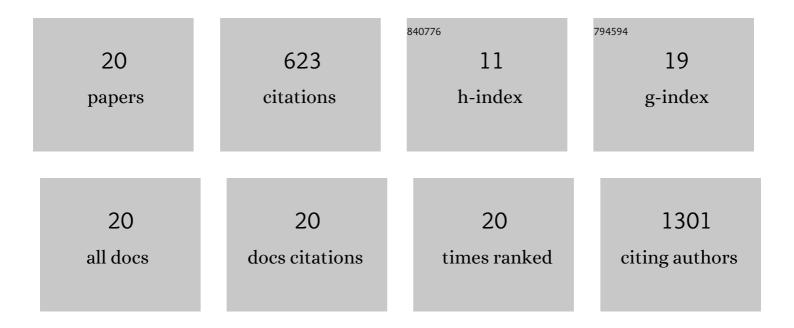
Anastasia V Tyurnina

List of Publications by Year in descending order

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ANASTASIA V TVIDNINA

#	Article	IF	CITATIONS
1	Complete steric exclusion of ions and proton transport through confined monolayer water. Science, 2019, 363, 145-148.	12.6	207
2	Broadband Light-Induced Absorbance Change in Multilayer Graphene. Nano Letters, 2011, 11, 1540-1545.	9.1	92
3	Ultrasonic exfoliation of graphene in water: A key parameter study. Carbon, 2020, 168, 737-747.	10.3	76
4	Infrared-to-violet tunable optical activity in atomic films of GaSe, InSe, and their heterostructures. 2D Materials, 2018, 5, 041009.	4.4	52
5	New insights into sono-exfoliation mechanisms of graphite: In situ high-speed imaging studies and acoustic measurements. Materials Today, 2021, 49, 10-22.	14.2	36
6	CVD graphene recrystallization as a new route to tune graphene structure and properties. Carbon, 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). Nano Research, 2014, 7, 154-162.	10.4	20
8	Environment friendly dual-frequency ultrasonic exfoliation of few-layer graphene. Carbon, 2021, 185, 536-545.	10.3	20
9	Liquid phase growth of graphene on silicon carbide. Carbon, 2012, 50, 5076-5084.	10.3	18
10	Surface structure and field emission properties of fewâ€layer graphene flakes. Physica Status Solidi (B): Basic Research, 2011, 248, 2623-2626.	1.5	16
11	Topology peculiarities of graphite films of nanometer thickness. Physica Status Solidi (B): Basic Research, 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. Carbon, 2013, 52, 49-55.	10.3	12
13	Thermal purification of detonation diamond. Journal of Surface Investigation, 2010, 4, 458-463.	0.5	9
14	Thermal oxidation of detonation nanodiamond. Moscow University Physics Bulletin (English) Tj ETQq0 0 0 rgBT	Overlock	10 Jf 50 222 ⁻
15	Controllable gallium melt-assisted interfacial graphene growth on silicon carbide. Diamond and Related Materials, 2012, 24, 34-38.	3.9	7
16	Double resonant Raman scattering in nanographite films. Journal of Experimental and Theoretical Physics, 2008, 106, 569-574.	0.9	5
17	Structural peculiarities of carbon nanolayers prepared by deposition from a gaseous phase on Ni. Physics of the Solid State, 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. Petrology, 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