

# Yanchen Lu

## List of Publications by Year in descending order

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5  
papers

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citations

1684188

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2053705

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g-index

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docs citations

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times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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