

Mikhail Shevchenko

List of Publications by Year in descending order

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11
papers

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1684188
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docs citations

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88
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced deposition rate of polycrystalline CVD diamond at high microwave power densities. <i>Diamond and Related Materials</i> , 2019, 97, 107466.	3.9	22
2	Effect of Substrate Holder Design on Stress and Uniformity of Large-Area Polycrystalline Diamond Films Grown by Microwave Plasma-Assisted CVD. <i>Coatings</i> , 2020, 10, 939.	2.6	21
3	Diamond-germanium composite films grown by microwave plasma CVD. <i>Carbon</i> , 2022, 190, 10-21.	10.3	17
4	Growing c-axis oriented aluminum nitride films by Plasma-Enhanced Atomic Layer Deposition at low temperatures. <i>Journal of Crystal Growth</i> , 2016, 455, 157-160.	1.5	16
5	Diamond-Like Carbon Film Deposition Using DC Ion Source with Cold Hollow Cathode. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-6.	1.8	6
6	Growth of aluminum nitride films by plasma-enhanced atomic layer deposition. <i>Inorganic Materials</i> , 2015, 51, 728-735.	0.8	5
7	Epitaxial growth of 3C-SiC film by microwave plasma chemical vapor deposition in H ₂ -CH ₄ -SiH ₄ mixtures: Optical emission spectroscopy study. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, 023002.	2.1	5
8	Temperature stabilization of WC-Co cutting inserts with feedback to IR pyrometer upon growth of multilayer diamond coatings by microwave plasma chemical vapor deposition. <i>Materials Today: Proceedings</i> , 2021, 38, 1495-1501.	1.8	2
9	Synthesis and modeling of influence of precipitation conditions on growth speed, composition and structure of amorphous hydrogenised carbon films. , 2012, , .		0
10	Growth of heteroepitaxial aluminium nitride films on aluminium oxide substrates via PEALD method. , 2016, , .		0
11	Mathematical modeling of the autowave diffraction process in a cell with a magnetic fluid. <i>Journal of Physics: Conference Series</i> , 2018, 1141, 012058.	0.4	0