Aleksei Utkin

List of Publications by Year
in descending order

21	286	1163117 8	888059 17
papers	citations	h-index	g-index

21	21	21	257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkali resistance, microstructural and mechanical performance of zirconia-coated basalt fibers. Cement and Concrete Research, 2013, 53, 1-8.	11.0	104
2	Corrosion of uncoated and oxide-coated basalt fibre in different alkaline media. Corrosion Science, 2016, 102, 503-509.	6.6	52
3	The peculiarities in oxidation behavior of the ZrB2-SiC ceramics with chromium additive. International Journal of Refractory Metals and Hard Materials, 2019, 84, 105023.	3.8	15
4	Multiple zirconia interphase for SiC/SiCf composites. Surface and Coatings Technology, 2011, 205, 2724-2729.	4.8	14
5	Effect of chromium additive on sintering and oxidation behavior of HfB2-SiC ceramics. Ceramics International, 2018, 44, 12451-12457.	4.8	11
6	High temperature behavior of zirconium germanates. Journal of Solid State Chemistry, 2013, 201, 256-261.	2.9	9
7	Detonation Spraying of Hydroxyapatite on a Titanium Alloy Implant. Materials, 2021, 14, 4852.	2.9	9
8	Microstructure of TaC coatings on carbon fibers. Inorganic Materials, 2011, 47, 728-732.	0.8	8
9	Alkali-resistant coating for basalt fibers. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 689-692.	1.1	8
10	Hot press assisted synthesis and thermophysical properties of iridium intermetallic compounds. Thermochimica Acta, 2020, 689, 178641.	2.7	8
11	The design of zirconium and hafnium germanate interphase in SiC f /SiC composites. Ceramics International, 2017, 43, 4166-4174.	4.8	7
12	Phase analysis of the ZrO2-GeO2 system. Inorganic Materials, 2012, 48, 601-606.	0.8	6
13	Composition and microstructure of zirconium and hafnium germanates obtained by different chemical routes. Journal of Solid State Chemistry, 2014, 209, 89-96.	2.9	6
14	Hardness of promising intermetallics obtained by the solid-state reaction of refractory carbides with iridium. Ceramics International, 2019, 45, 2684-2688.	4.8	6
15	Zirconium and hafnium germanate-based thin films on SiC fibers. Inorganic Materials, 2015, 51, 1054-1059.	0.8	5
16	New hard ternary Hfâ€“Irâ€“B borides formed by reaction hafnium diboride with iridium. Journal of the American Ceramic Society, 2022, 105, 2323-2333.	3.8	5
17	Hydrothermal synthesis of a nanostructured TiO2-based material in the presence of chitosan. Inorganic Materials, 2012, 48, 821-826.	0.8	4
18	The formation of disordered intermetallic phase during the solid-state interaction of WC with Ir. Journal of Alloys and Compounds, 2019, 775, 503-510.	5.5	4

#	Article	IF	Citations
19	Preparation and characterization of multilayered ZrO2 coatings on silicon carbide fibers for SiC/SiC composites. Inorganic Materials, 2011, 47, 1066-1071.	0.8	3
20	Synthesis of zirconium and hafnium germanates from mechanically activated oxides. Ceramics International, 2015, 41, 7963-7970.	4.8	2
21	Mechanism of solid-state reaction between iridium and tantalum. Materials Today: Proceedings, 2020, 25, 363-366.	1.8	0