

Wenjuan Bian

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

507
citations

1040056

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1372567

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11
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Revitalizing interface in protonic ceramic cells by acid etch. <i>Nature</i> , 2022, 604, 479-485.	27.8	132
2	An Unbalanced Battle in Excellence: Revealing Effect of Ni/Co Occupancy on Water Splitting and Oxygen Reduction Reactions in Triple-Conducting Oxides for Protonic Ceramic Electrochemical Cells. <i>Small</i> , 2022, 18, .	10.0	16
3	Carbon Nanotube Supported Amorphous MoS ₂ via Microwave Heating Synthesis for Enhanced Performance of Hydrogen Evolution Reaction. <i>Energy Material Advances</i> , 2021, 2021, .	11.0	20
4	Regulation of Cathode Mass and Charge Transfer by Structural 3D Engineering for Protonic Ceramic Fuel Cell at 400°C. <i>Advanced Functional Materials</i> , 2021, 31, 2102907.	14.9	21
5	Regulation of Cathode Mass and Charge Transfer by Structural 3D Engineering for Protonic Ceramic Fuel Cell at 400°C (Adv. Funct. Mater. 33/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170244.	14.9	2
6	Electrochemically Engineered, Highly Energy-Efficient Conversion of Ethane to Ethylene and Hydrogen below 550 °C in a Protonic Ceramic Electrochemical Cell. <i>ACS Catalysis</i> , 2021, 11, 12194-12202.	11.2	17
7	Exploring the structural uniformity and integrity of protonic ceramic thin film electrolyte using wet powder spraying. <i>Journal of Power Sources Advances</i> , 2021, 11, 100067.	5.1	10
8	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.) <i>Tj ETQq0 0 0 1g5 / Overlock 10 Tf</i>	14.9	14
9	Dual 3D Ceramic Textile Electrodes: Fast Kinetics for Carbon Oxidation Reaction and Oxygen Reduction Reaction in Direct Carbon Fuel Cells at Reduced Temperatures. <i>Advanced Functional Materials</i> , 2020, 30, 1910096.	14.9	14
10	Understanding of A-site deficiency in layered perovskites: promotion of dual reaction kinetics for water oxidation and oxygen reduction in protonic ceramic electrochemical cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14600-14608.	10.3	48
11	Self-sustainable protonic ceramic electrochemical cells using a triple conducting electrode for hydrogen and power production. <i>Nature Communications</i> , 2020, 11, 1907.	12.8	227