

# Yeyoung Ha

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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940533

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times ranked

385  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Pathways Toward High-energy Li-sulfur Batteries, Identified via Multi-reaction Chemical Modeling. Journal of the Electrochemical Society, 2022, 169, 010520.  | 2.9  | 1         |
| 2  | Carbon-Binder Weight Loading Optimization for Improved Lithium-Ion Battery Rate Capability. Journal of the Electrochemical Society, 2022, 169, 070519.  | 2.9  | 7         |
| 3  | Evaluating the Effect of Electrolyte Additive Functionalities on NMC622/Si Cell Performance. Journal of the Electrochemical Society, 2022, 169, 070515.   | 2.9  | 6         |
| 4  | Lowering the Activation Barriers for Lithium-Ion Conductivity through Orientational Disorder in the Cyanide Argyrodite $\text{Li}_6\text{PS}_5\text{CN}$ . Chemistry of Materials, 2021, 33, 5127-5136.                       | 6.7  | 17        |
| 5  | Long-term cyclability of $\text{Li}_4\text{Ti}_5\text{O}_{12}/\text{LiMn}_2\text{O}_4$ cells using carbonate-based electrolytes for behind-the-meter storage applications. Energy Storage Materials, 2021, 38, 581-589.       | 18.0 | 23        |
| 6  | Evaluating temperature dependent degradation mechanisms of silicon-graphite electrodes and the effect of fluoroethylene carbonate electrolyte additive. Electrochimica Acta, 2021, 394, 139097.                               | 5.2  | 9         |
| 7  | Impact of Electrode Thickness and Temperature on the Rate Capability of $\text{Li}_4\text{Ti}_5\text{O}_{12}/\text{LiMn}_2\text{O}_4$ Cells. Journal of the Electrochemical Society, 2021, 168, 110536.                       | 2.9  | 5         |
| 8  | $\text{Li}_2\text{O}$ -Based Cathode Additives Enabling Prelithiation of Si Anodes. Applied Sciences (Switzerland), 2021, 11, 12027.  | 2.5  | 12        |
| 9  | Probing the Evolution of Surface Chemistry at the Silicon-Electrolyte Interphase via In Situ Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 286-291.                                   | 4.6  | 23        |
| 10 | Effect of Water Concentration in $\text{LiPF}_6$ -Based Electrolytes on the Formation, Evolution, and Properties of the Solid Electrolyte Interphase on Si Anodes. ACS Applied Materials & Interfaces, 2020, 12, 49563-49573. | 8.0  | 27        |
| 11 | Improving Interface Stability of Si Anodes by Mg Coating in Li-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 11534-11539.   | 5.1  | 10        |
| 12 | Enhanced Interfacial Stability of Si Anodes for Li-Ion Batteries via Surface $\text{SiO}_2$ Coating. ACS Applied Energy Materials, 2020, 3, 8842-8849.  | 5.1  | 38        |
| 13 | In situ surface stress measurement and computational analysis examining the oxygen reduction reaction on Pt and Pd. Electrochimica Acta, 2018, 260, 400-406.  | 5.2  | 14        |
| 14 | Effect of Concentration on the Electrochemistry and Speciation of the Magnesium Aluminum Chloride Complex Electrolyte Solution. ACS Applied Materials & Interfaces, 2017, 9, 35729-35739.                                     | 8.0  | 60        |
| 15 | Electrochemical Surface Stress Development during CO and NO Oxidation on Pt. Journal of Physical Chemistry C, 2016, 120, 8674-8683.   | 3.1  | 22        |
| 16 | Dynamic Surface Stress Response during Reversible Mg Electrodeposition and Stripping. Journal of the Electrochemical Society, 2016, 163, A2679-A2684.   | 2.9  | 9         |