

Synthesis and catalytic properties of highly branched p seeded growth

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multi-Branched Plasmonic Gold Nanoechinus-Based Triple Modal Bioimaging: An Efficient NIR-to-NIR Up and Down-Conversion Emission and Photoacoustic Imaging. <i>Advanced Materials Technologies</i> , 2016, 1, 1600107.	3.0	12
2	Embedding colloidal nanoparticles inside mesoporous silica using gas expanded liquids for high loading recyclable catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 7212-7219.	2.1	11
3	Methylviologen Mediated Electrosynthesis of Palladium Nanoparticles Stabilized with CTAC. <i>Journal of the Electrochemical Society</i> , 2016, 163, G99-G106.	1.3	20
4	Magnetically Recoverable Pd/Fe ₃ O ₄ Core-Shell Nanowire Clusters with Increased Hydrogenation Activity. <i>ChemPlusChem</i> , 2017, 82, 347-351.	1.3	7
5	High yield synthesis of branched gold nanoparticles as excellent catalysts for the reduction of nitroarenes. <i>New Journal of Chemistry</i> , 2017, 41, 11250-11257.	1.4	11
6	Synthesis and Characterization of Branched <i>fcc/hcp</i> Ruthenium Nanostructures and Their Catalytic Activity in Ammonia Borane Hydrolysis. <i>Crystal Growth and Design</i> , 2018, 18, 1509-1516.	1.4	19
7	Pd-Ru core-shell nanoparticles with tunable shell thickness for active and stable oxygen evolution performance. <i>Nanoscale</i> , 2018, 10, 15173-15177.	2.8	42
8	Solution-Grown Dendritic Pt-Based Ternary Nanostructures for Enhanced Oxygen Reduction Reaction Functionality. <i>Nanomaterials</i> , 2018, 8, 462.	1.9	13
9	Synthesis of low- and high-index faceted metal (Pt, Pd, Ru, Ir, Rh) nanoparticles for improved activity and stability in electrocatalysis. <i>Nanoscale</i> , 2019, 11, 18995-19011.	2.8	110
10	Comparative study of cross-linked and linear thermo-responsive carriers supported palladium nanoparticles in the reduction of 4-nitrophenol: Structure, catalytic activity and responsive catalysis property. <i>Reactive and Functional Polymers</i> , 2019, 142, 104-111.	2.0	12
11	Dosimetric comparisons of intensity-modulated radiation therapy and three-dimensional conformal radiation therapy for left-sided breast cancer after radical surgery. <i>Precision Radiation Oncology</i> , 2019, 3, 80-86.	0.4	1
12	Concentration-Mediated Shape Evolution of Palladium Nanocrystals and Their Structure-Electrocatalytic Functionality. <i>Crystal Growth and Design</i> , 2019, 19, 1532-1539.	1.4	12
13	Highly Branched Palladium Nanodandelions: Simple, Fast, and Green Fabrication with Superior Oxygen Reduction Property. <i>Chemistry - A European Journal</i> , 2019, 25, 4920-4926.	1.7	9
14	Water soluble-palladium nanoparticle engineering for C-C coupling, reduction and cyclization catalysis. <i>Green Chemistry</i> , 2019, 21, 6646-6657.	4.6	30
15	Therapeutic nanodendrites: current applications and prospects. <i>Nanoscale Advances</i> , 2020, 2, 5152-5165.	2.2	15
16	High-Index-Facet- and High-Surface-Energy Nanocrystals of Metals and Metal Oxides as Highly Efficient Catalysts. <i>Joule</i> , 2020, 4, 2562-2598.	11.7	136
17	Polyol Silver Nanowire Synthesis and the Outlook for a Green Process. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-25.	1.5	23
18	Shape controlled iron oxide nanoparticles: inducing branching and controlling particle crystallinity. <i>CrystEngComm</i> , 2021, 23, 550-561.	1.3	15

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19	Synthetic Strategies to Enhance the Electrocatalytic Properties of Branched Metal Nanoparticles. <i>Accounts of Chemical Research</i> , 2022, 55, 1693-1702.	7.6	12
20	Oleic acid/oleylamine ligand pair: a versatile combination in the synthesis of colloidal nanoparticles. <i>Nanoscale Horizons</i> , 2022, 7, 941-1015.	4.1	61
21	Intermetallic Pd3Pb nanobranches with low-coordinated surface atoms for highly efficient ethanol oxidation reaction. <i>Applied Surface Science</i> , 2023, 610, 155311.	3.1	8