

# Yang Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/892280/publications.pdf>

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9  
papers

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1163117  
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683  
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#	ARTICLE	IF	CITATIONS
1	How Crystallite Size Controls the Reaction Path in Nonaqueous Metal Ion Batteries: The Example of Sodium Bismuth Alloying. <i>Chemistry of Materials</i> , 2016, 28, 2750-2756.	6.7	113
2	High power nano-structured $V_2O_5$ thin film cathodes by atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15044-15051.	10.3	52
3	Resolving the Role of Configurational Entropy in Improving Cycling Performance of Multicomponent Hexacyanoferrate Cathodes for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	37
4	Lithium ionic conduction in composites of $Li(BH_4)_{0.75}I_{0.25}$ and amorphous $0.75Li_2S \cdot 0.25P_2S_5$ for battery applications. <i>Electrochimica Acta</i> , 2018, 278, 332-339.	5.2	35
5	Electrical characterization of amorphous $LiAlO_2$ thin films deposited by atomic layer deposition. <i>RSC Advances</i> , 2016, 6, 60479-60486.	3.6	34
6	Toward Better Stability and Reversibility of the $Mn^{4+}/Mn^{2+}$ Double Redox Activity in Disordered Rocksalt Oxyfluoride Cathode Materials. <i>Chemistry of Materials</i> , 2021, 33, 8235-8247.	6.7	18
7	Influence of Chloride Ion Substitution on Lithium-Ion Conductivity and Electrochemical Stability in a Dual-Halogen Solid-State Electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 25448-25456.	8.0	14
8	Understanding Capacity Fading of $MgH_2$ Conversion-Type Anodes via Structural Morphology Changes and Electrochemical Impedance. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8750-8759.	3.1	12
9	Ionic conductivity in $Li_xTaO_y$ thin films grown by atomic layer deposition. <i>Electrochimica Acta</i> , 2020, 361, 137019.	5.2	6