Xue-Yi Le

List of Publications by Year
in descending order

21 papers	832 citations	623574 14 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	1264 citing authors

#	Article	IF	Citations
1	Dual-Enzyme Characteristics of Polyvinylpyrrolidone-Capped Iridium Nanoparticles and Their Cellular Protective Effect against H₂O₂-Induced Oxidative Damage. ACS Applied Materials & Interfaces, 2015, 7, 8233-8242.	4.0	169
2	Water-soluble DNA minor groove binders as potential chemotherapeutic agents: synthesis, characterization, DNA binding and cleavage, antioxidation, cytotoxicity and HSA interactions. Dalton Transactions, 2014, 43, 8721.	1.6	122
3	DNA-binding and cleavage studies of novel copper(II) complex with l-phenylalaninate and 1,4,8,9-tetra-aza-triphenylene ligands. Journal of Inorganic Biochemistry, 2005, 99, 2240-2247.	1.5	104
4	A new ternary copper(II) complex derived from 2-(2â€²-pyridyl)benzimidazole and glycylglycine: Synthesis, characterization, DNA binding and cleavage, antioxidation and HSA interaction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 22-33.	2.0	70
5	Synthesis, characterization, DNA binding and cleavage, HSA interaction and cytotoxicity of a new copper(II) complex derived from 2-(2â€²-pyridyl)benzothiazole and glycylglycine. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 276, 83-95.	2.0	63
6	Cu(II)â€“dipeptide complexes of 2-(4â€²-thiazolyl)benzimidazole: Synthesis, DNA oxidative damage, antioxidant and in vitro antitumor activity. Journal of Inorganic Biochemistry, 2015, 143, 77-87.	1.5	49
7	Two new Cu(II) dipeptide complexes based on 5-methyl-2-(2â€²-pyridyl)benzimidazole as potential antimicrobial and anticancer drugs: Special exploration of their possible anticancer mechanism. European Journal of Medicinal Chemistry, 2018, 154, 220-232.	2.6	47
8	Synthesis, crystal structures, molecular docking and in vitro cytotoxicity studies of two new copper(<scp>ii</scp>) complexes: special emphasis on their binding to HSA. New Journal of Chemistry, 2017, 41, 12429-12441.	1.4	36
9	Synthesis, DNA binding, antibacterial and anticancer properties of two novel water-soluble copper(II) complexes containing gluconate. European Journal of Medicinal Chemistry, 2021, 213, 113182.	2.6	32
10	Two new mixed copper(<scp>ii</scp>)â€“dipeptide complexes of N,N-donor heterocycle ligands: studies on their non-covalent DNA binding, chemical nuclease, antioxidant and anticancer activities. RSC Advances, 2016, 6, 35952-35965.	1.7	25
11	DNA binding, crystal structure, molecular docking studies and anticancer activity evaluation of a copper(II) complex. Transition Metal Chemistry, 2018, 43, 259-271.	0.7	24
12	Synthesis, characterization, DNA/HSA interactions and in vitro cytotoxic activities of two novel water-soluble copper(II) complexes with 1,3,5-triazine derivative ligand and amino acids. Materials Science and Engineering C, 2018, 91, 414-425.	3.8	20
13	Two Cu(II) complexes containing 2,4-diamino-6-(2-pyridyl)-1,3,5-triazine and amino acids: Synthesis, crystal structures, DNA/HSA binding, molecular docking, and in vitro cytotoxicity studies. Inorganica Chimica Acta, 2017, 465, 1-13.	1.2	18
14	Three new mixedâ€ligand copper(II) complexes containing glycylâ€<scp>l</scp>â€valine and N,Nâ€aromatic heterocyclic compounds: Synthesis, characterization, DNA interaction, cytotoxicity and antimicrobial activity. Applied Organometallic Chemistry, 2018, 32, e4126.	1.7	15
15	Identifying the existence of highly-fluorescent carboxylic group-rich carbon nanodots during a one-pot synthesis of branched polyethylenimine-passivated amine group-rich carbon nanodots. RSC Advances, 2015, 5, 40588-40594.	1.7	9
16	Sparfloxacin â€“ Cu(<scp>ii</scp>) â€“ aromatic heterocyclic complexes: synthesis, characterization and in vitro anticancer evaluation. Dalton Transactions, 2022, 51, 9878-9887.	1.6	9
17	A copper(II) complex of 6-(pyrazin-2-yl)-1,3,5-triazine-2,4-diamine and L-serinate: synthesis, crystal structure, DNA-binding and molecular docking studies. Transition Metal Chemistry, 2018, 43, 201-209.	0.7	8
18	Synthesis, crystal structures and DNA/human serum albumin binding of ternary Cu(II) complexes containing amino acids and 6â€(pyrazinâ€2â€yl)â€1,3,5â€triazineâ€2,4â€diamino. Applied Organometallic Chemistry, 2018, 32, e3994.	1.7	7

#	Article	IF	Citations
19	Synthesis, DNA interaction and SOD-like activities of copper(II) complexes: investigation of their DNA-interaction mechanism. Transition Metal Chemistry, 2019, 44, 603-613.	0.7	3
20	A Novel Cu(II) Coordination Polymer Containing Single-stranded Helical Chains: Crystal Structure, Thermal Stability, and Fluorescent Property. Molecular Crystals and Liquid Crystals, 2015, 606, 262-271.	0.4	2
21	Synthesis, Structure, and DNA Interaction of a New Ternary Copper(II) Complex With 2-(4â€²-thiazolyl)benzimidazole andL-isoleucinate. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 959-966.	0.6	0