Ivan Merenkov

List of Publications by Year
in descending order

11 papers	122 citations	1478505 6 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	157 citing authors

#	Article	IF	Citations
1	Hierarchical Hexagonal Boron Nitride Nanowall-Decorated Silicon Nanoparticles for Tunable Ink-Free Coloring. ACS Applied Nano Materials, 2022, 5, 6106-6114.	5.0	1
2	The physical origin of the activation barrier in Li-ion intercalation processes: the overestimated role of desolvation. Electrochimica Acta, 2021, 372, 137843.	5.2	24
3	Vertically aligned 2D carbon doped boron nitride nanofilms for photoelectrochemical water oxidation. Journal of Materials Chemistry A, 2020, 8, 13059-13064.	10.3	31
4	SiC_xN_y:Fe films as a tunable ferromagnetic material with tailored conductivity. Journal of Materials Chemistry C, 2019, 7, 4250-4258.	5.5	5
5	Orientation-controlled, low-temperature plasma growth and applications of h-BN nanosheets. Nano Research, 2019, 12, 91-99.	10.4	17
6	Boron nitride nanowalls: low-temperature plasma-enhanced chemical vapor deposition synthesis and optical properties. Nanotechnology, 2017, 28, 185602.	2.6	10
7	Thermal stability of UV light emitting boron nitride nanowalls. Materials and Design, 2017, 117, 239-247.	7.0	9
8	Novel single-source precursors for SiB_xC_yN_z film deposition. New Journal of Chemistry, 2017, 41, 11926-11933.	2.8	6
9	Vertically aligned layers of hexagonal boron nitride: PECVD synthesis from triethylaminoborane and structural features. Journal of Structural Chemistry, 2017, 58, 1018-1024.	1.0	4
10	X-ray photoelectron study of the effect of the composition of the initial gas phase on changes in the electronic structure of hexagonal boron nitride films obtained by PECVD from borazine. Journal of Structural Chemistry, 2016, 57, 670-678.	1.0	4
11	PECVD synthesis of hexagonal boron nitride nanowalls from a borazine + ammonia mixture. Inorganic Materials, 2015, 51, 1097-1103.	0.8	11