

# Nabeela Akbar

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

180  
citations

1307594

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#	ARTICLE	IF	CITATIONS
1	Advanced fuel cell based on semiconductor perovskite $\text{La}_{0.8}\text{Ba}_{0.2}\text{Zr}_{0.3}\text{Y}_{0.7}\text{O}_{3-\delta}$ as an electrolyte material operating at low temperature $550\text{--}600^\circ\text{C}$ . International Journal of Hydrogen Energy, 2020, 45, 27501-27509.	7.1	38
2	Electrochemical Properties of a Co-Doped $\text{SrSnO}_{3-\delta}$ -Based Semiconductor as an Electrolyte for Solid Oxide Fuel Cells. ACS Applied Energy Materials, 2020, 3, 6323-6333.	5.1	38
3	Developing cuprospinel $\text{CuFe}_2\text{O}_4$ - $\text{ZnO}$ semiconductor heterostructure as a proton conducting electrolyte for advanced fuel cells. International Journal of Hydrogen Energy, 2021, 46, 9927-9937.	7.1	33
4	Nanoparticle exsolution in perovskite oxide and its sustainable electrochemical energy systems. Journal of Power Sources, 2021, 492, 229626.	7.8	17
5	Tuning tin-based perovskite as an electrolyte for semiconductor protonic fuel cells. International Journal of Hydrogen Energy, 2022, 47, 5531-5540.	7.1	16
6	Performance analysis of $\text{LiAl}_{0.5}\text{Co}_{0.5}\text{O}_2$ nanosheets for intermediate-temperature fuel cells. International Journal of Hydrogen Energy, 2021, 46, 26478-26488.	7.1	12
7	Lithium zirconate coated $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ as a high-performance electrode material for advanced fuel cells. Ceramics International, 2022, 48, 17076-17085.	4.8	12
8	Tuning an ionic-electronic mixed conductor $\text{NdBa}_{0.5}\text{Sr}_{0.5}\text{Co}_{1.5}\text{Fe}_{0.5}\text{O}_{5-\delta}$ for electrolyte functions of advanced fuel cells. International Journal of Hydrogen Energy, 2021, 46, 9847-9854.	7.1	7
9	Electrical properties of Ni-doped $\text{Sm}_2\text{O}_3$ electrolyte. International Journal of Hydrogen Energy, 2021, 46, 9758-9766.	7.1	7