

Publication List - January 2015

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| 1. | Beerana AE, Nazeerb SS, Fernandezc FB, Muvvala KS, Wunderlich W, Anil S, Vellappally S, Rao R, John A, Jayasree RS, Varma HK .An aqueous method for the controlled manganese (Mn ²⁺) substitution in superparamagnetic iron oxide nanoparticle for contrast enhancement in MRI. <i>Physical Chemistry Chemical Physics</i> . 2015;17:4609-19. | 4.198 |
| 2. | Dey S, Sreenivasan K. Conjugating Curcumin to Water Soluble Polymer Stabilized Gold Nanoparticles via pH Responsive Succinate Linker. <i>J. Mater. Chem B</i> . 2015;3:824-33. | |
| 3. | Gopu CL, Shanthikrishna, Sreenivasan K. Fluorimetric detection of hypochlorite using albumin stabilized gold nanoclusters. <i>Sensors and Actuators B</i> . 2015;209:798-802. | 4.101 |
| 4. | Gulia KK, Patel N, Kumar VM. Increased ultrasonic vocalizations and risk-taking in rat pups of sleep-deprived dams. <i>Physiol Behav</i> . 2015;139:59-66. | 3.150 |
| 5. | Selvam S, Pithapuram V M., Victor PS, Jayabalan M. Injectable in situ forming xylitol?PEG-based hydrogels for cell encapsulation and delivery. <i>Colloids and Surfaces B: Biointerfaces</i> . 2015;126:35-43. | 2.494 |
| 6. | Rethikala PK, Kalliyanakrishnan V. Photo polymerised PHEMA /PCL/PEG system as a potential wound dressing material. <i>Journal of Bioactive and Compatible polymers</i> . 2015; 30(1):74-86. | 2.500 |
| 7. | Rekha MR , Sharma CP. Simultaneous Effect of Thiolation and Carboxylation of Chitosan Particles Towards Mucoadhesive Oral Insulin Delivery Applications: An In Vitro and In Vivo Evaluation. <i>Journal of Biomedical Nanotechnology</i> . 2015;11:165-76. | 7.578 |
| 8. | Radhakrishnan A, Aswathy BS, Kumar VM, Gulia KK. Sleep deprivation during late pregnancy produces hyperactivity and increased risk-taking behavior in offspring. <i>Brain Research</i> . 2015;1596:88-89. | 2.957 |
| 9. | Dey S, Sreenivasan K. Conjugation of curcumin onto alginate enhances aqueous solubility and stability of curcumin. <i>Carbohydrate Polymers</i> . 2014;99:499-507. | 4.330 |
| 10. | Vibin M, Vinayakan R, John A, Fernandez FB, Abraham A. Effective cellular internalization of silica-coated CdSe quantum dots for high contrast cancer imaging and labeling applications. <i>Cancer Nanotechnology</i> . 2014;5:1. http://www.cancer-nano.com/content/pdf/s12645-014-0001-y.pdf | |
| 11. | Shanthikrishna, Radhakumary C, Antony M, Sreenivasan K. Functionalized carbon dots enable simultaneous bone crack detection and drug deposition. <i>J. Mater. Chem B</i> . 2014;48:8626-32. | |
| 12. | Nair RP, Joseph J, Harikrishnan VS, Kalliyanakrishnan V, Krishnan LK. Mechanically stable and functional dermal-like tissue generation on biodegradable PLGC-fibrin hybrid scaffold. <i>BioResearch Open Access</i> . 2014;3(5):217. | |