Lysenkov Anton

List of Publications by Citations

85 papers	361 citations	10 h-index	14 g-index
86 ext. papers	463 ext. citations	1.1 avg, IF	3.79 L-index

#	Paper	IF	Citations
85	Production of Ceramic Materials Based on SiC with Low-Melting Oxide Additives. *Glass and Ceramics (English Translation of Steklo I Keramika)*, **2019**, 75, 400-407	0.6	29
84	Hot-pressed ceramic SiC–YAG materials. *Inorganic Materials*, **2017**, 53, 220-225	0.9	28
83	Effect of Si additions on the microstructure and mechanical properties of hot-pressed B4C. *Inorganic Materials*, **2017**, 53, 376-380	0.9	24
82	Molding Features of Silicon Carbide Products by the Method of Hot Slip Casting. *Inorganic Materials: Applied Research*, **2018**, 9, 675-678	0.6	22
81	Microstructure and properties of silicon nitride ceramics with calcium aluminate additions. *Inorganic Materials*, **2010**, 46, 799-803	0.9	12
80	The effects of subsonic and supersonic dissociated air flow on the surface of ultra-high-temperature HfB2-30 vol% SiC ceramics obtained using the sol-gel method. *Journal of the European Ceramic Society*, **2020**, 40, 1093-1102	6	11
79	Composite material Si3N4/SiC with calcium aluminate additive. *Journal of Physics: Conference Series* , **2018**, 1134, 012036	0.3	11
78	Synthesis and luminescence properties of Eu2+- and Ce3+-doped AlONs. *Ceramics International*, **2016**, 42, 286-293	5.1	10
77	Synthesis and cathodoluminescence characteristics of europium-doped Ca-sialons. *Inorganic Materials*, **2012**, 48, 827-831	0.9	10
76	Reactive Hot Pressing of HfB2–SiC–Ta4HfC5 Ultra-High Temperature Ceramics. *Russian Journal of Inorganic Chemistry*, **2020**, 65, 446-457	1.5	10
75	Effect of dopant concentration on the phase composition and luminescence properties of Eu2+- and Ce3+-doped AlONs. *Inorganic Materials*, **2015**, 51, 473-481	0.9	9
74	Influence of WSi2 content and additions of magnesium alumosilicates on oxidation and strength properties of MoSi2-WSi2 composites. *Inorganic Materials: Applied Research*, **2013**, 4, 66-70	0.6	9
73	Materials based on boron carbide obtained by reaction sintering. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012074	0.4	9
72	Oxidation of Porous HfB2–SiC Ultra-High-Temperature Ceramic Materials Rich in Silicon Carbide (65 vol %) by a Supersonic Air Flow. *Russian Journal of Inorganic Chemistry*, **2020**, 65, 606-615	1.5	8
71	Si3N4/TiN composites produced from TiO2-Modified Si3N4 powders. *Inorganic Materials*, **2012**, 48, 897-902	0.9	8
70	Synthesis of aluminum oxynitride (AlON) and study of the properties of ceramics based on it. *Inorganic Materials: Applied Research*, **2016**, 7, 517-519	0.6	7
69	Effect of hot pressing temperature on the microstructure and strength of hydroxyapatite ceramic. *Inorganic Materials: Applied Research*, **2013**, 4, 362-367	0.6	6

68	Low-temperature oxidation of MoSi2–Si3N4 composites. *Inorganic Materials: Applied Research*, **2016**, 7, 624-629	0.6	6
67	Effect of the Surface Relief of HfB2-SiC Ceramic Materials on Their High-Temperature Oxidation. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 1681-1686	1.5	6
66	Properties of silicon carbide fibers obtained by silicification of carbon fabric with SiO vapours. *Ceramics International*, **2020**, 46, 18101-18105	5.1	5
65	Preparation of a SiC Fiber Textile Material. *Inorganic Materials*, **2018**, 54, 787-793	0.9	5
64	Hot-pressed Si3N4 ceramics containing CaO-Al2O3-AlN modifying additives. *Inorganic Materials*, **2012**, 48, 1158-1163	0.9	5
63	Activation Energy and Mechanism of the Molybdenum Disilicide Sintering Process. *Inorganic Materials*, **2018**, 54, 1113-1118	0.9	5
62	Sintering activation energy MoSi2-WSi2-Si3N4 ceramic. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012024	0.4	5
61	Silicon Carbide Liquid-Phase Sintering with Various Activating Agents. *Refractories and Industrial Ceramics*, **2019**, 59, 522-527	1.1	4
60	Radiation-Induced Effects in Ce3+- and Eu2+-Doped Al5O6N. *Inorganic Materials*, **2018**, 54, 446-453	0.9	4
59	Sol–Gel Synthesis of Oxonitridoaluminosilicates (SiAlON). *Russian Journal of Inorganic Chemistry*, **2020**, 65, 1820-1830	1.5	4
58	Behavior of Ultra-High Temperature Ceramic Material HfB2–SiC–Y3Al5O12 under the Influence of Supersonic Dissociated Air Flow. *Russian Journal of Inorganic Chemistry*, **2020**, 65, 1596-1605	1.5	4
57	Zol-gel synthesis of SiAlON materials dopped by rare-earth elements. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012084	0.4	4
56	Siliciding of carbon fabrics with gaseous SiO. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012059	0.4	4
55	Oxidation of HfB2-SiC-Ta4HfC5 ceramic material by a supersonic flow of dissociated air. *Journal of the European Ceramic Society*, **2021**, 41, 1088-1098	6	4
54	Construction ceramics from silicon nitride with calcium aluminates additives received by the sintering method in the SHS-reactor. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012040	0.4	4
53	Effect of Reaction Sintering Conditions on Properties of Ceramics Based on Alumina Oxynitride. *Inorganic Materials: Applied Research*, **2018**, 9, 599-602	0.6	3
52	Silicon carbide ceramics reinforced SiC fibers. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012085	0.4	3
51	Preparation of silicon carbide whiskers from silicon nitride. *Inorganic Materials*, **2009**, 45, 758-766	0.9	3

50	Synthesis and X-ray Diffraction Study of Aluminum Oxonitride Solid Solutions. *Russian Journal of Inorganic Chemistry*, **2020**, 65, 1320-1325	1.5	3
49	Silicon nitride ceramics with light-melting sintering additive in CaO-TiO2 system. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012080	0.4	3
48	Synthesis the composites Si3N4-TiN by hot pressing. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012083	0.4	3
47	Liquid-sintered SiC based materials with additive low oxide oxides. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012073	0.4	3
46	Features of the phase composition and morphology of the particles of sialon synthesized from silicon and aluminum nitrides. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012046	0.4	3
45	Synthesis and luminescence properties of Eu2+/Ce3+, Ce3+/Tb3+ and Eu2+/Tb3+ co-doped AlONs. *Journal of Alloys and Compounds*, **2021**, 887, 161410	5.7	3
44	Thermoluminescence of aluminum oxynitride doped with Ce3+ and Eu2+ ions **2017**,		2
43	Si3N4TiN Composites Produced by Hot-Pressing Silicon Nitride and Titanium Powders. *Inorganic Materials*, **2020**, 56, 309-313	0.9	2
42	Properties of composites SiC/SiCf obtained by hot pressing of SHS of silicon carbide powder. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012113	0.4	2
41	Production of Optically Transparent Shock-Resisting Ceramics by the Methods of Powder Metallurgy (Review). *Inorganic Materials: Applied Research*, **2019**, 10, 825-835	0.6	2
40	Nanofilaments of Si3N4. *Inorganic Materials*, **2009**, 45, 511-516	0.9	2
39	Ceramic made from SHS silicon nitride powder. *Glass and Ceramics (English Translation of Steklo I Keramika)*, **2007**, 64, 86-88	0.6	2
38	SiC-Fiber Reinforced Silicon Carbide-Based Ceramic Composite. *Inorganic Materials*, **2020**, 56, 987-992	0.9	2
37	Radioluminescent properties of Eu2+-doped aluminum oxynitride **2016**,		2
36	Rheological properties of MoSi2-NbSi2 powders obtained by SHS-method and solid-phase mixture. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012077	0.4	2
35	The sintering process difference of MoSi2, NbSi2 and (Mo1-x,Nbx)Si2 solid solution. *Journal of Physics: Conference Series*, **2018**, 1134, 012058	0.3	2
34	Preparation and mechanical properties of SiC-TiN composite. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012043	0.4	2
33	Effect of sintering methods and temperatures on porosity of the ceramics from aluminum oxinitride. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012030	0.4	2

32	Methods of Producing Ceramic on the Basis of Metal Nitrides (Review). *Glass and Ceramics (English Translation of Steklo I Keramika)*, **2019**, 76, 63-67	0.6	1
31	Physical and Mechanical Properties of Hot-Pressed Materials of the ZrB2□TaC□SiC System. *Refractories and Industrial Ceramics*, **2019**, 59, 514-521	1.1	1
30	Preparation and Properties of Reinforced Engineering Materials. *Refractories and Industrial Ceramics*, **2019**, 59, 534-544	1.1	1
29	21R-Sialon ceramics, obtained by hot pressing. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012052	0.4	1
28	Formation of Si3Al3O3N5 oxonitride from mixtures of xerogels and silicon and aluminum nitrides in the nitrogen atmosphere. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012112	0.4	1
27	Reactionary-solidified oxygen permeable membrane material based on cermet Bi1.6Er0.4O3 □26 wt % Ag □4 wt % In. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012019	0.4	1
26	Metal-Ceramic Composites Based on Iron Oxide for Low-Consumption Anode during Electrolytic Extraction of Aluminum. *Inorganic Materials: Applied Research*, **2018**, 9, 52-56	0.6	1
25	Microstructure and properties of SiC-whisker-reinforced Si3N4 ceramics with calcium aluminate additions. *Inorganic Materials*, **2010**, 46, 942-947	0.9	1
24	Hardness and fracture-toughness of hot-pressed LaB6-TiB2 ceramics. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012059	0.4	1
23	Sintering and physico-mechanical properties of materials based on silicon nitride nanoscale powders. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012068	0.4	1
22	Rheological properties of Si3N4 and Si3N4 with sintering additive CaO-Al2O3 powders. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012032	0.4	1
21	Composite ceramics based on silicon carbide with layered location of reinforcing SiC fibers. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012082	0.4	1
20	Rheological properties of MgAl2O4 obtained from preceramic organomagnesiumoxanealumoxanes. *Journal of Physics: Conference Series*, **2019**, 1347, 012062	0.3	1
19	Reinforced composite materials based on silicon carbide and silicon nitride. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012072	0.4	1
18	Synthesis and Luminescence Properties of Tb3+-Doped Aluminum Oxynitride. *Inorganic Materials*, **2019**, 55, 1223-1229	0.9	1
17	Luminescent properties of Eu2+ in AlON, SiAlON, Ca-SiAlON oxynitrides **2018**,		1
16	Influence of the Gas Atmosphere on the Formation of SiC Fibers upon the Siliconization of Carbon Felt. *Russian Journal of Inorganic Chemistry*, **2021**, 66, 1191-1195	1.5	1
15	Synthesis of C/SiC core-shell fibers through siliconization of carbon fibers with SiO gas in semi-closed reactor. *Ceramics International*, **2021**, 47, 22587-22593	5.1	1

14	Preparation and Properties of Ceramics Based on Tantalum Caride Modified by SiO Gas. *Refractories and Industrial Ceramics*, **2021**, 61, 649-654	1.1	0
13	Effect of the Addition of Sm2O3 on the Sintering of MgAl2O4 from a Preceramic Al,Mg Oligomer. *Russian Journal of Inorganic Chemistry*, **2021**, 66, 1141-1147	1.5	0
12	Properties of Hot Compressed 21R SiAlON Ceramics with a Samarium Oxide Additive. *Russian Journal of Inorganic Chemistry*, **2021**, 66, 1196-1202	1.5	0
11	Oxidation of graphene-modified HfB2-SiC ceramics by supersonic dissociated air flow. *Journal of the European Ceramic Society*, **2021**, 42, 30-30	6	0
10	Combined Synthesis of Heterogeneous Powders in CaB6–TiB2 System. *Refractories and Industrial Ceramics*, **2019**, 59, 528-533	1.1	
9	Preparation of Silicon Nitride and Oxonitride by Gas-Phase Pyrolysis of Hexamethyldisilazane. *Inorganic Materials: Applied Research*, **2020**, 11, 488-494	0.6	
8	Temperature dependence of the fracture strength of composite corundum materials reinforced with Ni and NiAl particles. *Inorganic Materials: Applied Research*, **2014**, 5, 382-385	0.6	
7	Ceramic Composite Membranes Based on Bi3Ru3O11–Bi1.6Er0.4O3 for Obtaining of Oxygen. *Inorganic Materials: Applied Research*, **2021**, 12, 1326-1331	0.6	
6	Rheological properties of Y3Al5O12 powder obtained by preceramic organoyttroxanealumoxanes. *IOP Conference Series: Materials Science and Engineering*, **2020**, 848, 012090	0.4	
5	Strengthening of composite materials of the fluorohydroxyapatite–zirconia system by titanium nitride. *Doklady Chemistry*, **2016**, 471, 343-345	0.8	
4	Preparation of fine-grained ceramics by hot-pressing of Ce0.09Zr0.91O2/MgO/Al2O3 nanopowder. *Inorganic Materials*, **2016**, 52, 400-404	0.9	
3	The study of ceramic materials system SiC-YAG. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012070	0.4	
2	Physical and chemical properties of composite (Mo1-xNbx)Si2. *Journal of Physics: Conference Series*, **2019**, 1347, 012053	0.3	
1	Ceramics based on zirconium dioxide stabilized with indium oxide and praseodymium oxide. *IOP Conference Series: Materials Science and Engineering*, **2018**, 347, 012027	0.4	