

Domenica Convertino

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,053
citations

623734

14
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

2273
citing authors

#	ARTICLE	IF	CITATIONS
1	Peripheral Neuron Survival and Outgrowth on Graphene. <i>Frontiers in Neuroscience</i> , 2018, 12, 1.	2.8	357
2	Rapid CVD growth of millimetre-sized single crystal graphene using a cold-wall reactor. <i>2D Materials</i> , 2015, 2, 014006.	4.4	143
3	Synthesis of Large-Scale Monolayer $1T\text{-MoTe}_2$ and Its Stabilization <i>via</i> Scalable hBN Encapsulation. <i>ACS Nano</i> , 2021, 15, 4213-4225.	14.6	61
4	Superlubricity of epitaxial monolayer WS ₂ on graphene. <i>Nano Research</i> , 2018, 11, 5946-5956.	10.4	58
5	Terahertz detection by epitaxial-graphene field-effect-transistors on silicon carbide. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	55
6	High Photoresponsivity in Graphene Nanoribbon Field-Effect Transistor Devices Contacted with Graphene Electrodes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10620-10625.	3.1	45
7	Graphene Promotes Axon Elongation through Local Stall of Nerve Growth Factor Signaling Endosomes. <i>Nano Letters</i> , 2020, 20, 3633-3641.	9.1	44
8	Rapid and catalyst-free van der Waals epitaxy of graphene on hexagonal boron nitride. <i>Carbon</i> , 2016, 96, 497-502.	10.3	43
9	Scalable synthesis of WS ₂ on graphene and h-BN: an all-2D platform for light-matter transduction. <i>2D Materials</i> , 2016, 3, 031013.	4.4	36
10	Increasing the active surface of titanium islands on graphene by nitrogen sputtering. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	31
11	THz saturable absorption in turbostratic multilayer graphene on silicon carbide. <i>Optics Express</i> , 2015, 23, 11632.	3.4	23
12	Revealing the Multibonding State between Hydrogen and Graphene-Supported Ti Clusters. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12974-12979.	3.1	21
13	Electroburning of few-layer graphene flakes, epitaxial graphene, and turbostratic graphene discs in air and under vacuum. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 711-719.	2.8	19
14	Coherent absorption of light by graphene and other optically conducting surfaces in realistic on-substrate configurations. <i>APL Photonics</i> , 2017, 2, .	5.7	19
15	Hydrogen Spillover and Storage on Graphene with Single-Site Ti Catalysts. <i>ACS Energy Letters</i> , 2022, 7, 2297-2303.	17.4	14
16	MBE growth of self-assisted InAs nanowires on graphene. <i>Semiconductor Science and Technology</i> , 2016, 31, 115005.	2.0	13
17	Effect of Chemical Vapor Deposition WS ₂ on Viability and Differentiation of SH-SY5Y Cells. <i>Frontiers in Neuroscience</i> , 2020, 14, 592502.	2.8	12
18	Fluorolabeling of the PPTase-Related Chemical Tags: Comparative Study of Different Membrane Receptors and Different Fluorophores in the Labeling Reactions. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 195.	3.5	10

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19	Thermal decomposition and chemical vapor deposition: a comparative study of multi-layer growth of graphene on SiC(000-1). MRS Advances, 2016, 1, 3667-3672.	0.9	9
20	Saturable absorption of femtosecond optical pulses in multilayer turbostratic graphene. Optics Express, 2016, 24, 15261.	3.4	8
21	Rippling of graphitic surfaces: a comparison between few-layer graphene and HOPG. Physical Chemistry Chemical Physics, 2018, 20, 13322-13330.	2.8	8
22	Efficient n -type doping in epitaxial graphene through strong lateral orbital hybridization of Ti adsorbate. Carbon, 2016, 109, 300-305.	10.3	7
23	Thermal stability of monolayer WS ₂ in BEOL conditions. JPhys Materials, 2021, 4, 024002.	4.2	7
24	Optical Response of CVD-Grown ML-WS ₂ Flakes on an Ultra-Dense Au NP Plasmonic Array. Chemosensors, 2022, 10, 120.	3.6	4
25	Graphene on SiC. , 2022, , 65-97.		2
26	Coherent perfect absorption and transparency in lossy and loss/gain metasurface-embedding structures. , 2017, , .		1
27	Deterministic synthesis of Cu ₉ S ₅ flakes assisted by single-layer graphene arrays. Nanoscale Advances, 2021, 3, 1352-1361.	4.6	1