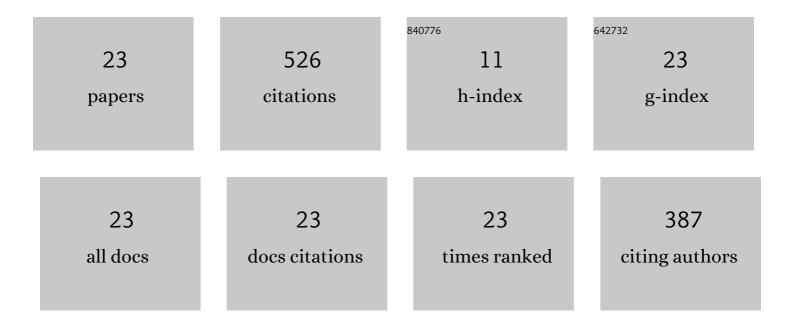
## Sergey Gutnikov

List of Publications by Year in descending order

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SERCEY CUTNIKOV

| #  | 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.<br>Composite Interfaces, 2017, 24, 13-34.                                  | 2.3  | 57        |
| 4  | Influence of alumina on the properties of continuous basalt fibers. Russian Journal of Inorganic<br>Chemistry, 2009, 54, 191-196.   | 1.3  | 42        |
| 5  | Effect of ZrO2 on the alkali resistance and mechanical properties of basalt fibers. Inorganic<br>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<br>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<br>Applied Glass Science, 2016, 7, 118-127.                               | 2.0  | 14        |
| 12 | Production of Fibres from Lunar Soil: Feasibility, Applicability and Future Perspectives. Advanced Fiber<br>Materials, 2022, 4, 923-937.  | 16.1 | 12        |
| 13 | Correlation of Phase Composition, Structure, and Mechanical Properties of Natural Basalt<br>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 · 3H2O and Tm2(CF3COO)6 · 2CF3COOH · 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/Ove<br>2.0 | rlogk 10 Tf 5 |
| 20 | Morphologies and mechanical properties of basalt fibre processed at elevated temperature. Journal of<br>Non-Crystalline Solids, 2022, 582, 121439. | 3.1             | 5             |
| 21 | trans-Bis(ethylenediamine)bis(trifluoroacetato)copper(II). Acta Crystallographica Section E:<br>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<br>Solids, 2018, 501, 71-77.                | 3.1             | 2             |