

Ivan A Trussov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Misconception of Mg ²⁺ Insertion into Prussian Blue Analogue Structures from Aqueous Solution. <i>ChemSusChem</i> , 2021, 14, 1574-1585.	6.8	22
2	Understanding the complex structural features and phase changes in Na ₂ Mg ₂ (SO ₄) ₃ : A combined single crystal and variable temperature powder diffraction and Raman spectroscopy study. <i>Journal of Solid State Chemistry</i> , 2019, 272, 157-165.	2.9	12
3	Exploring the Role of Crystal Water in Potassium Manganese Hexacyanoferrate as a Cathode Material for Potassium-Ion Batteries. <i>Crystals</i> , 2021, 11, 895.	2.2	12
4	Hydroxyl Defects in LiFePO ₄ Cathode Material: DFT+U and an Experimental Study. <i>Inorganic Chemistry</i> , 2021, 60, 5497-5506.	4.0	11
5	Synthesis and structures of sodium containing K _{2-x} Na _x Mg ₂ (SO ₄) ₃ langbeinite phases. <i>Journal of Solid State Chemistry</i> , 2019, 276, 37-46.	2.9	7
6	Carbonate: an alternative dopant to stabilize new perovskite phases; synthesis and structure of Ba ₃ Yb ₂ O ₅ CO ₃ and related isostructural phases Ba ₃ Ln ₂ O ₅ CO ₃ (Ln = Y, Dy, Ho, Er, Tm and Lu). <i>Dalton Transactions</i> , 2018, 47, 12901-12906.	3.3	6
7	Synthesis, structure and electrochemical performance of Eldfellite, NaFe(SO ₄) ₂ , doped with SeO ₄ , HPO ₄ and PO ₃ F. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121395.	2.9	6
8	Mechanism of Carbon Dioxide and Water Incorporation in Ba ₂ TiO ₄ : A Joint Computational and Experimental Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1061-1069.	3.1	4
9	Electrode materials for reversible sodium ions de/intercalation. , 2022, , .		1