

Aarthi Sundar

List of Publications by Year in descending order

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papers

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7
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503
citing authors

#	ARTICLE	IF	CITATIONS
1	Sacrificial Templates for Galvanic Replacement Reactions: Design Criteria for the Synthesis of Pure Pt Nanoshells with a Smooth Surface Morphology. <i>Chemistry of Materials</i> , 2014, 26, 3340-3347.	6.7	72
2	Photocatalytic Enhancements to the Reduction of 4-Nitrophenol by Resonantly Excited Triangular Gold-Copper Nanostructures. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17308-17315.	3.1	71
3	Dynamic templating: a large area processing route for the assembly of periodic arrays of sub-micrometer and nanoscale structures. <i>Nanoscale</i> , 2013, 5, 1929.	5.6	45
4	Mechanistic study of substrate-based galvanic replacement reactions. <i>Nano Research</i> , 2014, 7, 365-379.	10.4	32
5	Substrate-based galvanic replacement reactions carried out on heteroepitaxially formed silver templates. <i>Nano Research</i> , 2013, 6, 418-428.	10.4	26
6	Eutectic Combinations as a Pathway to the Formation of Substrate-Based Au-Ge Heterodimers and Hollowed Au Nanocrescents with Tunable Optical Properties. <i>Small</i> , 2014, 10, 3379-3388.	10.0	13
7	Organized Surfaces of Highly Faceted Single-Crystal Palladium Structures Seeded by Sacrificial Templates. <i>Crystal Growth and Design</i> , 2013, 13, 3847-3851.	3.0	11