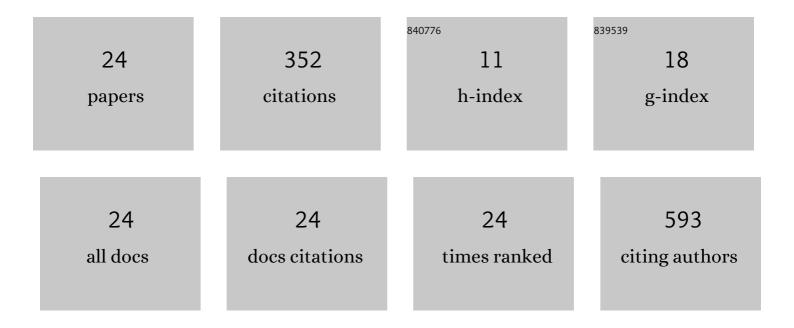
Xiu-Zhen Wang

List of Publications by Year in descending order

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#	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. Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 94-104.	3.8	48
2	Design, synthesis and evaluation of anticancer activity of ruthenium (II) polypyridyl complexes. Journal of Inorganic Biochemistry, 2017, 173, 93-104.	3.5	38
3	Synthesis and In Vitro Anticancer Activity of Novel Dehydroabietic Acid-Based Acylhydrazones. Molecules, 2017, 22, 1087.	3.8	26
4	Anticancer and antibacterial activity in vitro evaluation of iridium(III) polypyridyl complexes. Journal of Biological Inorganic Chemistry, 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. Drug Delivery, 2022, 29, 792-806.	5.7	25
6	Apoptosis, autophagy, cell cycle arrest, cell invasion and BSA-binding studies in vitro of ruthenium(<scp>ii</scp>) polypyridyl complexes. RSC Advances, 2016, 6, 63143-63155.	3.6	24
7	Cytotoxicity, Cell Cycle Arrest, Antioxidant Activity and Interaction of Dibenzoxanthenes Derivatives with DNA. DNA and Cell Biology, 2012, 31, 1468-1474.	1.9	20
8	Isoliquiritigenin Induces Cytotoxicity in PC-12 Cells In Vitro. Applied Biochemistry and Biotechnology, 2017, 183, 1173-1190.	2.9	19
9	Synthesis and Biological Evaluation of Novel Dehydroabietic Acid-Oxazolidinone Hybrids for Antitumor Properties. International Journal of Molecular Sciences, 2018, 19, 3116.	4.1	17
10	Dibenzoxanthenes induce apoptosis and autophagy in HeLa cells by modeling the PI3K/Akt pathway. Journal of Photochemistry and Photobiology B: Biology, 2018, 187, 76-88.	3.8	14
11	Studies on apoptosis in HeLa cells via the ROS-mediated mitochondrial pathway induced by new dibenzoxanthenes. New Journal of Chemistry, 2016, 40, 5255-5267.	2.8	13
12	A Combined Self-Assembled Drug Delivery for Effective Anti-Breast Cancer Therapy. International Journal of Nanomedicine, 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. Journal of Coordination Chemistry, 2012, 65, 3287-3298.	2.2	9
14	DNA-binding, antioxidant activity, and bioactivity studies of ruthenium(II) complexes containing amino substituents. Journal of Coordination Chemistry, 2013, 66, 2423-2433.	2.2	9
15	Synthetic Dibenzoxanthene Derivatives Induce Apoptosis Through Mitochondrial Pathway in Human Hepatocellular Cancer Cells. Applied Biochemistry and Biotechnology, 2018, 186, 145-160.	2.9	9
16	Synthesis, characterization, cytotoxicity, a poptosis and cell cycle arrest of dibenzoxanthenes derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 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. Journal of Membrane Biology, 2015, 248, 951-965.	2.1	6
18	Treatment with dibenzoxanthenes inhibits proliferation and induces apoptosis of HepG2 cells via the intrinsic mitochondrial pathway. RSC Advances, 2016, 6, 72703-72714.	3.6	6

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