

Seeding a New Kind of Garden: Synthesis of Architectural Nanostructures by Seed-Mediated Co-Reduction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bimetallic Nanocrystals: Syntheses, Properties, and Applications. <i>Chemical Reviews</i> , 2016, 116, 10414-10472.	23.0	1,339
2	Shape-controlled synthesis of Au@Pd bimetallic nanocrystals for catalytic applications. <i>Chemical Society Reviews</i> , 2016, 45, 3916-3934.	18.7	228
3	Synthesis and sensing properties of D _{5h} pentagonal silver star nanoparticles. <i>Nanoscale</i> , 2016, 8, 18282-18290.	2.8	12
4	Competitive Effect in The Growth of Pd@Au@Pd Segmental Nanorods. <i>Chemistry of Materials</i> , 2016, 28, 7394-7403.	3.2	24
5	In-Plate and On-Plate Structural Control of Ultra-Stable Gold/Silver Bimetallic Nanoplates as Redox Catalysts, Nanobuilding Blocks, and Single-Nanoparticle Surface-Enhanced Raman Scattering Probes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27140-27150.	4.0	10
6	Peptide-Directed PdAu Nanoscale Surface Segregation: Toward Controlled Bimetallic Architecture for Catalytic Materials. <i>ACS Nano</i> , 2016, 10, 8645-8659.	7.3	58
7	Galvanic Replacement Coupled to Seeded Growth as a Route for Shape-Controlled Synthesis of Plasmonic Nanorattles. <i>Journal of the American Chemical Society</i> , 2016, 138, 11453-11456.	6.6	83
8	Noble Metal Nanostructure Synthesis at the Liquid@Substrate Interface: New Structures, New Insights, and New Possibilities. <i>Accounts of Chemical Research</i> , 2016, 49, 2243-2250.	7.6	46
9	Symmetry Breaking by Surface Blocking: Synthesis of Bimorphic Silver Nanoparticles, Nanoscale Fishes and Apples. <i>Scientific Reports</i> , 2016, 6, 32561.	1.6	16
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13	Intermetallic Nanocrystals: Syntheses and Catalytic Applications. <i>Advanced Materials</i> , 2017, 29, 1605997.	11.1	375
14	Multifaceted Gold@Palladium Bimetallic Nanorods and Their Geometric, Compositional, and Catalytic Tunabilities. <i>ACS Nano</i> , 2017, 11, 3213-3228.	7.3	60
15	Bimetallic Nanoparticles with Exotic Facet Structures via Iodide-Assisted Reduction of Palladium. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600422.	1.2	15
16	Au@Cu@Ag Nanorods Synthesized by Seed-Mediated Coreduction and Their Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600384.	1.2	11
17	When lithography meets self-assembly: a review of recent advances in the directed assembly of complex metal nanostructures on planar and textured surfaces. <i>Nanotechnology</i> , 2017, 28, 282002.	1.3	98
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27	Surface Passivation and Supersaturation: Strategies for Regioselective Deposition in Seeded Syntheses. <i>ACS Nano</i> , 2017, 11, 12624-12631.	7.3	24
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46	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
47	Controlled Overgrowth of Five-Fold Concave Nanoparticles into Plasmonic Nanostars and Their Single-Particle Scattering Properties. <i>ACS Nano</i> , 2019, 13, 10113-10128.	7.3	42
48	Building Random Alloy Surfaces from Intermetallic Seeds: A General Route to Strain-Engineered Electrocatalysts with High Durability. <i>ACS Applied Nano Materials</i> , 2019, 2, 4538-4546.	2.4	15
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