

Mohamed Ruwaid Rafiuddin

List of Publications by Year in descending order

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papers

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1307594

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174
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and structural investigation of churchite-type REPO ₄ ·2H ₂ O (RE = Y, Gd, Dy) nanocrystals. Journal of Solid State Chemistry, 2022, 311, 123150.	2.9	4
2	Structural and magnetic properties of churchite-type REPO ₄ ·2H ₂ O materials. Journal of Solid State Chemistry, 2022, 312, 123261.	2.9	2
3	Effect of Annealing on Structural and Thermodynamic Properties of ThSiO ₄ -ErPO ₄ Xenotime Solid Solution. Inorganic Chemistry, 2021, 60, 12020-12028.	4.0	2
4	Molecular dynamics simulation of ballistic effects in mesoporous silica. Journal of Non-Crystalline Solids, 2020, 549, 120346.	3.1	2
5	An in-situ electron microscopy study of dual ion-beam irradiated xenotime-type ErPO ₄ . Journal of Nuclear Materials, 2020, 539, 152265.	2.7	11
6	Soft Hydrothermal Synthesis of Hafnon, HfSiO ₄ . Crystal Growth and Design, 2020, 20, 1820-1828.	3.0	11
7	Synthesis, Crystal Structure, and Enthalpies of Formation of Churchite-type REPO ₄ ·2H ₂ O (RE = Gd to Lu) Materials. Crystal Growth and Design, 2019, 19, 4641-4649.	3.0	20
8	An investigation of the chemical durability of hydrous and anhydrous rare-earth phosphates. Journal of Nuclear Materials, 2018, 509, 631-643.	2.7	12
9	A Structural Investigation of Hydrous and Anhydrous Rare-Earth Phosphates. Inorganic Chemistry, 2016, 55, 9685-9695.	4.0	37
10	Probing the effect of radiation damage on the structure of rare-earth phosphates. Journal of Alloys and Compounds, 2015, 653, 279-289.	5.5	27
11	X-ray Spectroscopic Study of the Electronic Structure of Monazite- and Xenotime-Type Rare-Earth Phosphates. Journal of Physical Chemistry C, 2014, 118, 18000-18009.	3.1	32