Wenjuan Bian

List of Publications by Year
in descending order

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11 papers	507 citations	1040056 9 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	290 citing authors

#	Article	IF	Citations
1	Self-sustainable protonic ceramic electrochemical cells using a triple conducting electrode for hydrogen and power production. Nature Communications, 2020, 11, 1907.	12.8	227
2	Revitalizing interface in protonic ceramic cells by acid etch. Nature, 2022, 604, 479-485.	27.8	132
3	Understanding of A-site deficiency in layered perovskites: promotion of dual reaction kinetics for water oxidation and oxygen reduction in protonic ceramic electrochemical cells. Journal of Materials Chemistry A, 2020, 8, 14600-14608.	10.3	48
4	Regulation of Cathode Mass and Charge Transfer by Structural 3D Engineering for Protonic Ceramic Fuel Cell at 400ÂÂ°C. Advanced Functional Materials, 2021, 31, 2102907.	14.9	21
5	Carbon Nanotube Supported Amorphous MoS ₂ via Microwave Heating Synthesis for Enhanced Performance of Hydrogen Evolution Reaction. Energy Material Advances, 2021, 2021, .	11.0	20
6	Electrochemically Engineered, Highly Energy-Efficient Conversion of Ethane to Ethylene and Hydrogen below 550 Â°C in a Protonic Ceramic Electrochemical Cell. ACS Catalysis, 2021, 11, 12194-12202.	11.2	17
7	An Unbalanced Battle in Excellence: Revealing Effect of Ni/Co Occupancy on Water Splitting and Oxygen Reduction Reactions in Tripleâ€Conducting Oxides for Protonic Ceramic Electrochemical Cells. Small, 2022, 18, .	10.0	16
8	Dual 3D Ceramic Textile Electrodes: Fast Kinetics for Carbon Oxidation Reaction and Oxygen Reduction Reaction in Direct Carbon Fuel Cells at Reduced Temperatures. Advanced Functional Materials, 2020, 30, 1910096.	14.9	14
9	Exploring the structural uniformity and integrity of protonic ceramic thin film electrolyte using wet powder spraying. Journal of Power Sources Advances, 2021, 11, 100067.	5.1	10
10	Regulation of Cathode Mass and Charge Transfer by Structural 3D Engineering for Protonic Ceramic Fuel Cell at 400ÂÂ°C (Adv. Funct. Mater. 33/2021). Advanced Functional Materials, 2021, 31, 2170244.	14.9	2
11	Direct Carbon Fuel Cells: Dual 3D Ceramic Textile Electrodes: Fast Kinetics for Carbon Oxidation Reaction and Oxygen Reduction Reaction in Direct Carbon Fuel Cells at Reduced Temperatures (Adv.) Tj ETQq1 1 0.784314 rgBT /Ove	1	0