

# Xiu-Zhen Wang

## List of Publications by Year in descending order

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24  
papers

352  
citations

840776

11  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium(II) complexes: DNA-binding, cytotoxicity, apoptosis, cellular localization, cell cycle arrest, reactive oxygen species, mitochondrial membrane potential and western blot analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 94-104.	3.8	48
2	Design, synthesis and evaluation of anticancer activity of ruthenium (II) polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2017, 173, 93-104.	3.5	38
3	Synthesis and In Vitro Anticancer Activity of Novel Dehydroabietic Acid-Based Acylhydrazones. <i>Molecules</i> , 2017, 22, 1087.	3.8	26
4	Anticancer and antibacterial activity in vitro evaluation of iridium(III) polypyridyl complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 151-169.	2.6	25
5	Construction of pH-sensitive targeted micelle system co-delivery with curcumin and dasatinib and evaluation of anti-liver cancer. <i>Drug Delivery</i> , 2022, 29, 792-806.	5.7	25
6	Apoptosis, autophagy, cell cycle arrest, cell invasion and BSA-binding studies in vitro of ruthenium(II) polypyridyl complexes. <i>RSC Advances</i> , 2016, 6, 63143-63155.	3.6	24
7	Cytotoxicity, Cell Cycle Arrest, Antioxidant Activity and Interaction of Dibenzoxanthenes Derivatives with DNA. <i>DNA and Cell Biology</i> , 2012, 31, 1468-1474.	1.9	20
8	Isoliquiritigenin Induces Cytotoxicity in PC-12 Cells In Vitro. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 1173-1190.	2.9	19
9	Synthesis and Biological Evaluation of Novel Dehydroabietic Acid-Oxazolidinone Hybrids for Antitumor Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3116.	4.1	17
10	Dibenzoxanthenes induce apoptosis and autophagy in HeLa cells by modeling the PI3K/Akt pathway. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 187, 76-88.	3.8	14
11	Studies on apoptosis in HeLa cells via the ROS-mediated mitochondrial pathway induced by new dibenzoxanthenes. <i>New Journal of Chemistry</i> , 2016, 40, 5255-5267.	2.8	13
12	A Combined Self-Assembled Drug Delivery for Effective Anti-Breast Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2373-2388.	6.7	11
13	Cytotoxicity, apoptosis, interaction with DNA, cellular uptake, and cell cycle arrest of ruthenium(II) polypyridyl complexes containing 4,4'-dimethyl-2,2'-bipyridine as ancillary ligand. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3287-3298.	2.2	9
14	DNA-binding, antioxidant activity, and bioactivity studies of ruthenium(II) complexes containing amino substituents. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2423-2433.	2.2	9
15	Synthetic Dibenzoxanthene Derivatives Induce Apoptosis Through Mitochondrial Pathway in Human Hepatocellular Cancer Cells. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 145-160.	2.9	9
16	Synthesis, characterization, cytotoxicity, apoptosis and cell cycle arrest of dibenzoxanthenes derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 559-567.	3.9	8
17	Synthesis, Molecular Structure, DNA/Protein Binding, Cytotoxicity, Apoptosis, Reactive Oxygen Species, and Mitochondrial Membrane Potential of Dibenzoxanthenes Derivatives. <i>Journal of Membrane Biology</i> , 2015, 248, 951-965.	2.1	6
18	Treatment with dibenzoxanthenes inhibits proliferation and induces apoptosis of HepG2 cells via the intrinsic mitochondrial pathway. <i>RSC Advances</i> , 2016, 6, 72703-72714.	3.6	6

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19	Synthesis of novel dibenzoxanthene derivatives and observation of apoptosis in human hepatocellular cancer cells. <i>Bioorganic Chemistry</i> , 2017, 72, 333-344.	4.1	6
20	Synthesis, molecular structure, DNA interaction and antioxidant activity of novel naphthoxazole compound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 448-453.	3.9	5
21	Synthesis, biological activities studies of ruthenium(II) polypyridyl complexes. <i>Transition Metal Chemistry</i> , 2017, 42, 373-386.	1.4	5
22	Novel ethanocycloheptono [3,4,5-kl]benzo[a]xanthene induces apoptosis in BEL-7402 cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 445, 145-156.	3.1	4
23	Synthesis, molecular structure, DNA-binding, cytotoxicity, apoptosis and antioxidant activity of compounds containing aryloxazole. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 192-200.	5.5	3
24	Novel dibenzoxanthenes compounds inhibit human gastric cancer SGC-7901 cell growth by apoptosis. <i>Journal of Molecular Structure</i> , 2020, 1220, 128588.	3.6	2