

Chandramouleeswaran Subramani

List of Publications by Year in descending order

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papers

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citations

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docs citations

24
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1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly and Cross-linking of FePt Nanoparticles at Planar and Colloidal Liquid-Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2008, 130, 10046-10047.	13.7	81
2	Nanoimprint Lithography for Functional Three-Dimensional Patterns. <i>Advanced Materials</i> , 2010, 22, 3608-3614.	21.0	71
3	Stable Magnetic Colloidosomes via Click-Mediated Crosslinking of Nanoparticles at Water-Oil Interfaces. <i>Small</i> , 2009, 5, 685-688.	10.0	66
4	Direct Fabrication of Functional and Biofunctional Nanostructures Through Reactive Imprinting. <i>Advanced Materials</i> , 2011, 23, 3165-3169.	21.0	48
5	Gold nanoparticle-PPE constructs as biomolecular material mimics: understanding the electrostatic and hydrophobic interactions. <i>Soft Matter</i> , 2009, 5, 607-612.	2.7	44
6	Direct patterning of quantum dot nanostructures via electron beam lithography. <i>Journal of Materials Chemistry</i> , 2011, 21, 16859.	6.7	41
7	Nanoimprinted Polyethyleneimine: A Multimodal Template for Nanoparticle Assembly and Immobilization. <i>Advanced Functional Materials</i> , 2009, 19, 2937-2942.	14.9	40
8	Direct Patterning of Engineered Ionic Gold Nanoparticles via Nanoimprint Lithography. <i>Advanced Materials</i> , 2012, 24, 6330-6334.	21.0	32
9	Fabrication of Robust Protein Films Using Nanoimprint Lithography. <i>Advanced Materials</i> , 2015, 27, 6251-6255.	21.0	29
10	Rapid Coating of Surfaces with Functionalized Nanoparticles for Regulation of Cell Behavior. <i>Advanced Materials</i> , 2014, 26, 3310-3314.	21.0	27
11	Chemoselective Nanoporous Membranes via Chemically Directed Assembly of Nanoparticles and Dendrimers. <i>Advanced Materials</i> , 2012, 24, 5862-5866.	21.0	25
12	Model systems for flavoenzyme activity: intramolecular self-assembly of a flavin derivative via hydrogen bonding and aromatic interactions. <i>Chemical Communications</i> , 2008, , 4126.	4.1	22
13	Cell Alignment using Patterned Biocompatible Gold Nanoparticle Templates. <i>Small</i> , 2012, 8, 1209-1213.	10.0	21
14	Molecular recognition at the liquid-liquid interface of colloidal microcapsules. <i>Chemical Communications</i> , 2009, , 4248.	4.1	20
15	Biocompatible Charged and Uncharged Surfaces Using Nanoparticle Films. <i>Advanced Materials</i> , 2010, 22, 5420-5423.	21.0	20
16	Recognition mediated encapsulation and isolation of flavin-polymer conjugates using dendritic guest moieties. <i>Chemical Communications</i> , 2010, 46, 2067.	4.1	16
17	Effect of Attapulгите filler on the properties of Nylon-6. <i>Polymer Composites</i> , 2008, 29, 890-893.	4.6	15
18	Hyperbranched Conjugated Polymers: Postfunctionalization. <i>Macromolecules</i> , 2010, 43, 2124-2129.	4.8	15

#	ARTICLE	IF	CITATIONS
19	Supramolecular Functionalization of Electron-Beam Generated Nanostructures. <i>Langmuir</i> , 2011, 27, 1543-1545.	3.5	15
20	Photooxidation of Nanopatterned Poly(chloromethylstyrene): Direct Formation of Crosslinked Aldehyde-Functionalized Films for Chemical Functionalization and Bioconjugation. <i>Macromolecular Rapid Communications</i> , 2010, 31, 910-914.	3.9	10
21	Direct photopatterning of light-activated gold nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 14156.	6.7	7
22	Simultaneous hydrogen bonding and π -stacking interactions between flavin/porphyrin host-guest systems. <i>Tetrahedron Letters</i> , 2011, 52, 2107-2110.	1.4	6
23	Recognition-Mediated Assembly of Quantum Dot Polymer Conjugates with Controlled Morphology. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6357-6366.	4.1	6