

Nanoscale kinetics of asymmetrical corrosion in core-shell

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Shell-Induced Ostwald Ripening: Simultaneous Structure, Composition, and Morphology Transformations during the Creation of Hollow Iron Oxide Nanocapsules. ACS Nano, 2018, 12, 9051-9059.	7.3	36
2	Particle Shape Control <i>via</i> Etching of Core@Shell Nanocrystals. ACS Nano, 2018, 12, 9186-9195.	7.3	11
3	Constant-rate dissolution of InAs nanowires in radiolytic water observed by <i>in situ</i> liquid cell TEM. Nanoscale, 2018, 10, 19733-19741.	2.8	28
4	A literature review of in situ transmission electron microscopy technique in corrosion studies. Micron, 2018, 112, 69-83.	1.1	39
5	Electrochemical Synthesis of Individual Core@Shell and Hollow Ag/Ag <sub>2</sub> S Nanoparticles. Nano Letters, 2019, 19, 5612-5619.	4.5	26
6	In Situ Transmission Electron Microscopy Study of Nanocrystal Formation for Electrocatalysis. ChemNanoMat, 2019, 5, 1439-1455.	1.5	14
7	Silica Restricting the Sulfur Volatilization of Nickel Sulfide for High-Performance Lithium-Ion Batteries. Advanced Energy Materials, 2019, 9, 1901153.	10.2	94
8	Intermediate Structures of Pt-Ni Nanoparticles during Selective Chemical and Electrochemical Etching. Journal of Physical Chemistry Letters, 2019, 10, 6090-6096.	2.1	25
9	Formation of cerium oxide hollow spheres and investigation of hollowing mechanism. SN Applied Sciences, 2019, 1, 1.	1.5	5
10	Shape-Controlled Synthesis of Trimetallic PtPdCu Nanocrystals and Their Electrocatalytic Properties. ACS Applied Energy Materials, 2019, 2, 2515-2523.	2.5	27
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12	Dissolution Behavior of Isolated and Aggregated Hematite Particles Revealed by in Situ Liquid Cell Transmission Electron Microscopy. Environmental Science & Technology, 2019, 53, 2416-2425.	4.6	20
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16	Kirkendall effect in the two-dimensional lattice-gas model. Physical Review E, 2019, 99, 012132.	0.8	3
17	Colorimetric captopril assay based on oxidative etching-directed morphology control of silver nanoprisms. Mikrochimica Acta, 2020, 187, 107.	2.5	18
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19	Lattice-mismatch-induced growth of ultrathin Pt shells with high-index facets for boosting oxygen reduction catalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16477-16486.	5.2	21
20	Selective shortening of gold nanorods: when surface functionalization dictates the reactivity of nanostructures. <i>Nanoscale</i> , 2020, 12, 22658-22667.	2.8	13
21	Uniform, Anticorrosive, and Antiabrasive Coatings on Metallic Surfaces for Cation-Metal and Cation-IE Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 38638-38646.	4.0	13
22	4D Multimodal Nanomedicines Made of Nonequilibrium Au-Fe Alloy Nanoparticles. <i>ACS Nano</i> , 2020, 14, 12840-12853.	7.3	53
23	Recent Advances in Earth-Abundant Core/Noble-Metal Shell Nanoparticles for Electrocatalysis. <i>ACS Catalysis</i> , 2020, 10, 10886-10904.	5.5	38
24	Liquid phase transmission electron microscopy for imaging of nanoscale processes in solution. <i>MRS Bulletin</i> , 2020, 45, 704-712.	1.7	26
25	Manipulating Bimetallic Nanostructures With Tunable Localized Surface Plasmon Resonance and Their Applications for Sensing. <i>Frontiers in Chemistry</i> , 2020, 8, 411.	1.8	28
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31	Enhancing Oxygen Reduction Activity of Pt-based Electrocatalysts: From Theoretical Mechanisms to Practical Methods. <i>Angewandte Chemie</i> , 2020, 132, 18490-18504.	1.6	24
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39	Synergy between Structure Characteristics and the Solution Chemistry in a Near/Non-Equilibrium Oxidative Etching of Penta-Twinned Palladium Nanorods. Journal of Physical Chemistry C, 2021, 125, 4010-4020.	1.5	8
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