

Rajesh Chalasani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cyclodextrin-Functionalized Fe ₃ O ₄ @TiO ₂ : Reusable, Magnetic Nanoparticles for Photocatalytic Degradation of Endocrine-Disrupting Chemicals in Water Supplies. ACS Nano, 2013, 7, 4093-4104.	14.6	267
2	Cyclodextrin functionalized magnetic iron oxide nanocrystals: a host-carrier for magnetic separation of non-polar molecules and arsenic from aqueous media. Journal of Materials Chemistry, 2012, 22, 14925.	6.7	53
3	Form, Content, and Magnetism in Iron Oxide Nanocrystals. Journal of Physical Chemistry C, 2011, 115, 18088-18093.	3.1	52
4	Engineering New Layered Solids from Exfoliated Inorganics: a Periodically Alternating Hydroxalcite " Montmorillonite Layered Hybrid. Scientific Reports, 2013, 3, 3498.	3.3	37
5	Composition Driven Monolayer to Bilayer Transformation in a Surfactant Intercalated Mg ²⁺ Al Layered Double Hydroxide. Langmuir, 2011, 27, 2308-2316.	3.5	18
6	Tuning magnetic response of epitaxial iron-silicide nanoislands by controlled self-assembled growth. Physical Review B, 2017, 96, .	3.2	18
7	Self-organized growth and magnetic properties of epitaxial silicide nanoislands. Applied Surface Science, 2017, 391, 24-32.	6.1	16
8	Strain in epitaxial MnSi films on Si(111) in the thick film limit studied by polarization-dependent extended x-ray absorption fine structure. Physical Review B, 2016, 94, .	3.2	12
9	Mapping Charge Distribution in Single PbS Core " CdS Arm Nano-Multipod Heterostructures by Off-Axis Electron Holography. Nano Letters, 2017, 17, 2778-2787.	9.1	10
10	Engineering helimagnetism in MnSi thin films. AIP Advances, 2016, 6, .	1.3	9