

# Di Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1378457/publications.pdf>

Version: 2024-02-01

9  
papers

185  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Waste-to-wealth application of wastewater treatment algae-derived hydrochar for Pb(II) adsorption. <i>MethodsX</i> , 2021, 8, 101263.	1.6	9
2	Understanding Degradation at the Lithium-Ion Battery Cathode/Electrolyte Interface: Connecting Transition-Metal Dissolution Mechanisms to Electrolyte Composition. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 11930-11939.	8.0	31
3	Cation Deficiency Tuning of $\text{LaCoO}_3$ Perovskite as Bifunctional Oxygen Electrocatalyst. <i>ChemCatChem</i> , 2020, 12, 2768-2775.	3.7	51
4	Enhancing the Electrocatalysis of $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ by Introducing Lithium Deficiency for Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 10496-10502.	8.0	33
5	Cathode electrolyte diagnostics based on scanning probe microscopy. , 2020, , .		0
6	Characterization of Cathode/Electrolyte Interfacial Processes By Scanning Electrochemical Microscopy. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 159-159.	0.0	1
7	Nanoscale $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ cathode materials for lithium ion batteries via a polymer-assisted chemical solution method. <i>Applied Materials Today</i> , 2019, 16, 342-350.	4.3	23
8	A ternary $\text{Ag}@\text{TiO}_2$ /reduced graphene oxide nanocomposite as the anode material for lithium ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2126-2134.	6.0	10
9	Electrodes with High Conductivities for High Performance Lithium/Sodium Ion Batteries. <i>Engineered Science</i> , 2018, , .	2.3	27