

# Zachary P Cano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11795737/publications.pdf>

Version: 2024-02-01

9  
papers

3,502  
citations

1040056

9  
h-index

1474206

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g-index

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all docs

9  
docs citations

9  
times ranked

5423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Batteries and fuel cells for emerging electric vehicle markets. <i>Nature Energy</i> , 2018, 3, 279-289.	39.5	1,944
2	Automotive Li-Ion Batteries: Current Status and Future Perspectives. <i>Electrochemical Energy Reviews</i> , 2019, 2, 1-28.	25.5	745
3	Recent progress and perspectives on bi-functional oxygen electrocatalysts for advanced rechargeable metal-air batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7107-7134.	10.3	408
4	Enhancing Oxygen Reduction Activity of Pt-based Electrocatalysts: From Theoretical Mechanisms to Practical Methods. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18334-18348.	13.8	174
5	Spontaneous weaving: 3D porous PtCu networks with ultrathin jagged nanowires for highly efficient oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 359-367.	20.2	71
6	Bifunctionally active and durable hierarchically porous transition metal-based hybrid electrocatalyst for rechargeable metal-air batteries. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 677-687.	20.2	64
7	Decoupled low-cost ammonium-based electrolyte design for highly stable zinc-iodine redox flow batteries. <i>Energy Storage Materials</i> , 2020, 32, 465-476.	18.0	48
8	New Interpretation of the Performance of Nickel-Based Air Electrodes for Rechargeable Zinc-Air Batteries. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20153-20166.	3.1	24
9	Enhancing Oxygen Reduction Activity of Pt-based Electrocatalysts: From Theoretical Mechanisms to Practical Methods. <i>Angewandte Chemie</i> , 2020, 132, 18490-18504.	2.0	24