

Aleksei Utkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8478243/publications.pdf>

Version: 2024-02-01

21
papers

286
citations

1163117

8
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	New hard ternary Hf-Ir-B borides formed by reaction hafnium diboride with iridium. <i>Journal of the American Ceramic Society</i> , 2022, 105, 2323-2333.	3.8	5
2	Detonation Spraying of Hydroxyapatite on a Titanium Alloy Implant. <i>Materials</i> , 2021, 14, 4852.	2.9	9
3	Hot press assisted synthesis and thermophysical properties of iridium intermetallic compounds. <i>Thermochimica Acta</i> , 2020, 689, 178641.	2.7	8
4	Mechanism of solid-state reaction between iridium and tantalum. <i>Materials Today: Proceedings</i> , 2020, 25, 363-366.	1.8	0
5	The peculiarities in oxidation behavior of the ZrB ₂ -SiC ceramics with chromium additive. <i>International Journal of Refractory Metals and Hard Materials</i> , 2019, 84, 105023.	3.8	15
6	Hardness of promising intermetallics obtained by the solid-state reaction of refractory carbides with iridium. <i>Ceramics International</i> , 2019, 45, 2684-2688.	4.8	6
7	The formation of disordered intermetallic phase during the solid-state interaction of WC with Ir. <i>Journal of Alloys and Compounds</i> , 2019, 775, 503-510.	5.5	4
8	Effect of chromium additive on sintering and oxidation behavior of HfB ₂ -SiC ceramics. <i>Ceramics International</i> , 2018, 44, 12451-12457.	4.8	11
9	The design of zirconium and hafnium germanate interphase in SiC f /SiC composites. <i>Ceramics International</i> , 2017, 43, 4166-4174.	4.8	7
10	Corrosion of uncoated and oxide-coated basalt fibre in different alkaline media. <i>Corrosion Science</i> , 2016, 102, 503-509.	6.6	52
11	Synthesis of zirconium and hafnium germanates from mechanically activated oxides. <i>Ceramics International</i> , 2015, 41, 7963-7970.	4.8	2
12	Zirconium and hafnium germanate-based thin films on SiC fibers. <i>Inorganic Materials</i> , 2015, 51, 1054-1059.	0.8	5
13	Composition and microstructure of zirconium and hafnium germanates obtained by different chemical routes. <i>Journal of Solid State Chemistry</i> , 2014, 209, 89-96.	2.9	6
14	Alkali resistance, microstructural and mechanical performance of zirconia-coated basalt fibers. <i>Cement and Concrete Research</i> , 2013, 53, 1-8.	11.0	104
15	High temperature behavior of zirconium germanates. <i>Journal of Solid State Chemistry</i> , 2013, 201, 256-261.	2.9	9
16	Alkali-resistant coating for basalt fibers. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013, 49, 689-692.	1.1	8
17	Phase analysis of the ZrO ₂ -GeO ₂ system. <i>Inorganic Materials</i> , 2012, 48, 601-606.	0.8	6
18	Hydrothermal synthesis of a nanostructured TiO ₂ -based material in the presence of chitosan. <i>Inorganic Materials</i> , 2012, 48, 821-826.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Microstructure of TaC coatings on carbon fibers. <i>Inorganic Materials</i> , 2011, 47, 728-732.	0.8	8
20	Preparation and characterization of multilayered ZrO ₂ coatings on silicon carbide fibers for SiC/SiC composites. <i>Inorganic Materials</i> , 2011, 47, 1066-1071.	0.8	3
21	Multiple zirconia interphase for SiC/SiCf composites. <i>Surface and Coatings Technology</i> , 2011, 205, 2724-2729.	4.8	14