

Rakesh Banerjee

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

452
citations

932766

10
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

883
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-soluble polymeric chemosensor for detection of Cu ²⁺ ions with high selectivity and sensitivity. <i>Designed Monomers and Polymers</i> , 2016, 19, 669-678.	0.7	12
2	Polymer grafted magnetic nanoparticles for delivery of anticancer drug at lower pH and elevated temperature. <i>Journal of Colloid and Interface Science</i> , 2016, 467, 70-80.	5.0	50
3	Polymeric nanostructures with pH-labile core for controlled drug release. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 176-182.	5.0	13
4	Photoresponsive polymers based on a coumarin moiety for the controlled release of pesticide 2,4-D. <i>RSC Advances</i> , 2015, 5, 99968-99975.	1.7	44
5	pH-degradable and thermoresponsive water-soluble core cross-linked polymeric nanoparticles as potential drug delivery vehicle for doxorubicin. <i>RSC Advances</i> , 2015, 5, 83565-83575.	1.7	14
6	pH-Induced Vesicle-to-Micelle Transition in Amphiphilic Diblock Copolymer: Investigation by Energy Transfer between <i>in Situ</i> Formed Polymer Embedded Gold Nanoparticles and Fluorescent Dye. <i>Langmuir</i> , 2015, 31, 32-41.	1.6	42
7	Synthesis of a new rhodamine-containing block copolymer for highly selective and sensitive detection of Cu ²⁺ and CN ⁻ ions in aqueous media. <i>Polymer International</i> , 2014, 63, 1974-1981.	1.6	7
8	Synthesis of soluble core cross-linked polystyrene star polymer by application of acrylate-nitrile oxide click chemistry using metal-free reagents. <i>Green Chemistry</i> , 2014, 16, 1365-1373.	4.6	20
9	Functional Group-Dependent Self-Assembled Nanostructures from Thermo-Responsive Triblock Copolymers. <i>Langmuir</i> , 2014, 30, 4137-4146.	1.6	25
10	1-Acetylferroceneoxime-based photoacid generators: application towards sol-gel transformation and development of photoresponsive polymer for controlled wettability and patterned surfaces. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4622.	2.7	10
11	Spontaneous Formation of Vesicles by Self-Assembly of Cationic Block Copolymer in the Presence of Anionic Surfactants and Their Application in Formation of Polymer Embedded Gold Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3624-3633.	1.2	11
12	Thermal and pH Responsive Polymer-Tethered Multifunctional Magnetic Nanoparticles for Targeted Delivery of Anticancer Drug. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3884-3893.	4.0	204