

Mostafa Ahmadzadeh

List of Publications by Year in descending order

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papers

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13
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic analysis of commercial hematite, magnetite, and their mixtures. AIP Advances, 2018, 8, .	1.3	69
2	Crystallization of iron-containing sodium aluminosilicate glasses in the $\text{NaAlSiO}_4\text{-NaFeSiO}_4$ join. Journal of Geophysical Research: Solid Earth, 2017, 122, 2504-2524.	3.4	33
3	Crystallization behavior of iron- and boron-containing nepheline ($\text{Na}_2\text{O}\cdot\text{Al}_2\text{O}_3\cdot 2\text{SiO}_2$) based model high-level nuclear waste glasses. Journal of the American Ceramic Society, 2019, 102, 1101-1121.	3.8	28
4	Ultrafast Fabrication of Thermoelectric Films by Pulsed Light Sintering of Colloidal Nanoparticles on Flexible and Rigid Substrates. Advanced Engineering Materials, 2019, 21, 1800800.	3.5	26
5	Synthesis of greigite (Fe_3S_4) particles via a hydrothermal method. AIP Advances, 2019, 9, .	1.3	17
6	Structure of NaFeSiO_4 , $\text{NaFeSi}_2\text{O}_6$, and $\text{NaFeSi}_3\text{O}_8$ glasses and glass-ceramics. American Mineralogist, 2020, 105, 1375-1384.	1.9	10
7	Reproduction of melting behavior for vitrified hillforts based on amphibolite, granite, and basalt lithologies. Scientific Reports, 2021, 11, 1272.	3.3	9
8	Effect of Li, Fe, and B Addition on the Crystallization Behavior of Sodium Aluminosilicate Glasses as Analogues for Hanford High Level Waste Glasses. MRS Advances, 2017, 2, 549-555.	0.9	8
9	Multiphase magnetic systems: Measurement and simulation. Journal of Applied Physics, 2018, 123, 023902.	2.5	6
10	Structure and properties of $\text{Na}_5\text{FeSi}_4\text{O}_{12}$ crystallized from $5\text{Na}_2\text{O}\cdot\text{Fe}_2\text{O}_3\cdot 8\text{SiO}_2$ glass. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1595-1602.	0.5	6
11	Impact of non-framework cation mixing on the structure and crystallization behavior of model high-level waste glasses. Journal of the American Ceramic Society, 2022, 105, 3967-3985.	3.8	3
12	<i>In situ</i> crystallization and magnetic measurement of hexaferrite glass-ceramics. AIP Advances, 2021, 11, .	1.3	1
13	A comparative study on the effect of Zr, Sn, and Ti on the crystallization behavior of nepheline glass. Journal of Non-Crystalline Solids, 2021, 569, 120970.	3.1	1