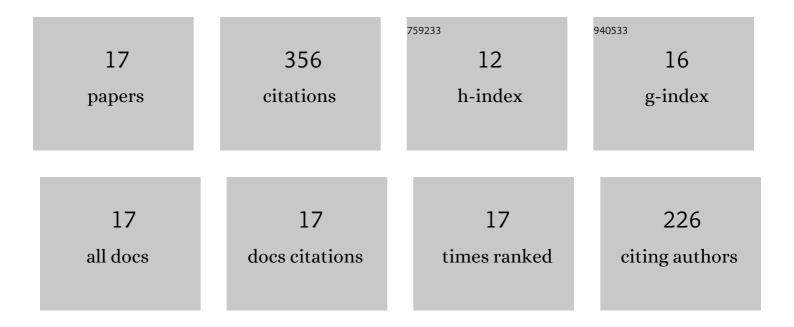
## Sabarinathan Ravichandran

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Highly efficient methanol oxidation on durable PtxIr/MWCNT catalysts for direct methanol fuel cell applications. International Journal of Hydrogen Energy, 2020, 45, 6447-6460.	7.1	63
2	Accelerating the production of bio-oil from hydrothermal liquefaction of microalgae via recycled biochar-supported catalysts. Journal of Environmental Chemical Engineering, 2021, 9, 105321.	6.7	47
3	A quick guide to the assessment of key electrochemical performance indicators for the oxygen reduction reaction: A comprehensive review. International Journal of Hydrogen Energy, 2022, 47, 7113-7138.	7.1	31
4	Carbon supported PtPdCr ternary alloy nanoparticles with enhanced electrocatalytic activity and durability for methanol oxidation reaction. International Journal of Hydrogen Energy, 2020, 45, 22752-22760.	7.1	29
5	Spindle-shaped CeO2/biochar carbon with oxygen-vacancy as an effective and highly durable electrocatalyst for oxygen reduction reaction. International Journal of Hydrogen Energy, 2021, 46, 2128-2142.	7.1	29
6	Ordered mesoporous Pt-Ru-Ir nanostructures as superior bifunctional electrocatalyst for oxygen reduction/oxygen evolution reactions. Journal of Colloid and Interface Science, 2022, 608, 207-218.	9.4	26
7	Bimetallic Pt3Mn nanowire network structures with enhanced electrocatalytic performance for methanol oxidation. International Journal of Hydrogen Energy, 2020, 45, 30455-30462.	7.1	22
8	Improved bi-functional oxygen electrocatalytic performance of Pt–Ir alloy nanoparticles embedded on MWCNT with Pt-enriched surfaces. Energy, 2020, 211, 118695.	8.8	19
9	Improved methanol electrooxidation catalyzed by ordered mesoporous Pt-Ru-Ir alloy nanostructures with trace Ir content. Electrochimica Acta, 2021, 394, 139148.	5.2	19
10	Sewage sludge-derived Fe- and N-containing porous carbon as efficient support for Pt catalyst with superior activity towards methanol electrooxidation. International Journal of Hydrogen Energy, 2020, 45, 9795-9802.	7.1	18
11	Highly durable carbon supported <scp>FeN</scp> nanocrystals feature as efficient biâ€functional oxygen electrocatalyst. International Journal of Energy Research, 2020, 44, 8413-8426.	4.5	15
12	Aminoclay/MWCNT supported spherical Pt nanoclusters with enhanced dual-functional electrocatalytic performance for oxygen reduction and methanol oxidation reactions. Applied Surface Science, 2021, 565, 150511.	6.1	13
13	Comprehensive Studies on the Effect of Reducing Agents on Electrocatalytic Activity and Durability of Platinum Supported on Carbon Support for Oxygen Reduction Reaction. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	8
14	Facile Preparation of a Surface-Enriched Pt Layer Over Pd/C as an Efficient Oxygen Reduction Catalyst With Enhanced Activity and Stability. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	5
15	Pt Nanoparticles Decorated on Fe2O3/N, P-Doped Mesoporous Carbon for Enhanced Oxygen Reduction Activity and Durability. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	5
16	Ag and Au nanoparticles decorated on synthetic clay functionalized multi-walled carbon nanotube for oxygen reduction reaction. Applied Nanoscience (Switzerland), 2023, 13, 749-761.	3.1	4
17	Emerging Trends in Biomass-Derived Carbon-Supported Metal Nanostructures as Efficient Electrocatalysts for Critical Electrochemical Reactions in Low Temperature Fuel Cell Applications. ACS Symposium Series, 0, , 225-256.	0.5	3