

# Deeksha Jain

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

599  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coke formation during high-temperature CO <sub>2</sub> electrolysis over AFeO <sub>3</sub> (A = La/Sr) cathode: Effect of A-site metal segregation. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119642.	20.2	48
2	Phosphate tolerance of nitrogen-coordinated-iron-carbon (FeNC) catalysts for oxygen reduction reaction: A size-related hindrance effect. <i>Journal of Catalysis</i> , 2020, 390, 150-160.	6.2	6
3	Experimental and DFT Investigation into Chloride Poisoning Effects on Nitrogen-Coordinated Iron-Carbon (FeNC) Catalysts for Oxygen Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10324-10335.	3.1	23
4	Electrocatalytic applications of heteroatom-doped carbon nanostructures: thinking beyond PEM fuel cells. <i>Catalysis</i> , 2020, , 44-80.	1.0	4
5	Changes in Active Sites on Nitrogen-Doped Carbon Catalysts Under Oxygen Reduction Reaction: A Combined Post-Reaction Characterization and DFT Study. <i>ChemCatChem</i> , 2019, 11, 5945-5950.	3.7	12
6	Insights into oxygen reduction reaction (ORR) and oxygen evolution reaction (OER) active sites for nitrogen-doped carbon nanostructures (CN <sub>x</sub> ) in acidic media. <i>Applied Catalysis B: Environmental</i> , 2018, 220, 88-97.	20.2	232
7	Effect of Acid-Washing on the Nature of Bulk Characteristics of Nitrogen-Doped Carbon Nanostructures as Oxygen Reduction Reaction Electrocatalysts in Acidic Media. <i>Energy &amp; Fuels</i> , 2018, 32, 11038-11045.	5.1	12
8	Enhancement in Oxygen Reduction Reaction Activity of Nitrogen-Doped Carbon Nanostructures in Acidic Media through Chloride-Ion Exposure. <i>ChemElectroChem</i> , 2018, 5, 1966-1975.	3.4	16
9	Nitrogen-Coordinated Iron-Carbon as Efficient Bifunctional Electrocatalysts for the Oxygen Reduction and Oxygen Evolution Reactions in Acidic Media. <i>Energy &amp; Fuels</i> , 2017, 31, 6541-6547.	5.1	34
10	Investigation of Chloride Poisoning Resistance for Nitrogen-Doped Carbon Nanostructures as Oxygen Depolarized Cathode Catalysts in Acidic Media. <i>Catalysis Letters</i> , 2017, 147, 2903-2909.	2.6	32
11	CO Poisoning Effects on FeNC and CN <sub>x</sub> ORR Catalysts: A Combined Experimental-Computational Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15173-15184.	3.1	57
12	Probing the Oxygen Reduction Reaction Active Sites over Nitrogen-Doped Carbon Nanostructures (CN <sub>x</sub> ) in Acidic Media Using Phosphate Anion. <i>ACS Catalysis</i> , 2016, 6, 7249-7259.	11.2	123