Xinxin Wang

List of Publications by Year
in descending order

10 papers	301 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	246 citing authors

#	Article	IF	Citations
1	Charge-Transfer Modeling and Polarization DRT Analysis of Proton Ceramics Fuel Cells Based on Mixed Conductive Electrolyte with the Modified Anodeâ€“Electrolyte Interface. ACS Applied Materials & Interfaces, 2018, 10, 35047-35059.	8.0	100
2	New two-layer Ruddlesdenâ€”Popper cathode materials for protonic ceramics fuel cells. Journal of Advanced Ceramics, 2021, 10, 1052-1060.	17.4	65
3	Review of experimental and modelling developments for ceria-based solid oxide fuel cells free from internal short circuits. Journal of Materials Science, 2020, 55, 1-23.	3.7	56
4	Experimental and numerical studies of a bifunctional proton conducting anode of ceria-based SOFCs free from internal shorting and carbon deposition. Electrochimica Acta, 2018, 264, 109-118.	5.2	25
5	Numerical modeling of ceria-based SOFCs with bi-layer electrolyte free from internal short circuit: Comparison of two cell configurations. Electrochimica Acta, 2017, 248, 356-367.	5.2	22
6	Numerical Study on the Electron-Blocking Mechanism of Ceria-Related Composite Electrolytes Considering Mixed Conductivities of Free Electron, Oxygen Ion, and Proton. ACS Applied Energy Materials, 2019, 2, 3142-3150.	5.1	9
7	Modulating Reaction Pathways on Perovskite Cobaltite Nanofibers through Excessive Surface Oxygen Defects for Efficient Water Oxidation. Energy & Fuels, 2021, 35, 13967-13974.	5.1	7
8	Novel dual-phase symmetrical electrode materials for protonic ceramic fuel cells. Journal of Materials Science, 2021, 56, 19651-19662.	3.7	7
9	Numerical modeling of ethanol-fueled solid oxide fuel cells with a Ni-BaZr0.1Ce0.7 Y0.1Yb0.1O3â€“Î´ external reformer. Ionics, 2020, 26, 4587-4598.	2.4	6
10	NumericalÂstudyÂonÂcharge transport and electrochemical performance of Gd and Pr co-doped ceria-based solid oxide fuel cells free from internal shorting. Ionics, 2022, 28, 3445-3452.	2.4	4