

Alexandr N Sokolov

List of Publications by Year in descending order

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24
papers

137
citations

1307366

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1199470

12
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24
all docs

24
docs citations

24
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Conductivity of Copper with the Addition of n- Layer Graphene. Journal of Superhard Materials, 2019, 41, 283-285.	0.5	2
2	Novel Wear-Resistant Superhard Diamond Composite Polycrystalline Material. Journal of Superhard Materials, 2018, 40, 1-7.	0.5	1
3	Dry mixing of diamond and n-layered graphene powders substantially different in density and particle size. High Pressure Research, 2018, 38, 53-61.	0.4	4
4	New Diamond-Based Superhard Materials. Production and Properties. Review. Journal of Superhard Materials, 2018, 40, 304-314.	0.5	1
5	Structure and Electrophysical Properties of the Diamondâ€“Graphenâ€“Silicon Carbide Composite. Journal of Superhard Materials, 2018, 40, 435-438.	0.5	1
6	Phase transformations of n-layer graphenes into diamond at high pressures and temperatures. Journal of Superhard Materials, 2017, 39, 75-82.	0.5	8
7	Hardness of single-crystal CVD diamond and phase transformations in it on indentation. Journal of Superhard Materials, 2014, 36, 297-302.	0.5	1
8	Structure and properties of impact diamonds from the Popigai Deposit and polycrystals based on them. Journal of Superhard Materials, 2014, 36, 156-164.	0.5	2
9	Influence of plastic deformation in processes of agglomeration of the diamond hybrid material on structure and hardness of CVD-diamond. Functional Materials, 2014, 21, 274-281.	0.4	0
10	Structure and physico-mechanical properties of CVD diamonds of various crystalline perfections in the hybridite material. Journal of Superhard Materials, 2013, 35, 83-92.	0.5	7
11	Diamond polycrystalline composite material with dispersion-hardened nickel-based additive. Journal of Superhard Materials, 2013, 35, 327-329.	0.5	4
12	Structure and hardness of octahedral natural diamond single crystals depending on the HPHT treatment conditions. Journal of Superhard Materials, 2012, 34, 166-172.	0.5	5
13	Special features of magnetoresistance in nanostructural diamond compacts. Journal of Superhard Materials, 2011, 33, 29-33.	0.5	2
14	Hardness of superhard polycrystalline materials and its temperature dependence. Journal of Superhard Materials, 2011, 33, 239-243.	0.5	0
15	Special features of self-organization of ultradispersed diamond at high pressures and temperatures. Journal of Superhard Materials, 2010, 32, 227-230.	0.5	1
16	Novel hybrid ultrahard material. Journal of Superhard Materials, 2010, 32, 293-300.	0.5	22
17	Chemical treatment of cubic boron nitride grinding powders to remove admixtures. Powder Metallurgy and Metal Ceramics, 2009, 48, 726-729.	0.4	0
18	Diamond synthesis from C60 fullerite using boron and titanium diboride. Inorganic Materials, 2009, 45, 1114-1120.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Special features of structural transformations of fullerite C60 at high pressures and temperatures. Journal of Superhard Materials, 2009, 31, 211-217.	0.5	2
20	Peculiarities of polymorphic transformations in YbTaO4 and crystal structure of its modifications. Journal of Alloys and Compounds, 2002, 346, 263-268.	2.8	19
21	Crystal structure of the high-pressure modification of LaNbO4. High Pressure Research, 2001, 21, 175-181.	0.4	9
22	High-pressure polymorph of LaNbO4. Inorganic Materials, 2000, 36, 625-628.	0.2	7
23	Crystal structure of the high-pressure modification of NdTaO4. Journal of Alloys and Compounds, 2000, 311, 252-255.	2.8	34
24	Composition of the surface layers of boron nitride particles according to data of x-ray photoelectron spectroscopy. Soviet Powder Metallurgy and Metal Ceramics (English Translation of) Tj ETQq0 0 0 rgBI /Overlock 10 Tf 5		