

# Yanchen Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11008244/publications.pdf>

Version: 2024-02-01

5  
papers

78  
citations

1684188

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2053705

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g-index

5  
all docs

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docs citations

5  
times ranked

138  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Improving intermediate temperature performance of Ni-YSZ cermet anodes for solid oxide fuel cells by liquid infiltration of nickel nanoparticles. <i>Journal of Power Sources</i> , 2018, 396, 257-264.   | 7.8 | 42        |
| 2 | Detailed electrochemical performance and microstructural characterization of nickel “ Yttria stabilized zirconia cermet anodes infiltrated with nickel, gadolinium doped ceria, and nickel “ Gadolinium doped ceria nanoparticles. <i>Journal of Power Sources</i> , 2020, 447, 227357. | 7.8 | 12        |
| 3 | Effect of anodic current density on the spreading of infiltrated nickel nanoparticles in nickel-yttria stabilized zirconia cermet anodes. <i>Journal of Power Sources</i> , 2019, 410-411, 196-203.   | 7.8 | 10        |
| 4 | Co-infiltration of Nickel and Mixed Conducting $Gd_{0.1}Ce_{0.9}O_{2-\delta}$ and $La_{0.6}Sr_{0.3}Ni_{0.15}Cr_{0.85}O_{3-\delta}$ Phases in Ni-YSZ Anodes for Improved Stability and Performance. <i>Jom</i> , 2019, 71, 3835-3847.  | 1.9 | 7         |
| 5 | Experimental validation of solid oxide fuel cell polarization modeling: An LSM-YSZ/YSZ/Ni-YSZ case study. <i>Electrochimica Acta</i> , 2020, 361, 137052.   | 5.2 | 7         |