

Qi Wang

List of Publications by Year in descending order

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18
papers

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840776

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docs citations

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times ranked

521
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | In situ facile fabrication of Ni(OH) ₂ nanosheet arrays for electrocatalytic co-production of formate and hydrogen from methanol in alkaline solution. <i>Applied Catalysis B: Environmental</i> , 2021, 281, 119510. | 20.2 | 154 |
| 2 | Pr ₂ BaNiMnO ₇ double-layered Ruddlesden-Popper perovskite oxides as efficient cathode electrocatalysts for low temperature proton conducting solid oxide fuel cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7704-7712. | 10.3 | 84 |
| 3 | Copper cobalt spinel as a high performance cathode for intermediate temperature solid oxide fuel cells. <i>Chemical Communications</i> , 2016, 52, 8615-8618. | 4.1 | 56 |
| 4 | Î ³ -MnO ₂ nanorod-assembled hierarchical micro-spheres with oxygen vacancies to enhance electrocatalytic performance toward the oxygen reduction reaction for aluminum-air batteries. <i>Journal of Energy Chemistry</i> , 2020, 51, 81-89. | 12.9 | 45 |
| 5 | Efficient bifunctional electrocatalysts for solid oxide cells based on the structural evolution of perovskites with abundant defects and exsolved CoFe nanoparticles. <i>Journal of Power Sources</i> , 2021, 482, 228981. | 7.8 | 36 |
| 6 | Ca-containing Ba _{0.95} Ca _{0.05} Co _{0.4} Fe _{0.4} Zr _{0.1} Y _{0.1} O _{3-Î} cathode with high CO ₂ -poisoning tolerance for proton-conducting solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020, 453, 227909. | 7.8 | 35 |
| 7 | Applications and recent advances of rare earth in solid oxide fuel cells. <i>Journal of Rare Earths</i> , 2022, 40, 1668-1681. | 4.8 | 35 |
| 8 | Rational design of an in-situ co-assembly nanocomposite cathode La _{0.5} Sr _{1.5} MnO ₄ +Î-La _{0.5} Sr _{0.5} MnO _{3-Î} for lower-temperature proton-conducting solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020, 466, 228240. | 7.8 | 31 |
| 9 | Synergistic effects of B/S co-doped spongy-like hierarchically porous carbon for a high performance zinc-ion hybrid capacitor. <i>Nanoscale</i> , 2022, 14, 2004-2012. | 5.6 | 21 |
| 10 | Structure and properties of cerium zirconium mixed oxide prepared under different precipitate aging processes. <i>Journal of Rare Earths</i> , 2016, 34, 695-703. | 4.8 | 14 |
| 11 | 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. <i>Journal of Alloys and Compounds</i> , 2017, 712, 431-436. | 5.5 | 13 |
| 12 | One-step synthesis of CuCo ₂ O ₄ -Sm _{0.2} Ce _{0.8} O _{1.9} nanofibers as high performance composite cathodes of intermediate-temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 12577-12582. | 7.1 | 11 |
| 13 | 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. <i>Journal of Rare Earths</i> , 2017, 35, 1092-1101. | 4.8 | 9 |
| 14 | Barium-doped Sr ₂ Fe _{1.5} Mo _{0.5} O ₆ perovskite anode materials for protonic ceramic fuel cells for ethane conversion. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3613-3624. | 3.8 | 9 |
| 15 | Preparation of a CeO ₂ -ZrO ₂ based nano-composite with enhanced thermal stability by a novel chelating precipitation method. <i>Ceramics International</i> , 2021, 47, 33057-33063. | 4.8 | 8 |
| 16 | Mechanical properties of reinforced porcelain slabs with mullite whiskers introduced by aluminum silicate fiber. <i>Ceramics International</i> , 2022, 48, 18909-18917. | 4.8 | 6 |
| 17 | Effects of precipitate aging time on the cerium-zirconium composite oxides. <i>Journal of Rare Earths</i> , 2014, 32, 1010-1015. | 4.8 | 5 |
| 18 | Structural remodeling of Ni-based anodes for solid oxide fuel cells via static magnetic field. <i>Scripta Materialia</i> , 2020, 182, 86-89. | 5.2 | 0 |