

Umesha Katrahalli

List of Publications by Year in descending order

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14
papers

534
citations

840119

11
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1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring the interactions between bovine serum albumin and ZnO/Ag nanoparticles by spectroscopic techniques. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 352-365.	2.0	2
2	Crystal structure, quantum chemical and Hirshfeld surface analysis of N-ethyl-6-methyl-2-oxo-4-phenyl-1,2,3,4-tetrahydropyrimidine-5-carboxamide. <i>Chemical Data Collections</i> , 2020, 25, 100328.	1.1	1
3	BSA interaction and DNA cleavage studies of anti-bacterial benzothiazol-2-yl-malonaldehyde. <i>Journal of Molecular Structure</i> , 2019, 1196, 96-104.	1.8	12
4	BSA binding and antibacterial studies of newly synthesized 5,6-Dihydroimidazo[2,1-b]thiazole-2-carbaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117192.	2.0	20
5	Synthesis, crystal studies and in vivo anti-hyperlipidemic activities of indole derivatives containing fluvastatin nucleus. <i>RSC Advances</i> , 2015, 5, 38748-38759.	1.7	8
6	Synthesis, crystal studies, anti-tuberculosis and cytotoxic studies of 1-[(2E)-3-phenylprop-2-enoyl]-1H-benzimidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 194-202.	2.6	34
7	The effect of anti-tubercular drug, ethionamide on the secondary structure of serum albumins: A biophysical study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 59, 102-108.	1.4	29
8	Interaction of triprolidine hydrochloride with serum albumins: Thermodynamic and binding characteristics, and influence of site probes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1180-1186.	1.4	115
9	Probing the binding of fluoxetine hydrochloride to human serum albumin by multispectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 314-319.	2.0	33
10	Study of the interaction between fluoxetine hydrochloride and bovine serum albumin in the imitated physiological conditions by multi-spectroscopic methods. <i>Journal of Luminescence</i> , 2010, 130, 211-216.	1.5	67
11	Mechanistic and conformational studies on the interaction of anti-inflammatory drugs, isoxicam and tenoxicam with bovine serum albumin. <i>Journal of Luminescence</i> , 2010, 130, 2052-2058.	1.5	17
12	Voltammetric and spectroscopic investigations on the mechanism of interaction of buzeptide methiodide with protein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 75-79.	2.5	19
13	Interaction of Bioactive Coomassie Brilliant Blue G with Protein: Insights from Spectroscopic Methods. <i>Scientia Pharmaceutica</i> , 2010, 78, 869-880.	0.7	27
14	Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug with DNA and their analytical applications. <i>Journal of Electroanalytical Chemistry</i> , 2009, 636, 93-100.	1.9	150