Muhammad Saqib

List of Publications by Year
in descending order

13	257	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transition from perovskite to misfit-layered structure materials: a highly oxygen deficient and stable oxygen electrode catalyst. Energy and Environmental Science, 2021, 14, 2472-2484.	30.8	53
2	Activity of layered swedenborgite structured Y_{0.8}Er_{0.2}BaCo_{3.2}Ga_{0.8}O_{7+Î´} for oxygen electrode reactions in at intermediate temperature reversible ceramic cells. Journal of Materials Chemistry A, 2021, 9, 607-621.	10.3	36
3	Modification of Oxygen-Ionic Transport Barrier of BaCo_{0.4}Zr_{0.1}Fe_{0.4}Y_{0.1}O_{3Â}Steam (Air) Electrode by Impregnating Samarium-Doped Ceria Nanoparticles for Proton-Conducting Reversible Solid Oxide Cells. Journal of the Electrochemical Society, 2019, 166, F746-F754.	2.9	35
4	Triple perovskite structured Nd1.5Ba1.5CoFeMnO9â^' oxygen electrode materials for highly efficient and stable reversible protonic ceramic cells. Journal of Power Sources, 2021, 510, 230409.	7.8	24
5	Degradation studies of ceria-based solid oxide fuel cells at intermediate temperature under various load conditions. Journal of Power Sources, 2020, 452, 227758.	7.8	20
6	Cobalt-free perovskite Ba1-xNdxFeO3-Î´ air electrode materials for reversible solid oxide cells. Ceramics International, 2021, 47, 7985-7993.	4.8	20
7	Degradation Mechanisms of Solid Oxide Fuel Cells under Various Thermal Cycling Conditions. ACS Applied Materials & Interfaces, 2021, 13, 49868-49878.	8.0	17
8	Operation Protocols To Improve Durability of Protonic Ceramic Fuel Cells. ACS Applied Materials & Interfaces, 2019, 11, 457-468.	8.0	14
9	Degradation of Anode-Supported Solid Oxide Fuel Cells under Load Trip and Cycle Conditions and Their Degradation Prevention Operating Logic. Journal of the Electrochemical Society, 2018, 165, F728-F735.	2.9	12
10	A New Highâ€Performance Protonâ€Conducting Electrolyte for Nextâ€Generation Solid Oxide Fuel Cells. Energy Technology, 2020, 8, 2000486.	3.8	12
11	Ceramic fuel cells using novel proton-conducting BaCe0.5Zr0.3Y0.1Yb0.05Zn0.05O3-Î´ electrolyte. Journal of Solid State Electrochemistry, 2022, 26, 111-120.	2.5	6
12	Stable ceria-based electrolytes for intermediate temperature-solid oxide fuel cells via hafnium oxide blocking layer. Journal of Alloys and Compounds, 2019, 779, 121-128.	5.5	5
13	BaCo0.4Fe0.4Zr0.2O3-Î´ Cathode Materials for Protonic Ceramic Fuel Cells. ECS Transactions, 2019, 91, 1503-1507.	0.5	3