

# Hong-Ke Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,977  
citations

394421

19  
h-index

243625

44  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Complexes as DNA Intercalators. <i>Accounts of Chemical Research</i> , 2011, 44, 349-359.	15.6	617
2	Diversity in Guanine-Selective DNA Binding Modes for an Organometallic Ruthenium Arene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8153-8156.	13.8	132
3	Epileptic brain fluorescent imaging reveals apigenin can relieve the myeloperoxidase-mediated oxidative stress and inhibit ferroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10155-10164.	7.1	92
4	Photoactivated Lysosomal Escape of a Monofunctional Pt <sup>II</sup> Complex Pt@BDPA for Nucleus Access. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12661-12666.	13.8	89
5	Ruthenation of Duplex and Single-Stranded d(CGCCG) by Organometallic Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 6151-6165.	3.3	72
6	Facile fabrication of a hierarchical NiCoFeP hollow nanoprism for efficient oxygen evolution in the Zn-air battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24964-24972.	10.3	65
7	Penetrative DNA intercalation and G-base selectivity of an organometallic tetrahydroanthracene RuII anticancer complex. <i>Chemical Science</i> , 2010, 1, 258.	7.4	63
8	What can pK <sub>a</sub> and NBO charges of the ligands tell us about the water and thermal stability of metal organic frameworks?. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16250-16267.	10.3	63
9	Syntheses of Exceptionally Stable Aluminum(III) Metal-Organic Frameworks: How to Grow High-Quality, Large, Single Crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 15518-15528.	3.3	60
10	Discrete and infinite 1D, 2D/3D cage frameworks with inclusion of anionic species and anion-exchange reactions of Ag <sub>3</sub> L <sub>2</sub> type receptor with tetrahedral and octahedral anions. <i>Dalton Transactions</i> , 2008, , 3178.	3.3	54
11	<i>In Vivo</i> Brain Imaging of Amyloid- $\beta$ Aggregates in Alzheimer's Disease with a Near-Infrared Fluorescent Probe. <i>ACS Sensors</i> , 2021, 6, 863-870.	7.8	46
12	A nitrogen-doped NiCo <sub>2</sub> S <sub>4</sub> /CoO hollow multi-layered heterostructure microsphere for efficient oxygen evolution in Zn-air batteries. <i>Nanoscale</i> , 2021, 13, 810-818.	5.6	38
13	Metal-Organic Framework-Derived Fe-Doped Co <sub>1.11</sub> Te <sub>2</sub> Embedded in Nitrogen-Doped Carbon Nanotube for Water Splitting. <i>ChemSusChem</i> , 2020, 13, 5239-5247.	6.8	34
14	Novel Blood-Compatible Polyurethane Ionomer Nanoparticles. <i>Macromolecules</i> , 2009, 42, 9366-9368.	4.8	32
15	Using bio-orthogonally catalyzed lethality strategy to generate mitochondria-targeting anti-tumor metallodrugs <i>in vitro</i> and <i>in vivo</i> . <i>National Science Review</i> , 2021, 8, nwaa286.	9.5	30
16	A lysosome-targeted ruthenium(II) polypyridyl complex as photodynamic anticancer agent. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111132.	3.5	24
17	Two solvent and temperature dependent copper(ii) compounds formed by a flexible ligand: syntheses, structures and SC-SC transformation. <i>Dalton Transactions</i> , 2012, 41, 7590.	3.3	23
18	Imaging of a clickable anticancer iridium catalyst. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 179-185.	3.5	23

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19	[Ni(C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> ) <sub>4</sub> ][H <sub>5</sub> PMoVI <sub>8</sub> VIV <sub>4</sub> O <sub>40</sub> (VIVO) <sub>2</sub> ] $\cdot$ 8H <sub>2</sub> O: confinement of heteropoly anions in Ni-containing rigid concave surfaces with high catalytic activity in the oxidation of styrene. <i>CrystEngComm</i> , 2012, 14, 5148.	2.6	20
20	Bioactive ruthenium(II)-arene complexes containing modified 18 $\beta$ -glycyrrhetic acid ligands. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 194-199.	3.5	19
21	A new strategy to construct metal-organic frameworks with ultrahigh chemical stability. <i>CrystEngComm</i> , 2014, 16, 8656-8659.	2.6	18
22	Hydrogen sulfide triggered molecular agent for imaging and cancer therapy. <i>Chemical Communications</i> , 2021, 57, 1931-1934.	4.1	18
23	Photoactivated Osmium Arene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17450-17461.	4.0	18
24	Synthesis and structures of helical and meso-helical coordination polymers directed by the conformation restriction of flexible/angular pyridine-containing ligands. <i>CrystEngComm</i> , 2010, 12, 4356.	2.6	17
25	Facile formation of Fe-doped NiCoP hollow nanocages as bifunctional electrocatalysts for overall water splitting. <i>CrystEngComm</i> , 2021, 23, 3861-3869.	2.6	17
26	Monitoring hydrogen polysulfide during ferroptosis with a two-photon fluorescent probe. <i>Talanta</i> , 2021, 232, 122467.	5.5	17
27	Ruthenium(II)-Arene Metallacycles: Crystal Structures, Interaction with DNA, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1792-1799.	2.0	16
28	Rigid dinuclear ruthenium-arene complexes showing strong DNA interactions. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 30-39.	3.5	16
29	A 6-fold interpenetrated ThSi <sub>2</sub> topological metal-organic framework from a nanosized tripodal aromatic acid. <i>CrystEngComm</i> , 2012, 14, 5166.	2.6	15
30	Synthesis of an exceptional water-stable two-fold interpenetrated Zn-paddlewheel metal-organic framework. <i>CrystEngComm</i> , 2015, 17, 5906-5910.	2.6	15
31	Shape-controlled synthesis of Fe <sub>2</sub> O <sub>3</sub> nanocrystals for efficient adsorptive removal of Congo red. <i>RSC Advances</i> , 2015, 5, 49696-49702.	3.6	14
32	Enhanced Catalytic Performance for Oxygen Reduction Reaction Derived from Nitrogen-Rich Tetrazolate-Based Heterometallic Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2019, 19, 2991-2999.	3.0	14
33	Fighting metallodrug resistance through alteration of drug metabolism and blockage of autophagic flux by mitochondria-targeting AIEgens. <i>Chemical Science</i> , 2022, 13, 1428-1439.	7.4	14
34	Photoactivated Lysosomal Escape of a Monofunctional Pt II Complex Pt-BDPA for Nucleus Access. <i>Angewandte Chemie</i> , 2019, 131, 12791-12796.	2.0	13
35	Unveiling the anti-cancer mechanism for half-sandwich and cyclometalated Ir(III)-based complexes with functionalized Lipoic acid. <i>RSC Advances</i> , 2020, 10, 5392-5398.	3.6	13
36	Synthesis and characterization of oxidovanadium complexes as enzyme inhibitors targeting dipeptidyl peptidase IV. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 29-35.	3.5	12

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37	Efficient MO Dye Degradation Catalyst of Cu(I)-Based Coordination Complex from Dissolution–Recrystallization Structural Transformation. <i>Crystal Growth and Design</i> , 2021, 21, 333-343.	3.0	12
38	Mitochondria-targeted Pt(IV) prodrugs conjugated with an aggregation-induced emission luminogen against breast cancer cells by dual modulation of apoptosis and autophagy inhibition. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111653.	3.5	12
39	Selective Targeting of the Zinc Finger Domain of HIV Nucleocapsid Protein NCp7 with Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 19146-19151.	3.3	11
40	A Rhodium-Based Rh(III) Arene Complex with Anti-Tumor Cell Proliferative Activity Inhibits RNA Demethylase FTO. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1156-1164.	4.9	11
41	A dual functional ruthenium arene complex induces differentiation and apoptosis of acute promyelocytic leukemia cells. <i>Chemical Science</i> , 2019, 10, 9721-9728.	7.4	10
42	Biotinylated curcumin as a novel chemosensitizer enhances naphthalimide-induced autophagic cell death in breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 114029.	5.5	10
43	Head-to-head double-hamburger-like structure of di-ruthenated d(GpC) adducts of mono-functional Ru <sup>II</sup> arene anticancer complexes. <i>Dalton Transactions</i> , 2016, 45, 18676-18688.	3.3	8
44	Coordination-Bond-Driven Dissolution–Recrystallization Structural Transformation with the Expansion of Cuprous Halide Aggregate. <i>Inorganic Chemistry</i> , 2020, 59, 13326-13334.	4.0	7
45	A self-immolated fluorogenic agent triggered by H <sub>2</sub> S exhibiting potential anti-glioblastoma activity. <i>Analyst</i> , 2021, 146, 3510-3515.	3.5	7
46	(M3L4 + M2L4): a unique example of a co-crystal containing M3L4 and M2L4 metallocages. <i>CrystEngComm</i> , 2013, 15, 10311.	2.6	6
47	Tetrazolate-Based Cadmium(II) Fluorescent Metal-Organic Frameworks for Iron(III) Sensing and Methylene Blue (MB) Capture. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5066-5072.	2.0	6
48	Modification of surface electronic structure via Ru-doping: Porous Ru-CoFeP nanocubes to boost the oxygen evolution reaction. <i>Journal of Power Sources</i> , 2022, 537, 231506.	7.8	5
49	A novel strategy to construct Janus metallamacrocycles with both a Ru <sup>II</sup> arene face and an imidazolium face. <i>Dalton Transactions</i> , 2017, 46, 16205-16215.	3.3	4
50	Geometric bionics: Lotus effect helps polystyrene nanotube films get good blood compatibility. <i>Nature Precedings</i> , 2009, , .	0.1	3