

Marina V Baidakova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5040753/publications.pdf>

Version: 2024-02-01

25
papers

896
citations

687363

13
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1246
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Chemistry Management via the Use of KMnO ₄ /K ₂ Cr ₂ O ₇ Oxidizing Agents. <i>Nanomaterials</i> , 2021, 11, 915.	4.1	8
2	Modulating nitrogen species via N-doping and post annealing of graphene derivatives: XPS and XAS examination. <i>Carbon</i> , 2021, 182, 593-604.	10.3	66
3	Valence Band Structure Engineering in Graphene Derivatives. <i>Small</i> , 2021, 17, 2104316.	10.0	8
4	Graphene oxide conversion into controllably carboxylated graphene layers via photoreduction process in the inert atmosphere. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 221-225.	2.1	16
5	Unveiling a facile approach for large-scale synthesis of N-doped graphene with tuned electrical properties. <i>2D Materials</i> , 2020, 7, 045001.	4.4	31
6	From graphene oxide towards aminated graphene: facile synthesis, its structure and electronic properties. <i>Scientific Reports</i> , 2020, 10, 6902.	3.3	114
7	The Crystalline Structure of Nascent Ultra High Molecular Weight Single Particles and Its Change on Heating, as Revealed by in-situ Synchrotron Studies. <i>Journal of Macromolecular Science - Physics</i> , 2019, 58, 847-859.	1.0	4
8	Influence of charge carriers on corrugation of suspended graphene. <i>Solid State Communications</i> , 2018, 270, 1-5.	1.9	0
9	Facile reduction of graphene oxide suspensions and films using glass wafers. <i>Scientific Reports</i> , 2018, 8, 14154.	3.3	110
10	Controllable spherical aggregation of monodisperse carbon nanodots. <i>Nanoscale</i> , 2018, 10, 13223-13235.	5.6	32
11	Enhanced room-temperature 3.5 Å photoluminescence in stress-balanced metamorphic In(Sb,As)/In(Ga,Al)As/GaAs quantum wells. <i>Applied Physics Express</i> , 2017, 10, 121201.	2.4	13
12	Structure diagnostics of heterostructures and multi-layered systems by X-ray multiple diffraction. <i>Journal of Applied Crystallography</i> , 2017, 50, 722-726.	4.5	5
13	Nanoscale Perforation of Graphene Oxide during Photoreduction Process in the Argon Atmosphere. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28261-28269.	3.1	85
14	X-ray determination of threading dislocation densities in GaN/Al ₂ O ₃ (0001) films grown by metalorganic vapor phase epitaxy. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	34
15	High-resolution X-ray diffraction and imaging. <i>Journal of Applied Crystallography</i> , 2013, 46, 841-841.	4.5	1
16	Application of the electron probe microanalysis in nitride-based heterostructures investigation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 749-753.	1.8	4
17	The Fundamental Properties and Characteristics of Nanodiamonds. , 2010, , 55-77.		13
18	Nanographene and Nanodiamond; New Members in the Nanocarbon Family. <i>Chemistry - an Asian Journal</i> , 2009, 4, 796-804.	3.3	50

#	ARTICLE	IF	CITATIONS
19	Structures and electronic properties of surface/edges of nanodiamond and nanographite. <i>Diamond and Related Materials</i> , 2007, 16, 2029-2034.	3.9	15
20	New prospects and frontiers of nanodiamond clusters. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6300-6311.	2.8	185
21	Magnetic Properties of Hydrogen-Terminated Surface Layer of Diamond Nanoparticles. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 565-572.	2.1	12
22	MAGNETIC DEFECTS IN PRISTINE AND HYDROGENERMINATED NANODIAMONDS. , 2006, , 447-456.		1
23	Cobalt and Magnesium Ferrite Nanoparticles: Preparation Using Liquid Foams as Templates and Their Magnetic Characteristics. <i>Langmuir</i> , 2005, 21, 10638-10643.	3.5	72
24	Raman spectroscopy of disorder effects in Al _x Ga _{1-x} N solid solutions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999, 59, 222-225.	3.5	9
25	Guiding Graphene Derivatization for the On-Chip Multisensor Arrays: From the Synthesis to the Theoretical Background. <i>Advanced Materials Technologies</i> , 0, , 2101250.	5.8	8