

Aamir I Waidha

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

213
citations

1040018

9
h-index

1199563

12
g-index

13
all docs

13
docs citations

13
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Recycling of LLZO Solid Electrolyte Exemplarily Performed on LFP/LLZO/LTO Cells**. ChemistryOpen, 2022, 11, e202100274.	1.9	11
2	Thermal depolarization and electromechanical hardening in Zn ²⁺ -doped Na _{1/2} Bi _{1/2} TiO ₃ BaTiO ₃ . Journal of the American Ceramic Society, 2021, 104, 2201-2212.	3.8	24
3	Structural, Magnetic and Catalytic Properties of a New Vacancy Ordered Perovskite Type Barium Cobaltate BaCoO _{2.67} . Chemistry - A European Journal, 2021, 27, 9763-9767.	3.3	6
4	Compositional Dependence of Li-Ion Conductivity in Garnet-Rich Composite Electrolytes for All-Solid-State Lithium-Ion Batteries—Toward Understanding the Drawbacks of Ceramic-Rich Composites. ACS Applied Materials & Interfaces, 2021, 13, 31111-31128.	8.0	17
5	PEO Infiltration of Porous Garnet-Type Lithium-Conducting Solid Electrolyte Thin Films. Ceramics, 2021, 4, 421-436.	2.6	7
6	Reversible Tuning of Magnetization in a Ferromagnetic Ruddlesden–Popper Type Manganite by Electrochemical Fluoride Ion Intercalation. Advanced Electronic Materials, 2020, 6, 1900974.	5.1	29
7	Synthesis of bifunctional BaFe _{1-x} Co _x O _{3-y} (OH) _y catalysts for the oxygen reduction reaction and oxygen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 616-625.	10.3	16
8	Compositionally driven relaxor to ferroelectric crossover in (1-x)Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (x)Na _{0.5} /s	5.5	26
9	BaCoO _{2+δ} : a new highly oxygen deficient perovskite-related phase with unusual Co coordination obtained by high temperature reaction with short reaction times. Chemical Communications, 2019, 55, 2920-2923.	4.1	3
10	Synthesis, structure and electrical conductivity of a new perovskite type barium cobaltate BaCoO _{1.80} (OH) _{0.86} . Dalton Transactions, 2018, 47, 11136-11145.	3.3	10
11	Topochemical Fluorination of La ₂ NiO _{4+d} : Unprecedented Ordering of Oxide and Fluoride Ions in La ₂ NiO _{3F2} . Inorganic Chemistry, 2018, 57, 6549-6560.	4.0	30
12	Investigations of optical, structural and antibacterial properties of Al–Cr dual-doped ZnO nanostructures. Journal of Alloys and Compounds, 2014, 606, 164-170.	5.5	34