

# 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

840119

11  
h-index

1058022

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.        | 1.9 | 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. | 1.4 | 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.        | 1.5 | 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.                  | 2.6 | 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.              | 2.0 | 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.                        | 1.4 | 29        |
| 7  | Interaction of Bioactive Coomassie Brilliant Blue G with Protein: Insights from Spectroscopic Methods. <i>Scientia Pharmaceutica</i> , 2010, 78, 869-880.   | 0.7 | 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.          | 2.0 | 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.                                    | 2.5 | 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.                          | 1.5 | 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.   | 1.8 | 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.   | 1.7 | 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.                               | 2.0 | 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.                  | 1.1 | 1         |