

# Mo Qiao

## List of Publications by Year in descending order

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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	Carbon-Dot-Enhanced Graphene Field-Effect Transistors for Ultrasensitive Detection of Exosomes. ACS Applied Materials & Interfaces, 2021, 13, 7854-7864.	8.0	52
2	Activated Carbon from Corncoobs Doped with RuO <sub>2</sub> as Biobased Electrode Material. Electronic Materials, 2021, 2, 324-343.	1.9	5
3	3D Carbon Materials for Efficient Oxygen and Hydrogen Electrocatalysis. Advanced Energy Materials, 2020, 10, 1902494.	19.5	97
4	Electrocatalysis: 3D Carbon Materials for Efficient Oxygen and Hydrogen Electrocatalysis (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	19.5	5
5	Recent advances in hydrothermal carbonisation: from tailored carbon materials and biochemicals to applications and bioenergy. Green Chemistry, 2020, 22, 4747-4800.	9.0	136
6	Homogenous Meets Heterogenous and Electro-Catalysis: Iron-Nitrogen Molecular Complexes within Carbon Materials for Catalytic Applications. ChemCatChem, 2019, 11, 3602-3625.	3.7	22
7	High density graphene-carbon nanosphere films for capacitive energy storage. Journal of Materials Chemistry A, 2019, 7, 6126-6133.	10.3	30
8	Boosting the Oxygen Reduction Electrocatalytic Performance of Nonprecious Metal Nanocarbons via Triple Boundary Engineering Using Protic Ionic Liquids. ACS Applied Materials & Interfaces, 2019, 11, 11298-11305.	8.0	34
9	Unveiling the role of hydrothermal carbon dots as anodes in sodium-ion batteries with ultrahigh initial coulombic efficiency. Journal of Materials Chemistry A, 2019, 7, 27567-27575.	10.3	69
10	Hard carbon derived from rice husk as low cost negative electrodes in Na-ion batteries. Journal of Energy Chemistry, 2019, 29, 17-22.	12.9	100
11	Freestanding Non-Precious Metal Electrocatalysts for Oxygen Evolution and Reduction Reactions. ChemElectroChem, 2018, 5, 1786-1804.	3.4	32
12	Low-Cost Chitosan-Derived N-Doped Carbons Boost Electrocatalytic Activity of Multiwall Carbon Nanotubes. Advanced Functional Materials, 2018, 28, 1707284.	14.9	68
13	Engineering the Interface of Carbon Electrocatalysts at the Triple Point for Enhanced Oxygen Reduction Reaction. Chemistry - A European Journal, 2018, 24, 18374-18384.	3.3	45
14	Active sites engineering leads to exceptional ORR and OER bifunctionality in P,N Co-doped graphene frameworks. Energy and Environmental Science, 2017, 10, 1186-1195.	30.8	431
15	Halloysite-derived nitrogen doped carbon electrocatalysts for anion exchange membrane fuel cells. Journal of Power Sources, 2017, 372, 82-90.	7.8	52
16	Oxygenophilic ionic liquids promote the oxygen reduction reaction in Pt-free carbon electrocatalysts. Materials Horizons, 2017, 4, 895-899.	12.2	56
17	S, N-Co-Doped Graphene-Nickel Cobalt Sulfide Aerogel: Improved Energy Storage and Electrocatalytic Performance. Advanced Science, 2017, 4, 1600214.	11.2	204
18	Combination of a SnO <sub>2</sub> -C hybrid anode and a tubular mesoporous carbon cathode in a high energy density non-aqueous lithium ion capacitor: preparation and characterisation. Journal of Materials Chemistry A, 2014, 2, 6549.	10.3	100

#	ARTICLE	IF	CITATIONS
19	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
20	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