

# Arunchander Asokan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8784156/publications.pdf>

Version: 2024-02-01

19  
papers

706  
citations

687220

13  
h-index

794469

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride-Tolerant, Inexpensive Fe/N/C Catalysts for Desalination Fuel Cell Cathodes. ACS Applied Energy Materials, 2022, 5, 1743-1754.	2.5	5
2	Cobalt Nanoparticle-Embedded Nitrogen-Doped Carbon Catalyst Derived from a Solid-State Metal-Organic Framework Complex for OER and HER Electrocatalysis. Energies, 2021, 14, 1320.	1.6	14
3	Carbon Nanofibers as Potential Catalyst Support for Fuel Cell Cathodes: A Review. Energy & Fuels, 2021, 35, 11761-11799.	2.5	37
4	Carbon Nanofibers Encapsulated Nickel-Molybdenum Nanoparticles as Hydrogen Evolution Catalysts for Aqueous Zn-CO <sub>2</sub> System. ChemNanoMat, 2020, 6, 937-946.	1.5	9
5	Bio-derived carbon as an efficient supporting electrocatalyst for the oxygen reduction reaction. Journal of Physics and Chemistry of Solids, 2019, 124, 305-311.	1.9	13
6	Insights Into the Effect of Nickel Doping on ZIF-Derived Oxygen Reduction Catalysts for Zinc-Air Batteries. ChemElectroChem, 2019, 6, 1213-1224.	1.7	11
7	Synthesis of flower-like molybdenum sulfide/graphene hybrid as an efficient oxygen reduction electrocatalyst for anion exchange membrane fuel cells. Journal of Power Sources, 2017, 353, 104-114.	4.0	34
8	Self-Assembled Manganese Sulfide Nanostructures on Graphene as an Oxygen Reduction Catalyst for Anion Exchange Membrane Fuel Cells. ChemElectroChem, 2017, 4, 1544-1553.	1.7	24
9	Simultaneous co-doping of N and S by a facile in-situ polymerization of 6-N,N-dibutylamine-1,3,5-triazine-2,4-dithiol on graphene framework: An efficient and durable oxygen reduction catalyst in alkaline medium. Carbon, 2017, 118, 531-544.	5.4	38
10	Activated carbon from orange peels as supercapacitor electrode and catalyst support for oxygen reduction reaction in proton exchange membrane fuel cell. Journal of Saudi Chemical Society, 2017, 21, 487-494.	2.4	87
11	Origin of charge storage in cobalt oxide - Anchored graphene nanocomposites. Carbon, 2017, 125, 168-179.	5.4	19
12	Platinum nanoparticles supported on nitrogen and fluorine co-doped graphite nanofibers as an excellent and durable oxygen reduction catalyst for polymer electrolyte fuel cells. Carbon, 2016, 107, 667-679.	5.4	77
13	Cumulative effect of transition metals on nitrogen and fluorine co-doped graphite nanofibers: an efficient and highly durable non-precious metal catalyst for the oxygen reduction reaction. Nanoscale, 2016, 8, 14650-14664.	2.8	61
14	MnO <sub>2</sub> -nitrogen doped graphene as a durable non-precious hybrid catalyst for the oxygen reduction reaction in anion exchange membrane fuel cells. RSC Advances, 2016, 6, 95590-95600.	1.7	21
15	Nitrogen Doped Graphene as Metal Free Electrocatalyst for Efficient Oxygen Reduction Reaction in Alkaline Media and Its Application in Anion Exchange Membrane Fuel Cells. Journal of the Electrochemical Society, 2016, 163, F848-F855.	1.3	76
16	Nitrogen and fluorine co-doped graphite nanofibers as high durable oxygen reduction catalyst in acidic media for polymer electrolyte fuel cells. Carbon, 2015, 93, 130-142.	5.4	130
17	Insights into the effect of structure-directing agents on structural properties of mesoporous carbon for polymer electrolyte fuel cells. Bulletin of Materials Science, 2015, 38, 451-459.	0.8	5
18	Deoxyribonucleic acid directed metallization of platinum nanoparticles on graphite nanofibers as a durable oxygen reduction catalyst for polymer electrolyte fuel cells. Journal of Power Sources, 2015, 297, 379-387.	4.0	22

#	ARTICLE	IF	CITATIONS
19	Dendrimer confined Pt nanoparticles: electro-catalytic activity towards the oxygen reduction reaction and its application in polymer electrolyte membrane fuel cells. RSC Advances, 2015, 5, 75218-75228.	1.7	23