Prabhakar Dongre

List of Publications by Year
in descending order

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25 papers	911 citations	759233 12 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1388 citing authors

#	Article	IF	Citations
1	Study of Interaction of Silver Nanoparticles with Bovine Serum Albumin Using Fluorescence Spectroscopy. Journal of Fluorescence, 2011, 21, 2193-2199.	2.5	218
2	Systematic investigation on the interaction of bovine serum albumin with ZnO nanoparticles using fluorescence spectroscopy. Colloids and Surfaces B: Biointerfaces, 2013, 102, 257-264.	5.0	170
3	Albumin corona on nanoparticles â€“ a strategic approach in drug delivery. Drug Delivery, 2016, 23, 2668-2676.	5.7	150
4	Comprehensive studies on the interaction of copper nanoparticles with bovine serum albumin using various spectroscopies. Colloids and Surfaces B: Biointerfaces, 2014, 113, 276-284.	5.0	105
5	Studies on growth and characterization of CdS1â^'xSex (0.0â‰¤xâ‰¤1.0) alloy thin films by spray pyrolysis. Journal of Alloys and Compounds, 2010, 493, 179-185.	5.5	42
6	An efficient J-aggregate based fluorescence turn-on and ratiometric sensor for heparin. Sensors and Actuators B: Chemical, 2019, 301, 127089.	7.8	38
7	Multiple layer formation of bovine serum albumin on silver nanoparticles revealed by dynamic light scattering and spectroscopic techniques. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	31
8	Elucidation of structural and functional properties of albumin bound to gold nanoparticles. Journal of Biomolecular Structure and Dynamics, 2017, 35, 368-379.	3.5	27
9	An anionic polyelectrolyte induced aggregate assembly of Thioflavin-T: A prospective platform for Protamine sensing. International Journal of Biological Macromolecules, 2020, 164, 1174-1182.	7.5	19
10	Myc-binding protein orthologue interacts with AKAP240 in the central pair apparatus of the Chlamydomonas flagella. BMC Cell Biology, 2016, 17, 24.	3.0	17
11	Albumin nanoparticles conjugates binding with glycan - A strategic approach for targeted drug delivery. International Journal of Biological Macromolecules, 2019, 126, 74-90.	7.5	16
12	Bioactivity of Albumins Bound to Silver Nanoparticles. Protein Journal, 2014, 33, 258-266.	1.6	13
13	A nomogram for predicting the risk of neck node metastasis in pathologically nodeâ€negative oral cavity carcinoma. Oral Diseases, 2017, 23, 1087-1098.	3.0	11
14	UV Radiation Protection by Thermal Plasma Synthesized Zinc Oxide Nanosheets. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1211-1219.	3.7	8
15	Evaluation of automated image registration algorithm for image-guided radiotherapy (IGRT). Australasian Physical and Engineering Sciences in Medicine, 2012, 35, 311-319.	1.3	7
16	Inhibition of crude viper venom action by silver nanoparticles: A biophysical and biochemical study. Biophysics and Physicobiology, 2018, 15, 204-213.	1.0	7
17	Synthesis, antibacterial and antifungal activity of 1, 3-di(2-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (10H-ph	0.8	6
18	A Heparin based dual ratiometric sensor for Thrombin. International Journal of Biological Macromolecules, 2021, 167, 1371-1378.	7.5	6

#	Article	IF	Citations
19	Functionalized Alphaâ€lactalbumin Conjugated with Gold Nanoparticle for Targeted Drug Delivery. ChemistrySelect, 2020, 5, 2035-2049.	1.5	5
20	A molecular rotor based dual ratiometric sensor for heparinase. Dyes and Pigments, 2020, 181, 108528.	3.7	4
21	Î²-Lactoglobulin-gold nanoparticles interface and its interaction with some anticancer drugs â€“ an approach for targeted drug delivery. Journal of Biomolecular Structure and Dynamics, 2022, 40, 6193-6210.	3.5	4
22	Alterations in desmosomal adhesion at protein and ultrastructure levels during the sequential progressive grades of human oral tumorigenesis. European Journal of Oral Sciences, 2018, 126, 251-262.	1.5	3
23	â€œIs Macromolecular Crowding Overlooked?â€• Effects of Volume Exclusion on DNA-Amino Acids Complexes and Their Reconstitutes. Journal of Fluorescence, 2014, 24, 1275-1284.	2.5	2
24	Volume exclusion influences in spectral characteristics of DNA-amino acids complexes. Vibrational Spectroscopy, 2018, 99, 137-145.	2.2	2
25	Implications of Volume Exclusion: A Look at Thermodynamic Perspective of DNA-Hemoglobin Complexes and Their Reconstitutes Under Macromolecular Crowding. Journal of Fluorescence, 2016, 26, 355-362.	2.5	0