

Ivan Merenkov

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

122
citations

1478505

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1372567

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11
docs citations

11
times ranked

157
citing authors

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