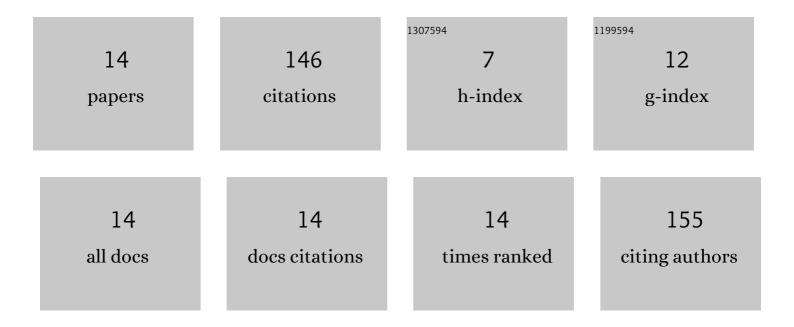
## Alexander Khrabry

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3762852/publications.pdf Version: 2024-02-01



ALEYANDED KHDARDY

#	Article	IF	CITATIONS
1	Investigation of the short argon arc with hot anode. I. Numerical simulations of non-equilibrium effects in the near-electrode regions. Physics of Plasmas, 2018, 25, .	1.9	37
2	Investigation of the short argon arc with hot anode. II. Analytical model. Physics of Plasmas, 2018, 25, 013522.	1.9	29
3	Synthesis of nanoparticles in carbon arc: measurements and modeling. MRS Communications, 2018, 8, 842-849.	1.8	21
4	Quantitative imaging of carbon dimer precursor for nanomaterial synthesis in the carbon arc. Plasma Sources Science and Technology, 2018, 27, 025008.	3.1	11
5	<i>In situ</i> diagnostics for nanomaterial synthesis in carbon arc plasma. Plasma Sources Science and Technology, 2018, 27, 084001.	3.1	11
6	Determining the gas composition for the growth of BNNTs using a thermodynamic approach. Physical Chemistry Chemical Physics, 2019, 21, 13268-13286.	2.8	8
7	Analytical model of low and high ablation regimes in carbon arcs. Journal of Applied Physics, 2020, 128, .	2.5	8
8	Validated two-dimensional modeling of short carbon arcs: Anode and cathode spots. Physics of Plasmas, 2020, 27, .	1.9	8
9	Modeling of deuterium and carbon radiation transport in MAST-U tokamak advanced divertors. Nuclear Fusion, 2022, 62, 066047.	3.5	4
10	Boron nitride nanotube precursor formation during high-temperature synthesis: kinetic and thermodynamic modelling. Nanotechnology, 2021, 32, 475604.	2.6	3
11	Effect of polarization forces on carbon deposition on a non-spherical nanoparticle. Monte Carlo simulations. Physics of Plasmas, 2018, 25, 023501.	1.9	2
12	Convenient analytical formula for cluster mean diameter and diameter dispersion after nucleation burst. Physical Review E, 2020, 102, 022116.	2.1	2
13	Modeling snowflake divertors in MAST-U Tokamak. Nuclear Fusion, 2022, 62, 016007.	3.5	2

14 Self-Consistent Numerical Simulation of Carbon Arc for Nanoparticle Synthesis. , 2017, , .

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