

Sergey A Novopashin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

129
citations

7
h-index

11
g-index

20
ext. papers

145
ext. citations

2.6
avg, IF

2.62
L-index

#	Paper	IF	Citations
18	Pt/CeO and Pt/CeSnO Catalysts for Low-Temperature CO Oxidation Prepared by Plasma-Arc Technique. <i>Frontiers in Chemistry</i> , 2019 , 7, 114	5	14
17	Tin-carbon nanomaterial formation in a helium atmosphere during arc-discharge.. <i>RSC Advances</i> , 2019 , 9, 36621-36630	3.7	4
16	Formation mechanism of MgO hollow nanospheres via calcination of C-MgO composite produced by electric arc spraying. <i>Ceramics International</i> , 2019 , 45, 7338-7343	5.1	7
15	INFLUENCE OF INTERFACIAL PHENOMENA ON VISCOSITY AND THERMAL CONDUCTIVITY OF NANOFLUIDS. <i>Interfacial Phenomena and Heat Transfer</i> , 2019 , 7, 151-165	1.1	3
14	Catalytic Pt-C Nanomaterial for Gas Diffusion Electrode: Arc-Discharge Synthesis and Improving of Electrical Conductivity Properties. <i>Key Engineering Materials</i> , 2017 , 729, 58-62	0.4	2
13	Electroconductive and magnetic properties of pure carbon soot produced in arc discharge: Regimes of various buffer gas pressure. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1700142	1.6	6
12	The synthesis of few-layered graphene by the arc discharge sputtering of a Si-C electrode. <i>Carbon</i> , 2017 , 112, 97-102	10.4	25
11	Effects of the arc-discharge parameters on the morphology and the electrical conductivity of the synthesized carbon materials. <i>Materials Today: Proceedings</i> , 2017 , 4, 11406-11410	1.4	3
10	Morphology, Chemical Composition, and Magnetic Properties of Arc Discharge Fe ₃ O ₄ Soot. <i>Springer Proceedings in Physics</i> , 2017 , 149-155	0.2	
9	Effect of the Kapitza temperature jump on thermal processes in nanofluids. <i>MATEC Web of Conferences</i> , 2016 , 84, 00026	0.3	
8	Morphology of aluminium oxide nanostructures after calcination of arc discharge Al ₂ O ₃ soot. <i>Ceramics International</i> , 2015 , 41, 8814-8819	5.1	21
7	Spherical Glow Discharge at Positive and Negative Potential on the Central Electrode. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 2604-2605	1.3	1
6	Synthesis of Hollow Nanoparticles $Al_{2}O_{3}$. <i>Advances in Nanoparticles</i> , 2013 , 02, 120-124	1.4	4
5	Two Types of Three-Dimensional Stratified Gas Discharge. <i>IEEE Transactions on Plasma Science</i> , 2011 , 39, 2548-2549	1.3	3
4	. <i>IEEE Transactions on Plasma Science</i> , 2008 , 36, 998-999	1.3	16
3	Molecule dependent turbulent memory. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 335, 435-438	2.3	7
2	Viscosity of H ₂ O ₂ Mixtures at (500, 800, and 1100) K. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 684-687	2.8	13

- 1 Self-generation of oscillatory motion of fluid in a pipe with longitudinal temperature gradient. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2003**, 315, 458-462 2.3