

# Anastasia V Tyurnina

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

623  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete steric exclusion of ions and proton transport through confined monolayer water. <i>Science</i> , 2019, 363, 145-148.	12.6	207
2	Broadband Light-Induced Absorbance Change in Multilayer Graphene. <i>Nano Letters</i> , 2011, 11, 1540-1545.	9.1	92
3	Ultrasonic exfoliation of graphene in water: A key parameter study. <i>Carbon</i> , 2020, 168, 737-747.	10.3	76
4	Infrared-to-violet tunable optical activity in atomic films of GaSe, InSe, and their heterostructures. <i>2D Materials</i> , 2018, 5, 041009.	4.4	52
5	New insights into sono-exfoliation mechanisms of graphite: In situ high-speed imaging studies and acoustic measurements. <i>Materials Today</i> , 2021, 49, 10-22.	14.2	36
6	CVD graphene recrystallization as a new route to tune graphene structure and properties. <i>Carbon</i> , 2016, 102, 499-505.	10.3	23
7	Anomalous moiré pattern of graphene investigated by scanning tunneling microscopy: Evidence of graphene growth on oxidized Cu(111). <i>Nano Research</i> , 2014, 7, 154-162.	10.4	20
8	Environment friendly dual-frequency ultrasonic exfoliation of few-layer graphene. <i>Carbon</i> , 2021, 185, 536-545.	10.3	20
9	Liquid phase growth of graphene on silicon carbide. <i>Carbon</i> , 2012, 50, 5076-5084.	10.3	18
10	Surface structure and field emission properties of few-layer graphene flakes. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2623-2626.	1.5	16
11	Topology peculiarities of graphite films of nanometer thickness. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 3010-3013.	1.5	12
12	Structural and charge transport characteristics of graphene layers obtained from CVD thin film and bulk graphite materials. <i>Carbon</i> , 2013, 52, 49-55.	10.3	12
13	Thermal purification of detonation diamond. <i>Journal of Surface Investigation</i> , 2010, 4, 458-463.	0.5	9
14	Thermal oxidation of detonation nanodiamond. <i>Moscow University Physics Bulletin (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10, Jf 50 222 T	0.4	7
15	Controllable gallium melt-assisted interfacial graphene growth on silicon carbide. <i>Diamond and Related Materials</i> , 2012, 24, 34-38.	3.9	7
16	Double resonant Raman scattering in nanographite films. <i>Journal of Experimental and Theoretical Physics</i> , 2008, 106, 569-574.	0.9	5
17	Structural peculiarities of carbon nanolayers prepared by deposition from a gaseous phase on Ni. <i>Physics of the Solid State</i> , 2009, 51, 1054-1059.	0.6	5
18	Structural features of quench products of melts in the chloride-carbonate-silicate systems revealed by vibrational and X-ray spectroscopy. <i>Petrology</i> , 2017, 25, 23-41.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Topology of nanometric graphite films. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 558-561.	1.1	1
20	Effect of substrate material on the structure of carbon films obtained by plasmachemical deposition. Technical Physics Letters, 2006, 32, 735-737.	0.7	0