

# Quazi Arif Islam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/508972/publications.pdf>

Version: 2024-02-01

19  
papers

318  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Perfect Imperfections in Electrocatalysts. <i>Chemical Record</i> , 2022, 22, .	5.8	9
2	Semiconductor-ionic properties and device performance of heterogeneous La-doped CeO <sub>2</sub> -ZnO nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9968-9975.	7.1	15
3	Nanoparticle exsolution in perovskite oxide and its sustainable electrochemical energy systems. <i>Journal of Power Sources</i> , 2021, 492, 229626.	7.8	17
4	Performance analysis of LiAl <sub>0.5</sub> Co <sub>0.5</sub> O <sub>2</sub> nanosheets for intermediate-temperature fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26478-26488.	7.1	12
5	Layered double hydroxide photocatalysts for solar fuel production. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1944-1975.	14.0	36
6	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
7	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
8	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
9	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 &amp; Interfaces</i> , 2019, 11, 35853-35862.	8.0	40
10	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
11	Oxygen separation membrane derived from aquatic weed: A novel bio-inspired approach to synthesize BaBi <sub>0.2</sub> Co <sub>0.35</sub> Fe <sub>0.45</sub> O <sub>3-<math>\delta</math></sub> perovskite from water hyacinth ( <i>Eichhornia crassipes</i> ). <i>Journal of Membrane Science</i> , 2017, 522, 168-174.	8.2	5
12	Electrophoretic Deposition Kinetics and Characterization of Ni-La <sub>1.95</sub> Ca <sub>0.05</sub> Zr <sub>2</sub> O <sub>7</sub> Particulate Thin Films. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2937-2946.	3.8	10
13	Chemical Stability and Electrical Conductivity of Ba <sub>0.8</sub> Ce <sub>0.85-x</sub> Zr <sub>x</sub> Tb <sub>0.15</sub> O <sub>3-<math>\delta</math></sub> Proton Conductors with ZnO as Sintering Aid. <i>Transactions of the Indian Ceramic Society</i> , 2016, 75, 25-32.	1.0	3
14	Filter paper derived cross-linked interconnected BaBi <sub>0.2</sub> Co <sub>0.35</sub> Fe <sub>0.45</sub> O <sub>3-<math>\delta</math></sub> morphology with an enhanced oxygen permeation property. <i>RSC Advances</i> , 2016, 6, 882-890.	3.6	3
15	La <sub>x</sub> Sr <sub>1-x</sub> Co <sub>0.35</sub> Bi <sub>0.2</sub> Fe <sub>0.45</sub> O <sub>3-<math>\delta</math></sub> (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
16	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
17	Synthesis of BaBi <sub>0.2</sub> Co <sub>0.35</sub> Fe <sub>0.45</sub> O <sub>3-<math>\delta</math></sub> by a novel aqueous soft chemical method and its characterizations. <i>Journal of Alloys and Compounds</i> , 2014, 583, 7-14.	5.5	4
18	Study of electrical conductivity of Ca-substituted La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> . <i>Materials Research Bulletin</i> , 2013, 48, 3103-3107.	5.2	25

#	ARTICLE	IF	CITATIONS
19	Electrical properties of Tb-doped barium cerate. <i>Ceramics International</i> , 2013, 39, 6433-6440.	4.8	14