

Abhishek Baral

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

797
citations

687363

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1125743

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docs citations

13
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Size specific emission in peptide capped gold quantum clusters with tunable photoswitching behavior. <i>Nanoscale</i> , 2017, 9, 4419-4429.	5.6	32
2	Blue Emitting Gold Cluster formation from Gold Nanorods: Selective and Sensitive Detection of Iron(III) ions in Aqueous Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1628-1637.	6.7	24
3	Different Color Emissive Copper Nanoclusters for Cancer Cell Imaging. <i>ChemNanoMat</i> , 2017, 3, 808-814.	2.8	19
4	A dipeptide-based superhydrogel: Removal of toxic dyes and heavy metal ions from waste water. <i>Biopolymers</i> , 2017, 108, e22915.	2.4	36
5	A Peptide-Based Mechano-sensitive, Proteolytically Stable Hydrogel with Remarkable Antibacterial Properties. <i>Langmuir</i> , 2016, 32, 1836-1845.	3.5	99
6	Peptide based hydrogels for cancer drug release: modulation of stiffness, drug release and proteolytic stability of hydrogels by incorporating α -amino acid residue(s). <i>Chemical Communications</i> , 2016, 52, 5045-5048.	4.1	106
7	Time-dependent gel to gel transformation of a peptide based supramolecular gelator. <i>Soft Matter</i> , 2015, 11, 4944-4951.	2.7	57
8	Tailor-made design of J- or H-aggregated naphthalenediimide-based gels and remarkable fluorescence turn on/off behaviour depending on solvents. <i>Chemical Communications</i> , 2015, 51, 780-783.	4.1	58
9	Preparation of multi-coloured different sized fluorescent gold clusters from blue to NIR, structural analysis of the blue emitting Au ₇ cluster, and cell-imaging by the NIR gold cluster. <i>Nanoscale</i> , 2015, 7, 1912-1920.	5.6	51
10	A fluorescent gold-cluster containing a new three-component system for white light emission through a cascade of energy transfer. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6574.	5.5	22
11	Assembly of an Injectable Noncytotoxic Peptide-Based Hydrogelator for Sustained Release of Drugs. <i>Langmuir</i> , 2014, 30, 929-936.	3.5	143
12	Tuning of Silver Cluster Emission from Blue to Red Using a Bio-Active Peptide in Water. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4050-4056.	8.0	46
13	An Amino Acid-Based Self-Healing Hydrogel: Modulation of the Self-Healing Properties by Incorporating Carbon-Based Nanomaterials. <i>Chemistry - A European Journal</i> , 2013, 19, 14950-14957.	3.3	104