Qi Wang

List of Publications by Year
in descending order

18 papers	572 citations	840776 11 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	521 citing authors

#	Article	IF	Citations
1	Applications and recent advances of rare earth in solid oxide fuel cells. Journal of Rare Earths, 2022, 40, 1668-1681.	4.8	35
2	Synergistic effects of B/S co-doped spongy-like hierarchically porous carbon for a high performance zinc-ion hybrid capacitor. Nanoscale, 2022, 14, 2004-2012.	5.6	21
3	Bariumâ€doped Sr₂Fe_{1.5}Mo_{0.5}O_{6â€}<i>_{Î´}</i> perovskite anode materials for protonic ceramic fuel cells for ethane conversion. Journal of the American Ceramic Society, 2022, 105, 3613-3624.	3.8	9
4	Mechanical properties of reinforced porcelain slabs with mullite whiskers introduced by aluminum silicate fiber. Ceramics International, 2022, 48, 18909-18917.	4.8	6
5	Efficient bifunctional electrocatalysts for solid oxide cells based on the structural evolution of perovskites with abundant defects and exsolved CoFe nanoparticles. Journal of Power Sources, 2021, 482, 228981.	7.8	36
6	In situ facile fabrication of Ni(OH)2 nanosheet arrays for electrocatalytic co-production of formate and hydrogen from methanol in alkaline solution. Applied Catalysis B: Environmental, 2021, 281, 119510.	20.2	154
7	Preparation of a CeO2â€"ZrO2 based nano-composite with enhanced thermal stability by a novel chelating precipitation method. Ceramics International, 2021, 47, 33057-33063.	4.8	8
8	Pr₂BaNiMnO_{7â^'Î´} double-layered Ruddlesdenâ€"Popper perovskite oxides as efficient cathode electrocatalysts for low temperature proton conducting solid oxide fuel cells. Journal of Materials Chemistry A, 2020, 8, 7704-7712.	10.3	84
9	Rational design of an in-situ co-assembly nanocomposite cathode La0.5Sr1.5MnO4+Î´-La0.5Sr0.5MnO3-Î´ for lower-temperature proton-conducting solid oxide fuel cells. Journal of Power Sources, 2020, 466, 228240.	7.8	31
10	One-step synthesis of CuCo2O4-Sm0.2Ce0.8O1.9 nanofibers as high performance composite cathodes of intermediate-temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2020, 45, 12577-12582.	7.1	11
11	Structural remodeling of Ni-based anodes for solid oxide fuel cells via static magnetic field. Scripta Materialia, 2020, 182, 86-89.	5.2	0
12	Ca-containing Ba0Â·95Ca0Â·05Co0Â·4Fe0Â·4Zr0Â·1Y0Â·1O3-Î´ cathode with high CO2-poisoning tolerance for proton-conducting solid oxide fuel cells. Journal of Power Sources, 2020, 453, 227909.	7.8	35
13	Î³-MnO2 nanorod-assembled hierarchical micro-spheres with oxygen vacancies to enhance electrocatalytic performance toward the oxygen reduction reaction for aluminum-air batteries. Journal of Energy Chemistry, 2020, 51, 81-89.	12.9	45
14	The effect of precipitation pH on thermal stability and structure of Ce 0.35 Zr 0.55 (LaPr) 0.1 O 2 oxides prepared by co-precipitation method. Journal of Alloys and Compounds, 2017, 712, 431-436.	5.5	13
15	The effect of hydrogen peroxide on properties of Ce 0.35 Zr 0.55 La 0.055 Pr 0.045 O 2 oxides and the catalytic performance used on Pd supported three-way catalyst. Journal of Rare Earths, 2017, 35, 1092-1101.	4.8	9
16	Structure and properties of cerium zirconium mixed oxide prepared under different precipitate aging processes. Journal of Rare Earths, 2016, 34, 695-703.	4.8	14
17	Copper cobalt spinel as a high performance cathode for intermediate temperature solid oxide fuel cells. Chemical Communications, 2016, 52, 8615-8618.	4.1	56
18	Effects of precipitate aging time on the cerium-zirconium composite oxides. Journal of Rare Earths, 2014, 32, 1010-1015.	4.8	5