

Yan-Cheng Liu

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70
papers

1,582
citations

24
h-index

37
g-index

71
ext. papers

1,849
ext. citations

4.6
avg, IF

4.53
L-index

#	Paper	IF	Citations
70	Stabilization of G-quadruplex DNA, inhibition of telomerase activity, and tumor cell apoptosis by organoplatinum(II) complexes with oxoisoaporphine. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 2159-79	8.3	118
69	Water-Soluble Ruthenium(II) Complexes with Chiral 4-(2,3-Dihydroxypropyl)-formamide Oxoaporphine (FOA): In Vitro and in Vivo Anticancer Activity by Stabilization of G-Quadruplex DNA, Inhibition of Telomerase Activity, and Induction of Tumor Cell Apoptosis. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 4771-89	8.3	90
68	The antitumor activity of zinc(II) and copper(II) complexes with 5,7-dihalo-substituted-8-quinolinoline. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 554-63	6.8	72
67	Studies on antitumor mechanism of two planar platinum(II) complexes with 8-hydroxyquinoline: synthesis, characterization, cytotoxicity, cell cycle and apoptosis. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 302-13	6.8	67
66	TCM active ingredient oxoglucine metal complexes: crystal structure, cytotoxicity, and interaction with DNA. <i>Inorganic Chemistry</i> , 2012 , 51, 1998-2009	5.1	64
65	Organometallic Gold(III) Complexes Similar to Tetrahydroisoquinoline Induce ER-Stress-Mediated Apoptosis and Pro-Death Autophagy in A549 Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3478-3490	8.3	56
64	High in vivo antitumor activity of cobalt oxoisoaporphine complexes by targeting G-quadruplex DNA, telomerase and disrupting mitochondrial functions. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 380-392	6.8	53
63	Potential new inorganic antitumour agents from combining the anticancer traditional Chinese medicine (TCM) liriodenine with metal ions, and DNA binding studies. <i>Dalton Transactions</i> , 2009 , 262-72	4.3	52
62	Synthesis, crystal structure, cytotoxicity and DNA interaction of 5,7-dichloro-8-quinolinolato-lanthanides. <i>European Journal of Medicinal Chemistry</i> , 2013 , 59, 194-202	6.8	49
61	Divalent later transition metal complexes of the traditional chinese medicine (TCM) liriodenine: coordination chemistry, cytotoxicity and DNA binding studies. <i>Dalton Transactions</i> , 2009 , 10813-23	4.3	47
60	Preparation of 4-([2,2',6',6'-terpyridin]-4-Syl)-N,N-diethylaniline Ni(II) and Pt(II) complexes and exploration of their in vitro cytotoxic activities. <i>European Journal of Medicinal Chemistry</i> , 2016 , 108, 1-12	6.8	40
59	Synthesis, characterization and biological evaluation of a cobalt(II) complex with 5-chloro-8-hydroxyquinoline as anticancer agent. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 740-747	3.1	40
58	Synthesis of two platinum(II) complexes with 2-methyl-8-quinolinol derivatives as ligands and study of their antitumor activities. <i>European Journal of Medicinal Chemistry</i> , 2019 , 161, 334-342	6.8	39
57	Synthesis, crystal structure, cytotoxicity and DNA interaction of 5,7-dibromo-8-quinolinolato-lanthanides. <i>European Journal of Medicinal Chemistry</i> , 2013 , 59, 168-75	6.8	36
56	High antitumor activity of 5,7-dihalo-8-quinolinolato cerium complexes. <i>European Journal of Medicinal Chemistry</i> , 2013 , 68, 454-62	6.8	35
55	High cytotoxicity of dihalo-substituted 8-quinolinolato-lanthanides. <i>Dalton Transactions</i> , 2011 , 40, 1684-22	4.3	35
54	Evaluation of the effect of iodine substitution of 8-hydroxyquinoline on its platinum(II) complex: cytotoxicity, cell apoptosis and telomerase inhibition. <i>MedChemComm</i> , 2016 , 7, 1802-1811	5	33

53	Platinum(II) complexes with mono-aminophosphonate ester targeting group that induce apoptosis through G1 cell-cycle arrest: synthesis, crystal structure and antitumour activity. <i>European Journal of Medicinal Chemistry</i> , 2013 , 63, 76-84	6.8	32
52	Synthesis, crystal structure and biological evaluation of a new dasatinib copper(II) complex as telomerase inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1597-1603	6.8	31
51	Novel tacrine platinum(II) complexes display high anticancer activity via inhibition of telomerase activity, dysfunction of mitochondria, and activation of the p53 signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 106-122	6.8	29
50	Copper(II/I) complexes of 5-pyridin-2-yl-[1,3]dioxolo[4,5-g]isoquinoline: synthesis, crystal structure, antitumor activity and DNA interaction. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 640-8	6.8	27
49	Synthesis and antitumor mechanisms of a copper(II) complex of anthracene-9-imidazoline hydrazone (9-AIH). <i>Metallomics</i> , 2015 , 7, 1124-36	4.5	26
48	An aminophosphonate ester ligand-containing platinum(ii) complex induces potent immunogenic cell death in vitro and elicits effective anti-tumour immune responses in vivo. <i>Chemical Communications</i> , 2019 , 55, 13066-13069	5.8	26
47	High antitumor activity of 5,7-dihalo-8-quinolinolato tin(IV) complexes. <i>European Journal of Medicinal Chemistry</i> , 2013 , 62, 51-8	6.8	25
46	Cytotoxicity, DNA binding and cell apoptosis induction of a zinc(II) complex of HBrQ. <i>MedChemComm</i> , 2015 , 6, 2224-2231	5	24
45	Synthesis of a platinum(II) complex with 2-(4-methoxy-phenyl) imidazo [4,5-f]-[1,10] phenanthroline and study of its antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 77-87	6.8	24
44	Synthesis, characterization, and in vitro antitumor properties of gold(III) compounds with the traditional Chinese medicine (TCM) active ingredient liriodenine. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 247-61	3.7	24
43	Synthesis, crystal structure, DNA interaction and cytotoxicity of a dinuclear nickel(II) complex with 5,7-dichloro-8-hydroxyquinoline. <i>Inorganica Chimica Acta</i> , 2012 , 382, 52-58	2.7	22
42	Synthesis and in vitro biological evaluation of three 4S(4-methoxyphenyl)-2,2S6S2?-terpyridine iridium(III) complexes as new telomerase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1387-1395	6.8	21
41	Cobalt(II) 8-hydroxyquinoline complexes: structure, cytotoxicity and action mechanism. <i>MedChemComm</i> , 2016 , 7, 806-812	5	21
40	Three novel transition metal complexes of 6-methyl-2-oxo-quinoline-3-carbaldehyde thiosemicarbazone: synthesis, crystal structure, cytotoxicity, and mechanism of action. <i>RSC Advances</i> , 2017 , 7, 17923-17933	3.7	20
39	Isoquinoline derivatives Zn(II)/Ni(II) complexes: Crystal structures, cytotoxicity, and their action mechanism. <i>European Journal of Medicinal Chemistry</i> , 2015 , 100, 68-76	6.8	18
38	Synthesis and antitumor mechanism of a new iron(iii) complex with 5,7-dichloro-2-methyl-8-quinolinol as ligands. <i>MedChemComm</i> , 2017 , 8, 633-639	5	17
37	Alkaloid-metal based anticancer agents. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 2104-15	3	17
36	Synthesis, Crystal Structure, Cytotoxicity, and Mechanism of Action of ZnII, MnII, and FeIII Complexes with 6-Hydroxyloxoisoaporphine. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1824-1834	2.3	16

35	Discovery of β -carboline copper(II) complexes as Mcl-1 inhibitor and <i>in vitro</i> and <i>in vivo</i> activity in cancer models. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111567	6.8	15
34	Studies on the structures, cytotoxicity and apoptosis mechanism of 8-hydroxylquinoline rhodium(III) complexes in T-24 cells. <i>New Journal of Chemistry</i> , 2016 , 40, 6005-6014	3.6	15
33	<i>In vitro</i> and <i>in vivo</i> anti-tumor activity of two gold(III) complexes with isoquinoline derivatives as ligands. <i>European Journal of Medicinal Chemistry</i> , 2019 , 163, 333-343	6.8	15
32	Synthesis and crystal structures of lanthanide complexes with foliage growth regulator: phenoxyalkanoic acid. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 2725-2734	1.6	14
31	Synthesis, characterization and biological evaluation of six highly cytotoxic ruthenium(II) complexes with 4-substituted-2,2',6',6''-terpyridine. <i>MedChemComm</i> , 2018 , 9, 525-533	5	13
30	Three platinum(II) complexes of 2-(methoxy-phenyl)-imidazo-[4,5-f]-[1,10] phenanthroline: cell apoptosis induction by sub-G1 phase cell cycle arrest and G-quadruplex binding properties. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 176-179	3.1	13
29	Synthesis, crystal structure, cytotoxicity and action mechanism of a Rh(III) complex with 8-hydroxy-2-methylquinoline as a ligand. <i>MedChemComm</i> , 2017 , 8, 184-190	5	13
28	Discovery of a Copper-Based Mcl-1 Inhibitor as an Effective Antitumor Agent. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 9154-9167	8.3	13
27	Preparation of 6/8/11-Amino/Chloro-Oxoisoaporphine and Group-10 Metal Complexes and Evaluation of Their <i>In Vitro</i> and <i>In Vivo</i> Antitumor Activity. <i>Scientific Reports</i> , 2016 , 6, 37644	4.9	13
26	Dihydroisoquinoline copper(II) complexes: crystal structures, cytotoxicity, and action mechanism. <i>RSC Advances</i> , 2015 , 5, 81313-81323	3.7	12
25	High <i>in vitro</i> anticancer activity of a dinuclear palladium(II) complex with a 2-phenylpyridine ligand. <i>Inorganic Chemistry Communication</i> , 2018 , 96, 106-110	3.1	12
24	Synthesis, Structure Characterization and Antitumor Activity Study of a New Iron(III) Complex of 5-Nitro-8-hydroxylquinoline (HNOQ). <i>Chemical and Pharmaceutical Bulletin</i> , 2016 , 64, 1208-17	1.9	11
23	Tryptanthrin derivative copper(II) complexes with high antitumor activity by inhibiting telomerase activity, and inducing mitochondria-mediated apoptosis and S-phase arrest in BEL-7402. <i>New Journal of Chemistry</i> , 2018 , 42, 15479-15487	3.6	10
22	Synthesis, crystal structure, cytotoxicity and action mechanism of Zn(II) and Mn(II) complexes with 4-([2,2':6',2''-terpyridin]-4'-yl)-N,N-diethylaniline as a ligand. <i>MedChemComm</i> , 2016 , 7, 1132-1137	5	7
21	Synthesis, crystal structure, cytotoxicity and cell apoptosis induction of a copper(II)-based Schiff base complex. <i>Inorganica Chimica Acta</i> , 2014 , 421, 260-266	2.7	6
20	Structural characterization and pharmacological assessment / of a new copper(II)-based derivative of enrofloxacin. <i>Metallomics</i> , 2020 , 12, 2145-2160	4.5	6
19	The copper(II) complexes of new anthrahydrazone ligands: <i>In vitro</i> and <i>in vivo</i> antitumor activity and structure-activity relationship. <i>Journal of Inorganic Biochemistry</i> , 2020 , 212, 111208	4.2	6
18	3-(1H-benzimidazol-2-yl)-chromen-2-ylideneamine platinum(II) and ruthenium(II) complexes exert their high <i>in vitro</i> antitumor activity by inducing S-phase arrest and disrupting mitochondrial functions in SK-OV-3/DDP tumor cells. <i>Polyhedron</i> , 2019 , 157, 219-224	2.7	6

17	A New Samarium(III) Complex of Liriodenine: Synthesis, Crystal Structure, Antitumor Activity, and DNA Binding Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 570-579	1.3	5
16	A new calcium(II) complex of marbofloxacin showing much lower acute toxicity with retained antibacterial activity. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110905	4.2	5
15	New anthrahydrazone derivatives and their cisplatin-like complexes: synthesis, antitumor activity and structure-activity relationship. <i>New Journal of Chemistry</i> , 2019 , 43, 18685-18694	3.6	4
14	A 9-chloro-5,6,7,8-tetrahydroacridine Pt(II) complex induces apoptosis of Hep-G2 cells via inhibiting telomerase activity and disrupting mitochondrial pathway. <i>Inorganic Chemistry Communication</i> , 2019 , 99, 77-81	3.1	4
13	Water Soluble Copper(II) and Zinc(II) Complexes of Mangiferin: Synthesis, Antitumour Activity and DNA Binding Studies. <i>Journal of Chemical Research</i> , 2016 , 40, 659-663	0.6	3
12	Bis[4-chloro-2-(quinolin-8-yl-imino-meth-yl)phenolato- κ (B) N,N κ O]cobalt(III) trichlorido-methano-lcobaltate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m278-9		3
11	New cytotoxic zinc(II) and copper(II) complexes of Schiff base ligands derived from homopiperonylamine and halogenated salicylaldehyde. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120171	2.7	3
10	One-Dimensional Chain Copper(II) and Nickel(II) Coordination Polymers With N-Salicylideneglycine Schiff Base Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012 , 42, 1262-1266		2
9	The first copper(I) complex of anthrahydrazone with potential ROS scavenging activity showed significant in vitro anticancer activity by inducing apoptosis and autophagy. <i>Journal of Inorganic Biochemistry</i> , 2021 , 218, 111390	4.2	2
8	Structure and Magnetic Properties of a 3d κ f-Doped Hexagonal Heterometallic Cluster. <i>Journal of Cluster Science</i> , 2019 , 30, 25-30	3	2
7	A New Calcium(II)-Based Substitute for Enrofloxacin with Improved Medicinal Potential.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
6	Oriented Synthesis of Chair-Shaped Ln κ + Ln κ Clusters and Magnetic Properties. <i>Journal of Cluster Science</i> , 2019 , 30, 337-341	3	1
5	A new magnesium(II) complex of marbofloxacin: Crystal structure, antibacterial activity and acute toxicity. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120065	2.7	1
4	Synthesis, Crystal Structure, and Cytotoxicity of a Copper(II) Complex With Matrine. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 43-47		
3	Syntheses, crystal structures and fluorescent properties of four one-dimensional lanthanide coordination polymers with 3-cyanobenzoato. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 2075-2081	1.6	
2	Synthesis and crystal structure of a novel three-dimensional inorganic open-framework: Cd κ (OH) κ (SO κ) κ . <i>Journal of Coordination Chemistry</i> , 2006 , 59, 1379-1384	1.6	
1	The copper(II) complex of dantron showed therapeutic effect on bacterial gill-rot disease in tilapia infected by <i>Flavobacterium columnar</i> .. <i>Journal of Inorganic Biochemistry</i> , 2022 , 232, 111841	4.2	