

# Recent development of methanol electrooxidation catal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Platinum-Based Catalysts on Various Carbon Supports and Conducting Polymers for Direct Methanol Fuel Cell Applications: a Review. <i>Nanoscale Research Letters</i> , 2018, 13, 410.	3.1	189
2	Trimetallic PtPdCu nanowires as an electrocatalyst for methanol and formic acid oxidation. <i>New Journal of Chemistry</i> , 2018, 42, 19083-19089.	1.4	35
3	Pt Nanoparticles Loaded on $W_{18}O_{49}$ Nanocables@rGO Nanocomposite as a Highly Active and Durable Catalyst for Methanol Electro-Oxidation. <i>ACS Omega</i> , 2018, 3, 16850-16857.	1.6	13
4	Hierarchical nanocomposite electrocatalyst of bimetallic zeolitic imidazolate framework and MoS <sub>2</sub> sheets for non-Pt methanol oxidation and water splitting. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117970.	10.8	192
5	A Pt-polymer nanocomposite as the excellent electro-catalyst: Synthesis, characterization, and electrochemical behavior towards methanol oxidation in the alkaline media. <i>Synthetic Metals</i> , 2019, 255, 116110.	2.1	14
6	Thermally driven interfacial diffusion synthesis of nitrogen-doped carbon confined trimetallic Pt <sub>3</sub> CoRu composites for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18143-18149.	5.2	29
7	High performance Pt/Ti <sub>3</sub> O <sub>5</sub> Mo <sub>0.2</sub> Si <sub>0.4</sub> electrocatalyst with outstanding methanol oxidation activity. <i>Catalysis Science and Technology</i> , 2019, 9, 4118-4124.	2.1	6
8	Synergic and Antifouling Effect of ZnO on Ethanol Oxidation by Silver-Palladium Bimetallic Electrocatalyst. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2556-A2562.	1.3	3
9	Solvothermal Synthesis of Mesoporous 3D-CuCo <sub>2</sub> O <sub>4</sub> Hollow Tubes as Efficient Electrocatalysts for Methanol Electro-Oxidation. <i>ChemCatChem</i> , 2019, 11, 6078-6085.	1.8	9
10	A Highly Efficient and Stable Copper BTC Metal Organic Framework Derived Electrocatalyst for Oxidation of Methanol in DMFC Application. <i>Catalysis Letters</i> , 2019, 149, 3312-3327.	1.4	59
11	Superior catalytic performance of NiCo <sub>2</sub> O <sub>4</sub> nanorods loaded rGO towards methanol electro-oxidation and hydrogen evolution reaction. <i>Journal of Molecular Liquids</i> , 2019, 291, 111306.	2.3	47
12	Mechanistic Insights into Cyclic Voltammograms on Pt(111): Kinetics Simulations. <i>ChemPhysChem</i> , 2019, 20, 2791-2798.	1.0	4
13	Using a multiway chemometric tool in the evaluation of methanol electro-oxidation mechanism. <i>Journal of Electroanalytical Chemistry</i> , 2019, 855, 113598.	1.9	3
14	A promising Modification of Pt Surfaces with CNTs for Decreasing Poisoning Impact in Direct Methanol Fuel Cells. <i>International Journal of Electrochemical Science</i> , 2019, 14, 8276-8283.	0.5	6
15	Enhanced electrocatalytic activity of palladium nanochains by modifying transition metal core-shell nanoparticles (TM <sub>core</sub> -shell = Ni@NiO, Co@CoO) on reduced graphene oxide for methanol electro-oxidation. <i>Electrochimica Acta</i> , 2019, 321, 134688.	2.6	13
16	Applications of carbon nanotubes and graphene for third-generation solar cells and fuel cells. <i>Nano Materials Science</i> , 2019, 1, 77-90.	3.9	38
17	Carbon-Supported Pt and Pt-Ir Nanowires for Methanol Electro-Oxidation in Acidic Media. <i>Catalysis Letters</i> , 2019, 149, 2614-2626.	1.4	10
18	Pt-Ni-P nanocages with surface porosity as efficient bifunctional electrocatalysts for oxygen reduction and methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9791-9797.	5.2	63

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20	Use of palladium nanoparticles dispersed on GNS - modified with 10Åwt%CoMoO4 as efficient bifunctional electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31312-31322.	3.8	5
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101	An overview of biofuel power generation on policies and finance environment, applied biofuels, device and performance. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2021, 8, 534-553.	2.0	10
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