

Xicheng Liu

List of Publications by Year in descending order

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59
papers

2,120
citations

236925

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243625

44
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59
docs citations

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times ranked

2768
citing authors

#	ARTICLE	IF	CITATIONS
1	An AIE-featured triphenyltin(IV)-triphenylamine acylhydrazone compound and anticancer application. <i>Dyes and Pigments</i> , 2022, 201, 110231.	3.7	7
2	Lysosomal Targeted Cyclometallic Iridium(III) Salicylaldehyde-Coumarin Schiff Base Complexes and Anticancer Application. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	4
3	Cyclometalated iridium(III) dithioformic acid complexes as mitochondria-targeted imaging and anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2022, 233, 111855.	3.5	7
4	Preparation and Bioactivity of Iridium(III) Phenanthroline Complexes with Halide Ions and Pyridine Leaving Groups. <i>ChemBioChem</i> , 2021, 22, 557-564.	2.6	4
5	Fluorescence Turn-off Magnetic Fluorinated Graphene Composite with High NIR Absorption for Targeted Drug Delivery. <i>ChemNanoMat</i> , 2021, 7, 71-77.	2.8	11
6	Metastable interface biomimetic synthesis of a smart nanosystem for enhanced starvation/gas therapy. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 149-157.	9.4	20
7	Preparation and antitumor application of <i>N</i> -phenylcarbazole/triphenylamine-modified fluorescent half-sandwich iridium(III) Schiff base complexes. <i>Dalton Transactions</i> , 2021, 50, 15888-15899.	3.3	4
8	In Vitro and In Vivo of Triphenylamine-Appended Fluorescent Half-Sandwich Iridium(III) Thiosemicarbazones Antitumor Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17063-17073.	4.0	14
9	Smart on-off-on fluorescent switches for drug visual loading and responsive delivery. <i>Dyes and Pigments</i> , 2020, 173, 107893.	3.7	27
10	Fluorescent COFs with a highly conjugated structure for visual drug loading and responsive release. <i>Chemical Communications</i> , 2020, 56, 519-522.	4.1	55
11	Lysosome-targeted iridium(III) compounds with pyridine-triphenylamine Schiff base ligands: syntheses, antitumor applications and mechanisms. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 91-100.	6.0	36
12	Dual functions of iridium(III) 2-phenylpyridine complexes: Metastasis inhibition and lysosomal damage. <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 110983.	3.5	17
13	Mesoporous TiO_2 Spheres as Advanced Anodes for Low-Cost, Safe, and High-Areal-Capacity Lithium-Ion Full Batteries. <i>ACS Applied Nano Materials</i> , 2020, 3, 1019-1027.	5.0	25
14	Preparation and the anticancer mechanism of configuration-controlled Fe^{II} - Ir^{III} heteronuclear metal complexes. <i>Dalton Transactions</i> , 2020, 49, 12599-12609.	3.3	14
15	Synthesis, structural characterization, and properties of triorganotin complexes of Schiff base derived from 3-aminobenzoic acid and salicylaldehyde or 2,4-pentanedione. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5790.	3.5	11
16	Triphenylamine/carbazole-modified ruthenium(II) Schiff base compounds: synthesis, biological activity and organelle targeting. <i>Dalton Transactions</i> , 2020, 49, 8774-8784.	3.3	18
17	Lysosome-targeted chemotherapeutics: Anticancer mechanism of N-heterocyclic carbene iridium(III) complex. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111063.	3.5	17
18	Fluorescent iridium(III) coumarin-salicylaldehyde Schiff base compounds as lysosome-targeted antitumor agents. <i>Dalton Transactions</i> , 2020, 49, 5988-5998.	3.3	25

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19	Imidazole and Benzimidazole Modified Half-Sandwich Iridium(III)-Heterocyclic Carbene Complexes: Synthesis, Anticancer Application, and Organelle Targeting. <i>Frontiers in Chemistry</i> , 2020, 8, 182.	3.6	10
20	Half-sandwich Iridium(III) complexes with triphenylamine-substituted dipyrindine frameworks and bioactivity applications. <i>Dyes and Pigments</i> , 2019, 160, 217-226.	3.7	29
21	Half-sandwich Ruthenium (II) complexes with triphenylamine modified dipyrindine skeleton and application in biology/luminescence imaging. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5171.	3.5	10
22	Triphenylamine-appended cyclometallated iridium(III) complexes: Preparation, photophysical properties and application in biology/luminescence imaging. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110757.	3.5	16
23	Ferrocene-Appended Iridium(III) Complexes: Configuration Regulation, Anticancer Application, and Mechanism Research. <i>Inorganic Chemistry</i> , 2019, 58, 14175-14184.	4.0	43
24	Synthesis, structural characterization and cytotoxic activity of triorganotin 5-(salicylideneamino)salicylates. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4715.	3.5	20
25	Triphenylamine and carbazole-modified iridium(III)-2-phenylpyridine complexes: Synthesis, anticancer application and targeted research. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5053.	3.5	4
26	New Organometallic Tetraphenylethylene-Iridium(III) Complexes with Antineoplastic Activity. <i>ChemBioChem</i> , 2019, 20, 2767-2776.	2.6	12
27	Serendipitous Synthesis of Five-Coordinated Half-Sandwich Aminoimine Iridium(III) and Ruthenium(II) Complexes and Their Application as Potent Anticancer Agents. <i>Inorganic Chemistry</i> , 2019, 58, 5956-5965.	4.0	18
28	Formal [4 + 2] Annulation of Oxindole-Embedded ortho-Quinone Methides with 1,3-Dicarbonyls: Synthesis of Spiro[Chromen-4,3-Oxindole] Scaffolds. <i>Journal of Organic Chemistry</i> , 2019, 84, 3990-3999.	3.2	21
29	Highly fluorescent N-doped carbon dots with two-photon emission for ultrasensitive detection of tumor marker and visual monitor anticancer drug loading and delivery. <i>Chemical Engineering Journal</i> , 2019, 356, 994-1002.	12.7	162
30	Half-sandwich iridium(III) complexes with β -picolinic acid frameworks and antitumor applications. <i>Journal of Inorganic Biochemistry</i> , 2019, 192, 52-61.	3.5	31
31	Ferrocenyl-Triphenyltin Complexes as Lysosome-Targeted Imaging and Anticancer Agents. <i>Inorganic Chemistry</i> , 2019, 58, 1710-1718.	4.0	20
32	Dearomative [4+2] Cycloaddition of Oxindole-Embedded ortho-Quinone Methides with 2,5-Dialkylfurans. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1453-1458.	4.3	17
33	Multifunctional fluorescent PEGylated fluorinated graphene for targeted drug delivery: An experiment and DFT study. <i>Dyes and Pigments</i> , 2019, 162, 573-582.	3.7	60
34	Triphenyltin(IV) acylhydrazone compounds: Synthesis, structure and bioactivity. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 194-202.	3.5	15
35	Impact of Peripheral Groups on Phenothiazine-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2018, 3, 1145-1152.	17.4	125
36	Triphenylamine-Appended Half-Sandwich Iridium(III) Complexes and Their Biological Applications. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1500-1509.	3.3	37

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37	[(1-5-pentamethylcyclopentadienyl)(3-fluoro-N-methylbenzylamine- δ^9 1,N)dichlorido]iridium(III). MolBank, 2018, 2018, M999.	0.5	1
38	Hydride transfer initiated ring expansion of pyrrolidines toward highly functionalized tetrahydro-1-benzazepines. Chemical Communications, 2018, 54, 13833-13836.	4.1	57
39	Boosting the Stability of Perovskite Solar Cells through a Dopant-Free Tetraphenylbenzidine-Based Hole Transporting Material. ChemistrySelect, 2018, 3, 13032-13037.	1.5	6
40	Half-sandwich Iridium(III) Benzimidazole-Appended Imidazolium-Based π -N-heterocyclic Carbene Complexes and Antitumor Application. Chemistry - an Asian Journal, 2018, 13, 3697-3705.	3.3	29
41	Half-sandwich Iridium(III) N-heterocyclic carbene antitumor complexes and biological applications. Journal of Inorganic Biochemistry, 2018, 189, 163-171.	3.5	31
42	Organocatalytic Dearomative [4 + 2] Cycloadditions of Biomass-Derived 2,5-Dimethylfuran with $ortho$ -Quinone Methides: Access to Multisubstituted Chromanes. Organic Letters, 2018, 20, 6069-6073.	4.6	30
43	Mitochondria-targeted half-sandwich ruthenium(II) diimine complexes: anticancer and antimetastasis via ROS-mediated signalling. Inorganic Chemistry Frontiers, 2018, 5, 2100-2105.	6.0	72
44	Imine-N-heterocyclic Carbenes as Versatile Ligands in Ruthenium(II) p -Cymene Anticancer Complexes: A Structure-Activity Relationship Study. Chemistry - an Asian Journal, 2018, 13, 2923-2933.	3.3	43
45	Novel iridium(III) iminopyridine complexes: synthetic, catalytic, and in vitro anticancer activity studies. Journal of Biological Inorganic Chemistry, 2018, 23, 819-832.	2.6	26
46	Stable Perovskite Solar Cells based on Hydrophobic Triphenylamine Hole-Transport Materials. Energy Technology, 2017, 5, 312-320.	3.8	31
47	Dopant-Free Hole-Transport Material with a Tetraphenylethene Core for Efficient Perovskite Solar Cells. Energy Technology, 2017, 5, 1257-1264.	3.8	19
48	Dopant-free and low-cost molecular π -hole-transporting materials for efficient and stable perovskite solar cells. Journal of Materials Chemistry C, 2017, 5, 11429-11435.	5.5	40
49	Over 20% PCE perovskite solar cells with superior stability achieved by novel and low-cost hole-transporting materials. Nano Energy, 2017, 41, 469-475.	16.0	232
50	Fluorinated carbon fiber as a novel nanocarrier for cancer chemo-photothermal therapy. Journal of Materials Chemistry B, 2017, 5, 6128-6137.	5.8	33
51	Dopant-free star-shaped hole-transport materials for efficient and stable perovskite solar cells. Dyes and Pigments, 2017, 136, 273-277.	3.7	83
52	Efficient, Stable, Dopant-Free Hole-Transport Material with a Triphenylamine Core for $CH_3NH_3PbI_3$ Perovskite Solar Cells. Energy Technology, 2017, 5, 1173-1178.	3.8	25
53	Small molecular hole-transporting and emitting materials for hole-only green organic light-emitting devices. Dyes and Pigments, 2016, 131, 41-48.	3.7	22
54	A novel one-step synthesized and dopant-free hole transport material for efficient and stable perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 16330-16334.	10.3	87

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55	Dopant-free Donor (D)-free Conjugated Hole-Transport Materials for Efficient and Stable Perovskite Solar Cells. <i>ChemSusChem</i> , 2016, 9, 2578-2585.	6.8	83
56	Highly Efficient perovskite Solar Cells Utilizing Novel Low-temperature Solution-processed Hole Transport Materials with Linear Conjugated Structure. <i>Small</i> , 2016, 12, 4902-4908.	10.0	53
57	Film-forming hole transporting materials for high brightness flexible organic light-emitting diodes. <i>Dyes and Pigments</i> , 2016, 125, 36-43.	3.7	13
58	Synthesis of novel s-triazine/carbazole based bipolar molecules and their application in phosphorescent OLEDs. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6563-6571.	2.2	4
59	Energy level tuning of TPB-based hole-transporting materials for highly efficient perovskite solar cells. <i>Chemical Communications</i> , 2014, 50, 15239-15242.	4.1	134