

2D PdAg Alloy Nanodendrites for Enhanced Ethanol Ele

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Palladium-based nanoelectrocatalysts for renewable energy generation and conversion. <i>Materials Today Nano</i> , 2018, 1, 29-40.	2.3	26
2	Effects of Ni(OH) ₂ Morphology on the Catalytic Performance of Pd/Ni(OH) ₂ /Ni Foam Hybrid Catalyst toward Ethanol Electrooxidation. <i>ACS Applied Energy Materials</i> , 2018, 1, 6040-6046.	2.5	32
3	Ordered SiO ₂ cavity promoted formation of gold single crystal nanoparticles towards an efficient electrocatalytic application. <i>New Journal of Chemistry</i> , 2018, 42, 16774-16781.	1.4	8
4	One-Pot Seedless Aqueous Design of Metal Nanostructures for Energy Electrocatalytic Applications. <i>Electrochemical Energy Reviews</i> , 2018, 1, 531-547.	13.1	9
5	Multimetallic Hollow Mesoporous Nanospheres with Synergistically Structural and Compositional Effects for Highly Efficient Ethanol Electrooxidation. <i>ACS Central Science</i> , 2018, 4, 1412-1419.	5.3	109
6	Exceptional ethylene glycol electrooxidation enabled by high-quality PdAgCu hollow nanospheres. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 405-412.	2.7	17
7	Silica nanosphere supported palladium nanoparticles encapsulated with graphene: High-performance electrocatalysts for methanol oxidation reaction. <i>Applied Surface Science</i> , 2018, 452, 11-18.	3.1	39
8	A surfactant-free method to prepare Pd _x Au _y bimetallic nanospheres and their application in catalysis. <i>Inorganic Chemistry Communication</i> , 2018, 96, 175-179.	1.8	1
9	Morphology Engineering of Au/(PdAg alloy) Nanostructures for Enhanced Electrocatalytic Ethanol Oxidation. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800258.	1.2	13
10	Highly branched ultrathin Pt@Ru nanodendrites. <i>Chemical Communications</i> , 2019, 55, 11131-11134.	2.2	31
11	Pd@Ag Alloy Electrocatalysts for CO ₂ Reduction: Composition Tuning to Break the Scaling Relationship. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33074-33081.	4.0	56
12	Strain Regulation to Optimize the Acidic Water Oxidation Performance of Atomic Layer IrO _x . <i>Advanced Materials</i> , 2019, 31, e1903616.	11.1	121
13	Engineering Spiny PtFePd@PtFe/Pt Core@Multishell Nanowires with Enhanced Performance for Alcohol Electrooxidation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30880-30886.	4.0	39
14	Palladium Nanoparticles with Surface Enrichment of Palladium Oxide Species Immobilized on the Aniline-Functionalized Graphene As an Advanced Electrocatalyst of Ethanol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14621-14628.	3.2	31
15	Octahedral gold-silver nanoframes with rich crystalline defects for efficient methanol oxidation manifesting a CO-promoting effect. <i>Nature Communications</i> , 2019, 10, 3782.	5.8	113
16	3D highly branched PtCoRh nanoassemblies: Glycine-assisted solvothermal synthesis and superior catalytic activity for alcohol oxidation. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 512-519.	5.0	46
17	Composition- and size-engineering of porous PdAg alloy for high-performance ethanol electrooxidation. <i>Journal of Alloys and Compounds</i> , 2019, 806, 239-245.	2.8	11
18	PdAu Alloy Nanoparticles for Ethanol Oxidation in Alkaline Conditions: Enhanced Activity and C1 Pathway Selectivity. <i>ACS Applied Energy Materials</i> , 2019, 2, 8701-8706.	2.5	45

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19	Insights into Compositional and Structural Effects of Bimetallic Hollow Mesoporous Nanospheres toward Ethanol Oxidation Electrocatalysis. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5490-5498.	2.1	38
20	Facile synthesis of AuPd nanowires anchored on the hybrid of layered double hydroxide and carbon black for enhancing catalytic performance towards ethanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25589-25598.	3.8	15
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26	Interface Functionalized Mo ₂ TiO ₇ Composite via a Postgrowth Modification Approach as High Performance PtRu Catalyst Support for Methanol Electrooxidation. <i>ACS Applied Energy Materials</i> , 2019, 2, 4882-4889.	2.5	3
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28	High-Density Pd Nanorod Arrays on Au Nanocrystals for High-Performance Ethanol Electrooxidation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20117-20124.	4.0	26
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32	Ultrathin PdAg single-crystalline nanowires enhance ethanol oxidation electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 116-125.	10.8	135
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34	One-step fabrication of trimetallic core-shell Au@PdAuCu mesoporous nanospheres for ethanol electrooxidation. <i>Green Chemistry</i> , 2019, 21, 2043-2051.	4.6	46
35	Highly active carbon nanotube supported PdAu alloy catalysts for ethanol electrooxidation in alkaline environment. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 11734-11743.	3.8	65
36	Asymmetric Multimetallic Mesoporous Nanospheres. <i>Nano Letters</i> , 2019, 19, 3379-3385.	4.5	76

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38	Highly Branched Palladium Nanodendrites: Simple, Fast, and Green Fabrication with Superior Oxygen Reduction Property. <i>Chemistry - A European Journal</i> , 2019, 25, 4920-4926.	1.7	9
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42	Trimetallic platinum-nickel-palladium nanorods with abundant bumps as robust catalysts for methanol electrooxidation. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 512-518.	5.0	25
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46	Asymmetric PdPtCu mesoporous hemispheres on nitrogen-functionalized graphene for methanol oxidation electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15706-15714.	5.2	22
47	Preparation of palladium/nickel hydroxides nanoflakes on carbon cloth support as robust anode catalyst for electrocatalytic alcohol oxidation. <i>Materials Chemistry and Physics</i> , 2020, 242, 122552.	2.0	6
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74	Hierarchical Nanostructured Pd/Co ₃ Nâ€“Ni ₃ N as an Efficient Catalyst for Ethanol Electrooxidation in Alkaline Media. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901875.	1.9	12
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76	PtPdCu nanodendrites enable complete ethanol oxidation by enhancing C C bond cleavage. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 118-125.	5.0	23
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115	Synthesis of Branched Au–PdAg Hybrid Nanosheets by Controlled Reduction in a Galvanic Replacement Reaction. <i>ChemNanoMat</i> , 0, , .	1.5	7
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