

# Javier QuÃ-lez-Bermejo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8525588/publications.pdf>

Version: 2024-02-01

17  
papers

675  
citations

758635

12  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the deactivation of N-doped carbon materials active sites during oxygen reduction reaction. Carbon, 2022, 189, 548-560.	5.4	23
2	Best practices for ORR performance evaluation of metal-free porous carbon electrocatalysts. Carbon, 2022, 189, 349-361.	5.4	61
3	Progress in the Use of Biosourced Phenolic Molecules for Electrode Manufacturing. Frontiers in Materials, 2022, 9, .	1.2	6
4	Easy enrichment of graphitic nitrogen to prepare highly catalytic carbons for oxygen reduction reaction. Carbon, 2022, , .	5.4	7
5	Electrocatalysis with metal-free carbon-based catalysts. , 2022, , 213-244.		1
6	Metal free electrochemical glucose biosensor based on N-doped porous carbon material. Electrochimica Acta, 2021, 367, 137434.	2.6	25
7	Preparation of Pt/CNT Thin-Film Electrodes by Electrochemical Potential Pulse Deposition for Methanol Oxidation. Journal of Carbon Research, 2021, 7, 32.	1.4	6
8	On the Origin of the Effect of pH in Oxygen Reduction Reaction for Nondoped and Edge-Type Quaternary N-Doped Metal-Free Carbon-Based Catalysts. ACS Applied Materials & Interfaces, 2020, 12, 54815-54823.	4.0	21
9	Polyaniline-Derived N-Doped Ordered Mesoporous Carbon Thin Films: Efficient Catalysts towards Oxygen Reduction Reaction. Polymers, 2020, 12, 2382.	2.0	17
10	Rational Design of Single Atomic Co in CoN x Moieties on Graphene Matrix as an Ultra-Highly Efficient Active Site for Oxygen Reduction Reaction. ChemNanoMat, 2020, 6, 218-222.	1.5	3
11	Metal-free heteroatom-doped carbon-based catalysts for ORR: A critical assessment about the role of heteroatoms. Carbon, 2020, 165, 434-454.	5.4	231
12	Post-synthetic efficient functionalization of polyaniline with phosphorus-containing groups. Effect of phosphorus on electrochemical properties. European Polymer Journal, 2019, 119, 272-280.	2.6	21
13	Copper-Doped Cobalt Spinel Electrocatalysts Supported on Activated Carbon for Hydrogen Evolution Reaction. Materials, 2019, 12, 1302.	1.3	22
14	Towards understanding the active sites for the ORR in N-doped carbon materials through fine-tuning of nitrogen functionalities: an experimental and computational approach. Journal of Materials Chemistry A, 2019, 7, 24239-24250.	5.2	87
15	Oxygen-reduction catalysis of N-doped carbons prepared via heat treatment of polyaniline at over 1100 Â°C. Chemical Communications, 2018, 54, 4441-4444.	2.2	50
16	Effect of Nitrogen-Functional Groups on the ORR Activity of Activated Carbon Fiber-Polypyrrole-Based Electrodes. Electrocatalysis, 2018, 9, 697-705.	1.5	27
17	Effect of carbonization conditions of polyaniline on its catalytic activity towards ORR. Some insights about the nature of the active sites. Carbon, 2017, 119, 62-71.	5.4	67