

Ming-Xiong Tan

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47
papers

662
citations

17
h-index

24
g-index

47
ext. papers

882
ext. citations

3.9
avg, IF

4.17
L-index

#	Paper	IF	Citations
47	Synthesis, characterization and preliminary cytotoxicity evaluation of five lanthanide(III)-plumbagin complexes. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 426-34	4.2	50
46	Cytotoxicity of the traditional chinese medicine (TCM) plumbagin in its copper chemistry. <i>Dalton Transactions</i> , 2009 , 10824-33	4.3	48
45	Synthesis, cytotoxic activity, and DNA binding properties of copper (II) complexes with hesperetin, naringenin, and apigenin. <i>Bioinorganic Chemistry and Applications</i> , 2009 , 347872	4.2	46
44	Strong in vitro and vivo cytotoxicity of novel organoplatinum(II) complexes with quinoline-coumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019 , 184, 111751	6.8	40
43	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
42	In vitro and in vivo antitumor activities of three novel binuclear platinum(II) complexes with 4'-substituted-2,2':6',2''-terpyridine ligands. <i>European Journal of Medicinal Chemistry</i> , 2019 , 170, 195-202	6.8	37
41	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
40	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
39	High in Vitro and in Vivo Tumor-Selective Novel Ruthenium(II) Complexes with 3-(2'-Benzimidazolyl)-7-fluoro-coumarin. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 936-940	4.3	28
38	Synthesis and antitumor mechanisms of two novel platinum(ii) complexes with 3-(2'-benzimidazolyl)-7-methoxycoumarin. <i>Metallomics</i> , 2018 , 10, 1160-1169	4.5	26
37	Two telomerase-targeting Pt(ii) complexes of jatrorrhizine and berberine derivatives induce apoptosis in human bladder tumor cells. <i>Dalton Transactions</i> , 2019 , 48, 15247-15254	4.3	25
36	Complexes of lanthanides(iii) with mixed 2,2'-bipyridyl and 5,7-dibromo-8-quinolinoline chelating ligands as a new class of promising anti-cancer agents. <i>Metallomics</i> , 2019 , 11, 1005-1015	4.5	24
35	Imaging and therapeutic applications of Zn(ii)-cryptolepine-curcumin molecular probes in cell apoptosis detection and photodynamic therapy. <i>Chemical Communications</i> , 2020 , 56, 3999-4002	5.8	24
34	Synthesis and in vitro biological evaluation of three 4'-(4-methoxyphenyl)-2,2':6',2''-terpyridine iridium(III) complexes as new telomerase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1387-1395	6.8	21
33	High in vitro and in vivo antitumor activities of luminescent platinum(II) complexes with jatrorrhizine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111727	6.8	20
32	Fluorescence Spectroscopy Study on the Interaction between Evodiamine and Bovine Serum Albumin. <i>Journal of Chemistry</i> , 2013 , 2013, 1-6	2.3	18
31	Complexes of oxoplatin with rhein and ferulic acid ligands as platinum(iv) prodrugs with high anti-tumor activity. <i>Dalton Transactions</i> , 2020 , 49, 1613-1619	4.3	17

30	Antioxidant Activities of Plumbagin and Its Cu (II) Complex. <i>Bioinorganic Chemistry and Applications</i> , 2011 , 2011, 898726	4.2	15
29	Synthesis, characterization and biological evaluation of six highly cytotoxic ruthenium(ii) complexes with 4'-substituted-2,2':6',2''-terpyridine. <i>MedChemComm</i> , 2018 , 9, 525-533	5	13
28	Synthesis and biological evaluation of substituted 3-(2'-benzimidazolyl)coumarin platinum(II) complexes as new telomerase inhibitors. <i>Journal of Inorganic Biochemistry</i> , 2018 , 189, 143-150	4.2	13
27	High in vitro 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
26	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
25	Mitochondria-localizing curcumin-cryptolepine Zn(II) complexes and their antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 30, 115948	3.4	8
24	Highly cytotoxic, cyclometalated iridium(III)-5-fluoro-8-quinolinol complexes as cancer cell mitochondriotropic agents. <i>New Journal of Chemistry</i> , 2020 , 44, 7832-7837	3.6	7
23	3-(1H-benzimidazol-2-yl)-chromen-2-ylideneamine platinum(II) and ruthenium(II) complexes exert their high in vitro 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
22	In vitro and in vivo activity of novel platinum(II) complexes with naphthalene imide derivatives inhibiting human non-small cell lung cancer cells. <i>New Journal of Chemistry</i> , 2019 , 43, 8146-8152	3.6	5
21	Two novel platinum(II) complexes with sorafenib and regorafenib: Synthesis, structural characterization, and evaluation of in vitro antitumor activity. <i>Inorganic Chemistry Communication</i> , 2019 , 104, 27-30	3.1	5
20	Platinum(ii) complexes with rutaecarpine and tryptanthrin derivatives induce apoptosis by inhibiting telomerase activity and disrupting mitochondrial function. <i>MedChemComm</i> , 2018 , 9, 1639-1648	5	5
19	Complexes of platinum(II/IV) with 2-phenylpyridine derivatives as a new class of promising anti-cancer agents. <i>Inorganic Chemistry Communication</i> , 2019 , 108, 107510	3.1	4
18	Transition metal complexes with 6,7-dichloro-5,8-quinolinedione as mitochondria-targeted anticancer agents. <i>Polyhedron</i> , 2020 , 181, 114482	2.7	4
17	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
16	Inhibition of telomerase activity and SK-OV-3/DDP cell apoptosis by rhodium(III) and iron(III) complexes with 4-(3-thiophenecarboxaldehyde)-2,2':6',2''-terpyridine. <i>Inorganic Chemistry Communication</i> , 2019 , 102, 180-184	3.1	3
15	Cyclometallated iridium(III)-5-bromo-8-quinolinol complexes as mitochondria-targeted anticancer agents. <i>Inorganic Chemistry Communication</i> , 2020 , 115, 107854	3.1	3
14	Synthesis, Characterization, and Cytotoxicity of the Cobalt (III) Complex with N,N-Diethyl-4-(2,2':6',2''-terpyridin-4'-yl)aniline. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800215	2.5	3
13	Complexes of Zn(II) with a mixed tryptanthrin derivative and curcumin chelating ligands as new promising anticancer agents.. <i>Dalton Transactions</i> , 2022 ,	4.3	3

12	Preparation of platinum(II) complexes with naphthalene imide derivatives and exploration of their in vitro cytotoxic activities. <i>Inorganic Chemistry Communication</i> , 2019 , 104, 124-128	3.1	2
11	Synthesis, characterization and the anticancer activity of six lanthanides(III) complexes with 5,7-dihalogenated-8-quinolinol and 2,2-bipyridine derivatives. <i>Transition Metal Chemistry</i> , 2020 , 45, 477-483	2.1	2
10	Strong in vitro and in vivo cytotoxic effects of two platinum(II) complexes with cryptolepine derivatives. <i>Medicinal Chemistry Research</i> , 2021 , 30, 1419-1426	2.2	2
9	Novel Fe and Co Complexes of Natural Product Tryptanthrin: Synthesis and Binding with G-Quadruplex DNA. <i>Bioinorganic Chemistry and Applications</i> , 2016 , 2016, 5075847	4.2	2
8	Highly Sensitive Electrochemical Aptasensor for Detection of Glypican-3 Using Hemin-Reduced Graphene Oxide-Platinum Nanoparticles Coupled with Conductive Reduced Graphene Oxide-Gold Nanoparticles.. <i>Journal of Biomedical Nanotechnology</i> , 2021 , 17, 2444-2454	4	2
7	Novel bifluorescent Zn(II)-cryptolepine-cyclen complexes trigger apoptosis induced by nuclear and mitochondrial DNA damage in cisplatin-resistant lung tumor cells.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 238, 114418	6.8	2
6	Synthesis, crystal structure and biological evaluation of three new Rh(III) complexes incorporating benzimidazole derivatives. <i>Inorganic Chemistry Communication</i> , 2020 , 118, 108017	3.1	1
5	New 5-chloro-8-hydroxyquinoline derivatives organometallic Ru(II)-arene complexes as antitumor agents. <i>Inorganic Chemistry Communication</i> , 2019 , 108, 107537	3.1	1
4	High cytotoxic and apoptotic effects of platinum(II) complexes bearing the 4-acridinol ligand. <i>New Journal of Chemistry</i> , 2020 , 44, 19885-19890	3.6	1
3	A novel Zn(II) coordination polymer based on tetra-carboxylates ligand and N-donor ligand: synthesis, structure and photocatalytic properties. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 667, 78-87	9.5	1
2	Synthesis, structures, and anticancer potentials of four platinum (II) complexes with benzopyran derivatives targeting mitochondria. <i>Inorganic Chemistry Communication</i> , 2020 , 122, 108267	3.1	0
1	Synthesis, structures and anticancer potentials of five platinum(II) complexes with benzothiazole-benzopyran targeting mitochondria. <i>Polyhedron</i> , 2021 , 196, 115004	2.7	0