

Elena I Istomina

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of (Ti,Zr,Hf,Nb,Ta)C high-entropy carbide ceramics through carbosilicothermic reduction of oxides. Journal of the European Ceramic Society, 2021, 41, 6934-6942.	2.8	15
2	The effect of layer thickness on adsorption and catalytic activity of sandwich-like ceramics. Journal of the American Ceramic Society, 2020, 103, 5999-6011.	1.9	1
3	Properties of silicon carbide fibers obtained by silicification of carbon fabric with SiO vapours. Ceramics International, 2020, 46, 18101-18105.	2.3	10
4	Fabrication of Ti ₃ SiC ₂ /SiC multiport minichannel plates for high-temperature applications. Journal of the European Ceramic Society, 2019, 39, 4602-4608.	2.8	12
5	Fabrication of Ti ₃ SiC ₂ -Ti ₄ SiC ₃ -SiC ceramic composites through carbosilicothermic reduction of TiO ₂ . International Journal of Applied Ceramic Technology, 2019, 16, 746-752.	1.1	10
6	Encapsulated drug system based on the gels obtained from callus cultures modified pectins. Journal of Biotechnology, 2019, 289, 7-14.	1.9	17
7	Li- and Mg-codoped bismuth niobate pyrochlores: Synthesis, structure, electrical properties. Solid State Ionics, 2019, 332, 34-40.	1.3	11
8	Silicidation of Tantalum Carbide and Zirconium Carbide Powders in a Gaseous SiO Environment. Inorganic Materials, 2018, 54, 779-786.	0.2	3
9	Preparation of a SiC Fiber Textile Material. Inorganic Materials, 2018, 54, 787-793.	0.2	6
10	Optimization of the Carbosilicothermic Synthesis of the Ti ₄ SiC ₃ MAX Phase. Inorganic Materials, 2018, 54, 528-536.	0.2	12
11	Fabrication of Ti ₃ SiC ₂ and Ti ₄ SiC ₃ MAX phase ceramics through reduction of TiO ₂ with SiC. Ceramics International, 2017, 43, 16128-16135.	2.3	17
12	Biosorbents based on esterified starch carrying immobilized oil-degrading microorganisms. Journal of Biotechnology, 2017, 260, 31-37.	1.9	11
13	Preparation of Ti ₃ SiC ₂ through reduction of titanium dioxide with silicon carbide. Inorganic Materials, 2016, 52, 134-140.	0.2	15
14	Synthesis of a Bulk Ti ₄ SiC ₃ MAX Phase by Reduction of TiO ₂ with SiC. Inorganic Chemistry, 2016, 55, 11050-11056.	1.9	21
15	Effect of chemical modification conditions on the sintering behavior of TiC powders. Inorganic Materials, 2016, 52, 669-676.	0.2	3
16	Effect of silicidation pretreatment with gaseous SiO on sinterability of TiC powders. International Journal of Refractory Metals and Hard Materials, 2016, 57, 12-18.	1.7	11
17	Injectable hydrogel from plum pectin as a barrier for prevention of postoperative adhesion. Journal of Bioactive and Compatible Polymers, 2016, 31, 481-497.	0.8	10
18	Adsorption of β -glucuronidase and estrogens on pectin/lignin hydrogel particles. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 433-441.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Effect of Carbohydrates on the Composition and Gel-Forming Properties of <i>Silene vulgaris</i> Callus Pectins. <i>Chemistry of Natural Compounds</i> , 2015, 51, 409-414.	0.2	0
20	Siliconization of titanium oxycarbides by silicon monoxide. <i>Russian Journal of Inorganic Chemistry</i> , 2013, 58, 624-630.	0.3	3
21	Preparation of biomorphic SiC. <i>Inorganic Materials</i> , 2013, 49, 984-987.	0.2	16
22	Siliciding of titanium carbides with gaseous SiO. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 1058-1063.	0.3	13
23	Structural, Optical, Luminescence, and Electrical Properties of Eu/Li- and Eu/Na-Codoped Magnesium Bismuth Niobate Pyrochlores. <i>Inorganic Chemistry</i> , 0, , .	1.9	6