

# Siffeen Zehra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9496322/publications.pdf>

Version: 2024-02-01

10  
papers

292  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

341  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Chromone-Appended Zn(II) tRNA-Targeted Potential Anticancer Chemotherapeutic Agent: Structural Details, <i>in vitro</i> ctDNA/tRNA Binding, Cytotoxicity Studies And Antioxidant Activity. <i>ChemistrySelect</i> , 2022, 7, .  | 1.5 | 5         |
| 2  | Turn-on-benzophenone based fluorescence and colorimetric sensor for the selective detection of Fe <sup>2+</sup> in aqueous media: Validation of sensing mechanism by spectroscopic and computational studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119156. | 3.9 | 29        |
| 3  | Biochemical pathways of copper complexes: progress over the past 5 years. <i>Drug Discovery Today</i> , 2021, 26, 1086-1096.  | 6.4 | 47        |
| 4  | Structure elucidation, <i>in vitro</i> binding studies and ROS-dependent anti-cancer activity of Cu(II) and Zn(II) phthaloylglycinate(phen) complexes against MDA-MB-231 cells. <i>Metallomics</i> , 2021, 13, .  | 2.4 | 8         |
| 5  | RNA-targeted Cu(II)-based potential antitumor drug entity: comprehensive structural, biological {DNA/RNA binding, cleavage, cytotoxicity} and computational studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-14.  | 3.5 | 9         |
| 6  | Water soluble ionic Co(II), Cu(II) and Zn(II) diimine-glycinate complexes targeted to tRNA: structural description, <i>in vitro</i> comparative binding, cleavage and cytotoxic studies towards chemoresistant prostate cancer cells. <i>Dalton Transactions</i> , 2020, 49, 16830-16848.                       | 3.3 | 24        |
| 7  | Coumarin Derived Turn-on-Fluorescent Sensor for Selective Detection of Cadmium (II) Ion: Spectroscopic Studies and Validation of Sensing Mechanism by DFT Calculations. <i>Journal of Fluorescence</i> , 2019, 29, 1029-1037.   | 2.5 | 26        |
| 8  | Enantiomeric Amino Acid Schiff Base Copper(II) Complexes as a New Class of RNA-Targeted Metallo-Intercalators: Single X-ray Crystal Structural Details, Comparative <i>In Vitro</i> DNA/RNA Binding Profile, Cleavage, and Cytotoxicity. <i>ACS Omega</i> , 2019, 4, 7691-7705.                                 | 3.5 | 86        |
| 9  | New tailored substituted benzothiazole Schiff base Cu(II)/Zn(II) antitumor drug entities: effect of substituents on DNA binding profile, antimicrobial and cytotoxic activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1863-1879.   | 3.5 | 47        |
| 10 | New Ionic Cu(II) and Co(II) DACH-Flufenamate Conjugate Complexes: Spectroscopic Characterization, Single X-Ray Studies and Cytotoxic Activity on Human Cancer Cell Lines. <i>ChemistrySelect</i> , 2018, 3, 12764-12772.  | 1.5 | 11        |