

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