

Domenica Convertino

List of Publications by Year in descending order

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27
papers

1,053
citations

623734

14
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580821

25
g-index

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docs citations

30
times ranked

2273
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Response of CVD-Grown ML-WS ₂ Flakes on an Ultra-Dense Au NP Plasmonic Array. <i>Chemosensors</i> , 2022, 10, 120.	3.6	4
2	Hydrogen Spillover and Storage on Graphene with Single-Site Ti Catalysts. <i>ACS Energy Letters</i> , 2022, 7, 2297-2303.	17.4	14
3	Graphene on SiC. , 2022, , 65-97.		2
4	Thermal stability of monolayer WS ₂ in BEOL conditions. <i>JPhys Materials</i> , 2021, 4, 024002.	4.2	7
5	Synthesis of Large-Scale Monolayer 1Tâ€²-MoTe ₂ and Its Stabilization <i>via</i> Scalable hBN Encapsulation. <i>ACS Nano</i> , 2021, 15, 4213-4225.	14.6	61
6	Deterministic synthesis of Cu ₉ S ₅ flakes assisted by single-layer graphene arrays. <i>Nanoscale Advances</i> , 2021, 3, 1352-1361.	4.6	1
7	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
8	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
9	Graphene Promotes Axon Elongation through Local Stall of Nerve Growth Factor Signaling Endosomes. <i>Nano Letters</i> , 2020, 20, 3633-3641.	9.1	44
10	Rippling of graphitic surfaces: a comparison between few-layer graphene and HOPG. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13322-13330.	2.8	8
11	Peripheral Neuron Survival and Outgrowth on Graphene. <i>Frontiers in Neuroscience</i> , 2018, 12, 1.	2.8	357
12	Superlubricity of epitaxial monolayer WS ₂ on graphene. <i>Nano Research</i> , 2018, 11, 5946-5956.	10.4	58
13	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
14	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
15	Coherent perfect absorption and transparency in lossy and loss/gain metasurface-embedding structures. , 2017, , .		1
16	Saturable absorption of femtosecond optical pulses in multilayer turbostratic graphene. <i>Optics Express</i> , 2016, 24, 15261.	3.4	8
17	MBE growth of self-assisted InAs nanowires on graphene. <i>Semiconductor Science and Technology</i> , 2016, 31, 115005.	2.0	13
18	Efficient n-type doping in epitaxial graphene through strong lateral orbital hybridization of Ti adsorbate. <i>Carbon</i> , 2016, 109, 300-305.	10.3	7

#	ARTICLE	IF	CITATIONS
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	Scalable synthesis of WS ₂ on graphene and h-BN: an all-2D platform for light-matter transduction. 2D Materials, 2016, 3, 031013.	4.4	36
21	Revealing the Multibonding State between Hydrogen and Graphene-Supported Ti Clusters. Journal of Physical Chemistry C, 2016, 120, 12974-12979.	3.1	21
22	Rapid and catalyst-free van der Waals epitaxy of graphene on hexagonal boron nitride. Carbon, 2016, 96, 497-502.	10.3	43
23	Electroburning of few-layer graphene flakes, epitaxial graphene, and turbostratic graphene discs in air and under vacuum. Beilstein Journal of Nanotechnology, 2015, 6, 711-719.	2.8	19
24	Rapid CVD growth of millimetre-sized single crystal graphene using a cold-wall reactor. 2D Materials, 2015, 2, 014006.	4.4	143
25	THz saturable absorption in turbostratic multilayer graphene on silicon carbide. Optics Express, 2015, 23, 11632.	3.4	23
26	Increasing the active surface of titanium islands on graphene by nitrogen sputtering. Applied Physics Letters, 2015, 106, .	3.3	31
27	Terahertz detection by epitaxial-graphene field-effect-transistors on silicon carbide. Applied Physics Letters, 2015, 107, .	3.3	55