

# Mo Qiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/648199/publications.pdf>

Version: 2024-02-01

20  
papers

1,602  
citations

471509

17  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active sites engineering leads to exceptional ORR and OER bifunctionality in P,N Co-doped graphene frameworks. <i>Energy and Environmental Science</i> , 2017, 10, 1186-1195.	30.8	431
2	S, Nâ€Coâ€Doped Grapheneâ€Nickel Cobalt Sulfide Aerogel: Improved Energy Storage and Electrocatalytic Performance. <i>Advanced Science</i> , 2017, 4, 1600214.	11.2	204
3	Recent advances in hydrothermal carbonisation: from tailored carbon materials and biochemicals to applications and bioenergy. <i>Green Chemistry</i> , 2020, 22, 4747-4800.	9.0	136
4	Combination of a SnO <sub>2</sub> â€C hybrid anode and a tubular mesoporous carbon cathode in a high energy density non-aqueous lithium ion capacitor: preparation and characterisation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6549.	10.3	100
5	Hard carbon derived from rice husk as low cost negative electrodes in Na-ion batteries. <i>Journal of Energy Chemistry</i> , 2019, 29, 17-22.	12.9	100
6	3D Carbon Materials for Efficient Oxygen and Hydrogen Electrocatalysis. <i>Advanced Energy Materials</i> , 2020, 10, 1902494.	19.5	97
7	Unveiling the role of hydrothermal carbon dots as anodes in sodium-ion batteries with ultrahigh initial coulombic efficiency. <i>Journal of Materials Chemistry A</i> , 2019, 7, 27567-27575.	10.3	69
8	Lowâ€Cost Chitosanâ€Derived Nâ€Doped Carbons Boost Electrocatalytic Activity of Multiwall Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2018, 28, 1707284.	14.9	68
9	Oxygenophilic ionic liquids promote the oxygen reduction reaction in Pt-free carbon electrocatalysts. <i>Materials Horizons</i> , 2017, 4, 895-899.	12.2	56
10	Preparation, fabrication and biocompatibility of novel injectable temperature-sensitive chitosan/glycerophosphate/collagen hydrogels. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2835-2842.	3.6	53
11	Halloysite-derived nitrogen doped carbon electrocatalysts for anion exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2017, 372, 82-90.	7.8	52
12	Carbon-Dot-Enhanced Graphene Field-Effect Transistors for Ultrasensitive Detection of Exosomes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 7854-7864.	8.0	52
13	Engineering the Interface of Carbon Electrocatalysts at the Triple Point for Enhanced Oxygen Reduction Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 18374-18384.	3.3	45
14	Boosting the Oxygen Reduction Electrocatalytic Performance of Nonprecious Metal Nanocarbons via Triple Boundary Engineering Using Protic Ionic Liquids. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11298-11305.	8.0	34
15	Freestanding Nonâ€Precious Metal Electrocatalysts for Oxygen Evolution and Reduction Reactions. <i>ChemElectroChem</i> , 2018, 5, 1786-1804.	3.4	32
16	High density grapheneâ€carbon nanosphere films for capacitive energy storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6126-6133.	10.3	30
17	Homogenous Meets Heterogenous and Electroâ€Catalysis: Ironâ€Nitrogen Molecular Complexes within Carbon Materials for Catalytic Applications. <i>ChemCatChem</i> , 2019, 11, 3602-3625.	3.7	22
18	Investigation of the Effective Action Distance Between Hematopoietic Stem/Progenitor Cells and Human Adipose-Derived Stem Cells During Their In Vitro Co-culture. <i>Applied Biochemistry and Biotechnology</i> , 2011, 165, 776-784.	2.9	9

#	ARTICLE	IF	CITATIONS
19	Electrocatalysis: 3D Carbon Materials for Efficient Oxygen and Hydrogen Electrocatalysis (Adv.) Tj ETQq1 1 0.784314 19.58 BT / Overlock 10		
20	Activated Carbon from Corncobs Doped with RuO2 as Biobased Electrode Material. Electronic Materials, 2021, 2, 324-343.	1.9	5