Sergey Gutnikov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1632242/publications.pdf

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23	526	840776 11	642732 23
papers	citations	h-index	g-index

23	23	23	387
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High alkali-resistant basalt fiber for reinforcing concrete. Materials & Design, 2015, 73, 60-66.	5.1	113
2	Effect of the reduction treatment on the basalt continuous fiber crystallization properties. Journal of Non-Crystalline Solids, 2013, 368, 45-50.	3.1	60
3	Effect of silane/nano-silica on the mechanical properties of basalt fiber reinforced epoxy composites. Composite Interfaces, 2017, 24, 13-34.	2.3	57
4	Influence of alumina on the properties of continuous basalt fibers. Russian Journal of Inorganic Chemistry, 2009, 54, 191-196.	1.3	42
5	Effect of ZrO2 on the alkali resistance and mechanical properties of basalt fibers. Inorganic Materials, 2012, 48, 751-756.	0.8	35
6	Crystallization mechanism of basalt glass fibers in air. Mendeleev Communications, 2013, 23, 361-363.	1.6	30
7	Basaltic glass fibers with advanced mechanical properties. Journal of Non-Crystalline Solids, 2017, 476, 144-150.	3.1	30
8	Effect of iron oxides on the fabrication and properties of continuous glass fibers. Inorganic Materials, 2008, 44, 1026-1030.	0.8	27
9	Crystallization of zirconia doped basalt fibers. Thermochimica Acta, 2014, 575, 238-243.	2.7	19
10	Effect of deferrization on continuous basalt fiber properties. Mendeleev Communications, 2015, 25, 386-388.	1.6	18
11	Effects of Ion Exchange on the Mechanical Properties ofÂBasaltic Glass Fibers. International Journal of Applied Glass Science, 2016, 7, 118-127.	2.0	14
12	Production of Fibres from Lunar Soil: Feasibility, Applicability and Future Perspectives. Advanced Fiber Materials, 2022, 4, 923-937.	16.1	12
13	Correlation of Phase Composition, Structure, and Mechanical Properties of Natural Basalt Continuous Fibers. Natural Resources Research, 2021, 30, 1105-1119.	4.7	11
14	Correlation of the chemical composition, structure and mechanical properties of basalt continuous fibers. AIMS Materials Science, 2019, 6, 806-832.	1.4	11
15	Thulium(III) trifluoroacetates Tm(CF3COO)3 Â· 3H2O and Tm2(CF3COO)6 Â· 2CF3COOH Â· 3H2O: Synthesis and crystal structure. Russian Journal of Inorganic Chemistry, 2006, 51, 541-548.	1.3	8
16	Zr-rich basalt continuous fibers with increased alkali resistant properties. Construction and Building Materials, 2021, 288, 123089.	7.2	8
17	What happens to glass fiber under extreme chemical conditions?. Journal of Non-Crystalline Solids, 2020, 548, 120331.	3.1	7
18	Bis(dimethylammonium) terephthalate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2491-o2492.	0.2	6

#	Article	IF	Citations
19	Crystallization and Thermal Stability of the P-Doped Basaltic Glass Fibers. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	5
20	Morphologies and mechanical properties of basalt fibre processed at elevated temperature. Journal of Non-Crystalline Solids, 2022, 582, 121439.	3.1	5
21	trans-Bis(ethylenediamine)bis(trifluoroacetato)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m658-m659.	0.2	3
22	Effect of Nozzle Diameter on Basalt Continuous Fiber Properties. Fibers, 2019, 7, 65.	4.0	3
23	Influence of vibration on basalt fiber crystallization at high temperature. Journal of Non-Crystalline Solids, 2018, 501, 71-77.	3.1	2