

# Abdalla Abdelwahab

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

125  
citations

6  
h-index

11  
g-index

14  
ext. papers

166  
ext. citations

4.8  
avg, IF

2.85  
L-index

#	Paper	IF	Citations
11	Synergy between iron oxide sites and nitrogen-doped carbon xerogel/diamond matrix for boosting the oxygen reduction reaction. <i>Nanoscale Advances</i> , <b>2022</b> , 4, 837-848	5.1	0
10	Design of Self-Supported Flexible Nanostars MFe-LDH@ Carbon Xerogel-Modified Electrode for Methanol Oxidation. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
9	Nickel Cobaltite Functionalized Silver Doped Carbon Xerogels as Efficient Electrode Materials for High Performance Symmetric Supercapacitor. <i>Materials</i> , <b>2020</b> , 13,	3.5	7
8	Effect of pressure on the geometric, electronic structure, elastic, and optical properties of the normal spinel MgFe <sub>2</sub> O <sub>4</sub> : a first-principles study. <i>Materials Research Express</i> , <b>2020</b> , 7, 106101	1.7	4
7	Binary and Ternary 3D Nanobundles Metal Oxides Functionalized Carbon Xerogels as Electrocatalysts toward Oxygen Reduction Reaction. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
6	Carbon Xerogels Hydrothermally Doped with Bimetal Oxides for Oxygen Reduction Reaction. <i>Materials</i> , <b>2019</b> , 12,	3.5	6
5	Carbon - iron electro-catalysts for CO <sub>2</sub> reduction. The role of the iron particle size. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2018</b> , 24, 240-249	7.6	15
4	Effect of pore geometry on the electrocatalytic performance of nickel cobaltite/ carbon xerogel nanocomposite for methanol oxidation. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 77-85	6.7	26
3	Electrodes Based on Carbon Aerogels Partially Graphitized by Doping with Transition Metals for Oxygen Reduction Reaction. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	19
2	Insight of the effect of graphitic cluster in the performance of carbon aerogels doped with nickel as electrodes for supercapacitors. <i>Carbon</i> , <b>2018</b> , 139, 888-895	10.4	17
1	Cobalt-Doped Carbon Gels as Electro-Catalysts for the Reduction of CO <sub>2</sub> to Hydrocarbons. <i>Catalysts</i> , <b>2017</b> , 7, 25	4	22