

# Hangyue Li

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

319  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical performance and stability of lanthanum strontium cobalt ferrite oxygen electrode with gadolinia doped ceria barrier layer for reversible solid oxide fuel cell. <i>Journal of Power Sources</i> , 2014, 268, 634-639.	7.8	73
2	Electrochemical characteristics and carbon tolerance of solid oxide fuel cells with direct internal dry reforming of methane. <i>Applied Energy</i> , 2018, 228, 556-567.	10.1	61
3	Electrochemical properties and thermal neutral state of solid oxide fuel cells with direct internal reforming of methane. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 12151-12162.	7.1	41
4	Performance degradation of solid oxide fuel cells analyzed by evolution of electrode processes under polarization. <i>Journal of Power Sources</i> , 2021, 485, 229237.	7.8	26
5	Quantifying the performance evolution of solid oxide fuel cells during initial aging process. <i>Journal of Power Sources</i> , 2021, 510, 230432.	7.8	25
6	Performance and stability analysis of SOFC containing thin and dense gadolinium-doped ceria interlayer sintered at low temperature. <i>Journal of Materiomics</i> , 2022, 8, 347-357.	5.7	20
7	Different performance and mechanisms of CO <sub>2</sub> electrolysis with CO and H <sub>2</sub> as protective gases in solid oxide electrolysis cell. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 18606-18618.	7.1	19
8	Robust and fast estimation of equivalent circuit model from noisy electrochemical impedance spectra. <i>Electrochimica Acta</i> , 2022, 422, 140474.	5.2	13
9	A practical approach for identifying various polarization behaviors of redox-stable electrodes in symmetrical solid oxide fuel cells. <i>Electrochimica Acta</i> , 2021, 384, 138340.	5.2	12
10	Performance evolution analysis of a solid oxide cell operated in fuel-cell, electrolysis and cycle modes. <i>Energy Conversion and Management</i> , 2022, 262, 115657.	9.2	12
11	Performance degradation analysis of solid oxide fuel cells using dynamic electrochemical impedance spectroscopy. <i>Journal of Power Sources</i> , 2022, 538, 231569.	7.8	9
12	Distribution of Relaxation Time Analysis of the Initial Performance Degradation on Ni-YSZ Anode Support Cells. <i>ECS Transactions</i> , 2019, 91, 791-799.	0.5	6
13	Evolution of Electrochemical Characteristics of Solid Oxide Fuel Cells During Initial-Stage Operation. <i>Acta Chimica Sinica</i> , 2021, 79, 763.	1.4	2