

Quazi Arif Islam

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

318
citations

933447

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19
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimetallic nanoparticle decorated perovskite oxide for state-of-the-art trifunctional electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19453-19464.	10.3	68
2	Surface Charge Modulation of Perovskite Oxides at the Crystalline Junction with Layered Double Hydroxide for a Durable Rechargeable Zinc-Air Battery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35853-35862.	8.0	40
3	Layered double hydroxide photocatalysts for solar fuel production. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1944-1975.	14.0	36
4	Study of electrical conductivity of Ca-substituted La ₂ Zr ₂ O ₇ . <i>Materials Research Bulletin</i> , 2013, 48, 3103-3107.	5.2	25
5	2D Heterojunction Between Double Perovskite Oxide Nanosheet and Layered Double Hydroxide to Promote Rechargeable Zinc-Air Battery Performance. <i>ChemElectroChem</i> , 2020, 7, 5005-5012.	3.4	19
6	Nanoparticle exsolution in perovskite oxide and its sustainable electrochemical energy systems. <i>Journal of Power Sources</i> , 2021, 492, 229626.	7.8	17
7	Semiconductor-ionic properties and device performance of heterogeneous La-doped CeO ₂ -ZnO nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9968-9975.	7.1	15
8	Electrical properties of Tb-doped barium cerate. <i>Ceramics International</i> , 2013, 39, 6433-6440.	4.8	14
9	An electrochemically reversible lattice with redox active A-sites of double perovskite oxide nanosheets to reinforce oxygen electrocatalysis. <i>Chemical Science</i> , 2020, 11, 10180-10189.	7.4	14
10	Performance analysis of LiAl _{0.5} Co _{0.5} O ₂ nanosheets for intermediate-temperature fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26478-26488.	7.1	12
11	Zr- and Tb-doped barium cerate-based cermet membrane for hydrogen separation application. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1360-1367.	3.8	11
12	Electrophoretic Deposition Kinetics and Characterization of Ni _{1-x} La _{1.95-x} Ca _{0.05-x} Zr _{2-x} O _{7-δ} Particulate Thin Films. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2937-2946.	3.8	10
13	LaxSr _{1-x} Co _{0.35} Bi _{0.45} O _{3-δ} (x=0.5 to 0.8): A new series of oxygen separation membrane. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4682-4689.	7.1	9
14	The Perfect Imperfections in Electrocatalysts. <i>Chemical Record</i> , 2022, 22, .	5.8	9
15	Oxygen separation membrane derived from aquatic weed: A novel bio-inspired approach to synthesize BaBi _{0.2} Co _{0.35} Fe _{0.45} O _{3-δ} perovskite from water hyacinth (<i>Eichhornia crassipes</i>). <i>Journal of Membrane Science</i> , 2017, 522, 168-174.	8.2	5
16	Synthesis of BaBi _{0.2} Co _{0.35} Fe _{0.45} O _{3-δ} by a novel aqueous soft chemical method and its characterizations. <i>Journal of Alloys and Compounds</i> , 2014, 583, 7-14.	5.5	4
17	Low temperature synthesis of nanocrystalline scandia-stabilized zirconia by aqueous combustion method and its characterizations. <i>Bulletin of Materials Science</i> , 2015, 38, 1473-1478.	1.7	4
18	Chemical Stability and Electrical Conductivity of Ba _{0.8} Ce _{0.85-x} Zr _x Tb _{0.15} O _{3-δ} Proton Conductors with ZnO as Sintering Aid. <i>Transactions of the Indian Ceramic Society</i> , 2016, 75, 25-32.	1.0	3

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19	Filter paper derived cross-linked interconnected BaBi _{0.2} Co _{0.35} Fe _{0.45} O ₃ morphology with an enhanced oxygen permeation property. RSC Advances, 2016, 6, 882-890.	3.6	3