

# Vladimir S Prudkovskiy

## List of Publications by Year in descending order

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15  
papers

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times ranked

951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terphenylthiazole-based self-assembled monolayers on cobalt with high conductance photo-switching ratio for spintronics. <i>Nanoscale</i> , 2022, 14, 5725-5742.	2.8	2
2	Highly Ordered Boron Nitride/Epigraphene Epitaxial Films on Silicon Carbide by Lateral Epitaxial Deposition. <i>ACS Nano</i> , 2020, 14, 12962-12971.	7.3	14
3	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020, 7, 022001.	2.0	333
4	Non-Invasive Nanoscale Potentiometry and Ballistic Transport in Epigraphene Nanoribbons. <i>Nano Letters</i> , 2020, 20, 3786-3790.	4.5	6
5	Effect of a Nitrogen Doping and a Mechanical Stress on the Adsorption Capacity of Graphdiene. <i>Physics of the Solid State</i> , 2019, 61, 274-278.	0.2	1
6	Relative stabilities of various fully functionalized graphene polymorphs under mechanical strain and electric field. <i>Applied Surface Science</i> , 2019, 463, 1051-1057.	3.1	19
7	Molecular dynamics simulation of nickel-coated graphene bending. <i>Micro and Nano Letters</i> , 2018, 13, 160-164.	0.6	27
8	A bottom-up approach for controlled deformation of carbon nanotubes through blistering of supporting substrate surface. <i>Nanotechnology</i> , 2018, 29, 365304.	1.3	7
9	Chemisorption of hydrogen atoms and hydroxyl groups on stretched graphene: A coupled QM/QM study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 2686-2690.	0.9	32
10	Efficient cleaning of graphene from residual lithographic polymers by ozone treatment. <i>Carbon</i> , 2016, 109, 221-226.	5.4	24
11	Influence of methyl functional groups on the stability of cubane carbon cage. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 81, 1-6.	1.3	27
12	Thermal stability of hexaprismane C <sub>12</sub> H <sub>12</sub> and octaprismane C <sub>16</sub> H <sub>16</sub> . <i>Physics of the Solid State</i> , 2015, 57, 1023-1027.	0.2	18
13	Magnetotransport Subband Spectroscopy in InAs Nanowires. <i>Physical Review Letters</i> , 2014, 112, 076801.	2.9	16
14	Electronic coupling in fullerene-doped semiconducting carbon nanotubes probed by Raman spectroscopy and electronic transport. <i>Carbon</i> , 2013, 57, 498-506.	5.4	8
15	NMR Investigation of the local diamagnetic properties of carbon structures with multilayer nanotubes. <i>Low Temperature Physics</i> , 2009, 35, 123-129.	0.2	4