

# Lin Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10002762/publications.pdf>

Version: 2024-02-01

9  
papers

870  
citations

1478505

6  
h-index

1474206

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g-index

9  
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docs citations

9  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	A shorted membrane electrochemical cell powered by hydrogen to remove CO <sub>2</sub> from the air feed of hydroxide exchange membrane fuel cells. Nature Energy, 2022, 7, 238-247.	39.5	24
2	Understanding the Ebalance for water management in hydroxide exchange membrane fuel cells. Journal of Power Sources, 2022, 536, 231514.	7.8	6
3	Hydrogen-powered Electrochemically-driven CO <sub>2</sub> Removal from Air Containing 400 to 5000 ppm CO <sub>2</sub> . Journal of the Electrochemical Society, 2022, 169, 073503.	2.9	1
4	Demonstration of Electrochemically-Driven CO <sub>2</sub> Separation Using Hydroxide Exchange Membranes. Journal of the Electrochemical Society, 2021, 168, 014501.	2.9	10
5	A highly-active, stable and low-cost platinum-free anode catalyst based on RuNi for hydroxide exchange membrane fuel cells. Nature Communications, 2020, 11, 5651.	12.8	142
6	Editorsâ€™ Choiceâ€™”Uncovering the Role of Alkaline Pretreatment for Hydroxide Exchange Membrane Fuel Cells. Journal of the Electrochemical Society, 2020, 167, 144506.	2.9	5
7	High-Performance Hydroxide Exchange Membrane Fuel Cells through Optimization of Relative Humidity, Backpressure and Catalyst Selection. Journal of the Electrochemical Society, 2019, 166, F3305-F3310.	2.9	49
8	Poly(aryl piperidinium) membranes and ionomers for hydroxide exchange membrane fuel cells. Nature Energy, 2019, 4, 392-398.	39.5	570
9	Clustered multi-imidazolium side chains functionalized alkaline anion exchange membranes for fuel cells. Journal of Membrane Science, 2017, 541, 214-223.	8.2	63