

# Umesha Katrahalli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1510615/publications.pdf>

Version: 2024-02-01

14  
papers

534  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.8	150
2	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.	2.8	115
3	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.	3.1	67
4	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.	5.5	34
5	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.	3.9	33
6	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.	2.8	29
7	Interaction of Bioactive Coomassie Brilliant Blue G with Protein: Insights from Spectroscopic Methods. <i>Scientia Pharmaceutica</i> , 2010, 78, 869-880.	2.0	27
8	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.	3.9	20
9	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.	5.0	19
10	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.	3.1	17
11	BSA interaction and DNA cleavage studies of anti-bacterial benzothiazol-2-yl-malonaldehyde. <i>Journal of Molecular Structure</i> , 2019, 1196, 96-104.	3.6	12
12	Synthesis, crystal studies and in vivo anti-hyperlipidemic activities of indole derivatives containing fluvastatin nucleus. <i>RSC Advances</i> , 2015, 5, 38748-38759.	3.6	8
13	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.	3.5	2
14	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.	2.3	1