

Mostafa Ahmadzadeh

List of Publications by Year in descending order

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13
papers

217
citations

1163117

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1125743

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all docs

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docs citations

13
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of non-framework cation mixing on the structure and crystallization behavior of model high-level waste glasses. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3967-3985.	3.8	3
2	Reproduction of melting behavior for vitrified hillforts based on amphibolite, granite, and basalt lithologies. <i>Scientific Reports</i> , 2021, 11, 1272.	3.3	9
3	<i>In situ</i> crystallization and magnetic measurement of hexaferrite glass-ceramics. <i>AIP Advances</i> , 2021, 11, .	1.3	1
4	A comparative study on the effect of Zr, Sn, and Ti on the crystallization behavior of nepheline glass. <i>Journal of Non-Crystalline Solids</i> , 2021, 569, 120970.	3.1	1
5	Structure of NaFeSiO ₄ , NaFeSi ₂ O ₆ , and NaFeSi ₃ O ₈ glasses and glass-ceramics. <i>American Mineralogist</i> , 2020, 105, 1375-1384.	1.9	10
6	Crystallization behavior of iron- and boron-containing nepheline (Na ₂ O·Al ₂ O ₃ ·2SiO ₂) based model high-level nuclear waste glasses. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1101-1121.	3.8	28
7	Synthesis of greigite (Fe ₃ S ₄) particles via a hydrothermal method. <i>AIP Advances</i> , 2019, 9, .	1.3	17
8	Ultrafast Fabrication of Thermoelectric Films by Pulsed Light Sintering of Colloidal Nanoparticles on Flexible and Rigid Substrates. <i>Advanced Engineering Materials</i> , 2019, 21, 1800800.	3.5	26
9	Multiphase magnetic systems: Measurement and simulation. <i>Journal of Applied Physics</i> , 2018, 123, 023902.	2.5	6
10	Magnetic analysis of commercial hematite, magnetite, and their mixtures. <i>AIP Advances</i> , 2018, 8, .	1.3	69
11	Structure and properties of Na ₅ FeSi ₄ O ₁₂ crystallized from 5Na ₂ O·Fe ₂ O ₃ ·8SiO ₂ glass. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1595-1602.	0.5	6
12	Crystallization of iron-containing sodium aluminosilicate glasses in the NaAlSi ₄ O ₈ ·NaFeSi ₄ join. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2504-2524.	3.4	33
13	Effect of Li, Fe, and B Addition on the Crystallization Behavior of Sodium Aluminosilicate Glasses as Analogues for Hanford High Level Waste Glasses. <i>MRS Advances</i> , 2017, 2, 549-555.	0.9	8