 1850015.	1.0	4
18	Graphene RF transistors with buried bottom gate. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	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
20	Heterogeneously integrated InGaAs and Si membrane four color focal plane arrays. , 2015, , .		0