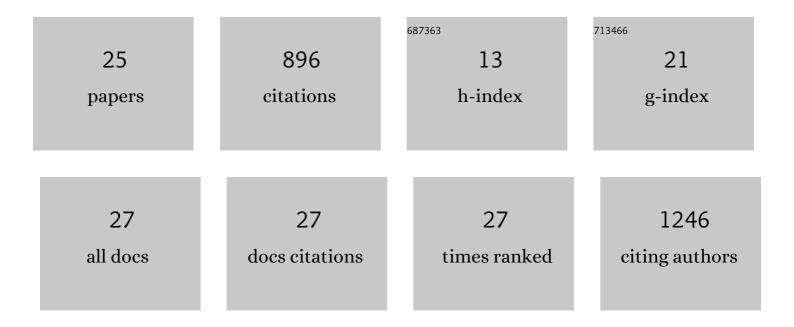
Marina V Baidakova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	New prospects and frontiers of nanodiamond clusters. Journal Physics D: Applied Physics, 2007, 40, 6300-6311.	2.8	185
2	From graphene oxide towards aminated graphene: facile synthesis, its structure and electronic properties. Scientific Reports, 2020, 10, 6902.	3.3	114
3	Facile reduction of graphene oxide suspensions and films using glass wafers. Scientific Reports, 2018, 8, 14154.	3.3	110
4	Nanoscale Perforation of Graphene Oxide during Photoreduction Process in the Argon Atmosphere. Journal of Physical Chemistry C, 2016, 120, 28261-28269.	3.1	85
5	Cobalt and Magnesium Ferrite Nanoparticles:Â Preparation Using Liquid Foams as Templates and Their Magnetic Characteristics. Langmuir, 2005, 21, 10638-10643.	3.5	72
6	Modulating nitrogen species via N-doping and post annealing of graphene derivatives: XPS and XAS examination. Carbon, 2021, 182, 593-604.	10.3	66
7	Nanographene and Nanodiamond; New Members in the Nanocarbon Family. Chemistry - an Asian Journal, 2009, 4, 796-804.	3.3	50
8	X-ray determination of threading dislocation densities in GaN/Al2O3(0001) films grown by metalorganic vapor phase epitaxy. Journal of Applied Physics, 2014, 115, .	2.5	34
9	Controllable spherical aggregation of monodisperse carbon nanodots. Nanoscale, 2018, 10, 13223-13235.	5.6	32
10	Unveiling a facile approach for large-scale synthesis of N-doped graphene with tuned electrical properties. 2D Materials, 2020, 7, 045001.	4.4	31
11	Graphene oxide conversion into controllably carboxylated graphene layers via photoreduction process in the inert atmosphere. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 221-225.	2.1	16
12	Structures and electronic properties of surface/edges of nanodiamond and nanographite. Diamond and Related Materials, 2007, 16, 2029-2034.	3.9	15
13	The Fundamental Properties and Characteristics of Nanodiamonds. , 2010, , 55-77.		13
14	Enhanced room-temperature 3.5 µm photoluminescence in stress-balanced metamorphic In(Sb,As)/In(Ga,Al)As/GaAs quantum wells. Applied Physics Express, 2017, 10, 121201.	2.4	13
15	Magnetic Properties of Hydrogenâ€Terminated Surface Layer of Diamond Nanoparticles. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 565-572.	2.1	12
16	Raman spectroscopy of disorder effects in AlxGa1â^'xN solid solutions. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 59, 222-225.	3.5	9
17	Graphene Oxide Chemistry Management via the Use of KMnO4/K2Cr2O7 Oxidizing Agents. Nanomaterials, 2021, 11, 915.	4.1	8
18	Valence Band Structure Engineering in Graphene Derivatives. Small, 2021, 17, 2104316.	10.0	8

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#	Article	IF	CITATIONS
19	Guiding Graphene Derivatization for the Onâ€Chip Multisensor Arrays: From the Synthesis to the Theoretical Background. Advanced Materials Technologies, 0, , 2101250.	5.8	8
20	Structure diagnostics of heterostructures and multi-layered systems by X-ray multiple diffraction. Journal of Applied Crystallography, 2017, 50, 722-726.	4.5	5
21	Application of the electron probe microanalysis in nitrideâ€based heterostructures investigation. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 749-753.	1.8	4
22	The Crystalline Structure of Nascent Ultra High Molecular Weight Single Particles and Its Change on Heating, as Revealed by in-situ Synchrotron Studies. Journal of Macromolecular Science - Physics, 2019, 58, 847-859.	1.0	4
23	MAGNETIC DEFECTS IN PRISTINE AND HYDROGENTERMINATED NANODIAMONDS. , 2006, , 447-456.		1
24	High-resolution X-ray diffraction and imaging. Journal of Applied Crystallography, 2013, 46, 841-841.	4.5	1
25	Influence of charge carriers on corrugation of suspended graphene. Solid State Communications, 2018, 270, 1-5.	1.9	0