

# Mohamed Ruwaid Rafiuddin

## List of Publications by Year in descending order

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11  
papers

161  
citations

1307594

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h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

174  
citing authors

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