

# Zhiqiang Zheng

## List of Publications by Year in descending order

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17  
papers

940  
citations

687363

13  
h-index

839539

18  
g-index

18  
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18  
docs citations

18  
times ranked

1055  
citing authors

#	ARTICLE	IF	CITATIONS
1	1D Nanowire Heterojunction Electrocatalysts of MnCo <sub>2</sub> O <sub>4</sub> /GDY for Efficient Overall Water Splitting. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	48
2	Electronic structure modulation of metal-free graphdiyne for acidic oxygen evolution reaction. <i>2D Materials</i> , 2022, 9, 014008.	4.4	3
3	Controlled Growth of Donor–Bridge–Acceptor Interface for High-Performance Ammonia Production. <i>Small</i> , 2022, 18, e2107136.	10.0	11
4	Loading Nickel Atoms on GDY for Efficient CO <sub>2</sub> Fixation and Conversion. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 92-98.	2.6	8
5	Controlled Growth of the Interface of CdWO <sub>4</sub> /GDY for Hydrogen Energy Conversion. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	21
6	Acetylenic bond-driven efficient hydrogen production of a graphdiyne based catalyst. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2247-2254.	5.9	21
7	Controllable growth of graphdiyne layered nanosheets for high-performance water oxidation. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4153-4159.	5.9	19
8	Acidic Water Oxidation on Quantum Dots of IrO <sub>x</sub> /Graphdiyne. <i>Advanced Energy Materials</i> , 2021, 11, 2101138.	19.5	54
9	Selective Conversion of CO <sub>2</sub> into Cyclic Carbonate on Atom Level Catalysts. <i>ACS Materials Au</i> , 2021, 1, 107-115.	6.0	15
10	2D Graphdiyne: A Rising Star on the Horizon of Energy Conversion. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3259-3271.	3.3	8
11	Poly(ionic liquid) Electrolytes for a Switchable Silver Mirror. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20417-20424.	8.0	23
12	Zinc Ion Coordinated Poly(Ionic Liquid) Antimicrobial Membranes for Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14656-14664.	8.0	94
13	Metal-Containing Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 922-928.	5.2	60
14	Polyanionic Antimicrobial Membranes: An Experimental and Theoretical Study. <i>Langmuir</i> , 2017, 33, 4346-4355.	3.5	33
15	Synthesis of Pyrrolidinium-Type Poly(ionic liquid) Membranes for Antibacterial Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10504-10511.	8.0	148
16	Structure–Antibacterial Activity Relationships of Imidazolium-Type Ionic Liquid Monomers, Poly(ionic liquid) Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12684-12692.	8.0	240
17	Intrinsically Antibacterial Poly(ionic liquid) Membranes: The Synergistic Effect of Anions. <i>ACS Macro Letters</i> , 2015, 4, 1094-1098.	4.8	124