

# Yi-Hung Liu

## List of Publications by Year in descending order

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93  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Ion-Induced Mechanical Chirality: Achiral Rotaxane as the Only Ligand in Chiral Palladium(II)-N-Heterocyclic Carbene Complexes. <i>Organic Letters</i> , 2022, 24, 1996-2001.	4.6	1
2	Chiral Bis(oxazoline) Ligand-Supported Alkyl Aluminum Cations. <i>ChemCatChem</i> , 2022, 14, .	3.7	4
3	Palladium-Catalyzed Vinylation of Cyclopentenes with Inverted <i>Z,E</i> -Isomerism of Vinyllic Substrates. <i>Organic Letters</i> , 2022, 24, 3373-3377.	4.6	3
4	Porous Supramolecular Assembly of Pentiptycene-Containing Gold(I) Complexes: Persistent Excited-State Auophilicity and Inclusion-Induced Emission Enhancement. <i>Inorganic Chemistry</i> , 2022, 61, 11981-11991.	4.0	4
5	Chiral Tetra-coordinate Aluminum Cation in Catalysis. <i>Organometallics</i> , 2021, 40, 1244-1251.	2.3	4
6	Tetra- and Dinuclear Palladium Complexes Based on a Ligand of 2,8-Di-2-pyridinylanthridine: Preparation, Characterization, and Catalytic Activity. <i>Organometallics</i> , 2021, 40, 2081-2089.	2.3	3
7	Chapter Open for the Excited-State Intramolecular Thiol Proton Transfer in the Room-Temperature Solution. <i>Journal of the American Chemical Society</i> , 2021, 143, 12715-12724.	13.7	51
8	Complementarity of 2,6-Dimethanolpyridine and Di(ethylene glycol) in the Complexation of Na <sup>+</sup> Ions: Attaching Multiple Copies of [2]Catenane Branches to Isophthalaldehyde-Containing Cores. <i>Journal of Organic Chemistry</i> , 2021, 86, 13491-13502.	3.2	1
9	[B <sup>+</sup> Cl <sup>-</sup> B] <sup>+</sup> Cations: Chloroborane Masked Chiral Borenium Ions. <i>Inorganic Chemistry</i> , 2021, 60, 16266-16272.	4.0	3
10	Tailoring C-6-Substituted Coumarin Scaffolds for Novel Photophysical Properties and Stimuli-Responsive Chromism. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11557-11565.	2.6	6
11	[Mes-B-TMP] <sup>+</sup> borinium cation initiated cyanosilylation and catalysed hydrosilylation of ketones and aldehydes. <i>Chemical Communications</i> , 2021, 57, 13732-13735.	4.1	6
12	An Anthridine-Based Pentanitrogen Donor Switches from Mono- to Tetradentate with Pd(II) Ions. <i>Organometallics</i> , 2021, 40, 4110-4119.	2.3	2
13	Synthesis of 2-arylamino-3-cyanoquinolines via a cascade reaction through a nitrilium intermediate. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 975-982.	2.8	5
14	Hetero-Bimetallic Complexes Based on an Anthridine Ligand Preparation and Catalytic Activity. <i>Organometallics</i> , 2020, 39, 123-131.	2.3	7
15	A polymorphic pentiptycene-containing gold(isocyanide) complex: solvent- and conformation-dependent supramolecular luminescence. <i>Dalton Transactions</i> , 2020, 49, 15602-15606.	3.3	4
16	A Non-innocent Ligand Supported Germylene and Its Diverse Reactions. <i>Organometallics</i> , 2020, 39, 4645-4650.	2.3	10
17	<i>N</i> -Allylation versus <i>C</i> -allylation of intermediates from aza-Michael adducts of arylideneisoxazol-5-ones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9516-9525.	2.8	11
18	Synthesis of 2-Benzylidene-3-Pyrrolines and Their Synthetic Transformation. <i>Reactions</i> , 2020, 1, 47-53.	2.1	2

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19	PSb <sup>+</sup> P Ligand: Platform for a Stibonium to Transition-Metal Interaction. <i>Inorganic Chemistry</i> , 2020, 59, 4468-4474.	4.0	6
20	Interlocking increases the persistence of N-heterocyclic carbenes in solution. <i>Chemical Communications</i> , 2020, 56, 4773-4776.	4.1	6
21	Nâ€Heterocyclic Carbene Copper(I) Rotaxanes Mediate Sequential Click Ligations with All Reagents Premixed. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11278-11282.	13.8	20
22	Nâ€Heterocyclic Carbene Copper(I) Rotaxanes Mediate Sequential Click Ligations with All Reagents Premixed. <i>Angewandte Chemie</i> , 2020, 132, 11374-11378.	2.0	13
23	Absolute Configurations of Topologically Chiral [2]Catenanes and the Acid/Base-Flippable Directions of Their Optical Rotations. <i>Organic Letters</i> , 2019, 21, 5708-5712.	4.6	13
24	[Î5-Cp*B-Mes] <sup>+</sup> : A Masked Potent Boron Lewis Acid. <i>Organometallics</i> , 2019, 38, 4516-4521.	2.3	15
25	Naphthyridineâ€based iridium complexes: Structures and catalytic activity on alkylation of aryl ketones. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 972-981.	1.4	1
26	Synthesis of Oxygen-Free [2]Rotaxanes: Recognition of Diarylguanidinium Ions by Tetraazacyclophanes. <i>Organic Letters</i> , 2018, 20, 2416-2419.	4.6	8
27	Multicomponent Selfâ€Assembly of Metalloâ€Supramolecular Macrocycles and Cages through Dynamic Heteroleptic Terpyridine Complexation. <i>Chemistry - A European Journal</i> , 2018, 24, 9274-9284.	3.3	35
28	[2]Catenanes Displaying Switchable Gin-Trap-Like Motion. <i>Journal of Organic Chemistry</i> , 2018, 83, 5619-5628.	3.2	7
29	Photomechanochromic <i>vs.</i> mechanochromic fluorescence of a unichromophoric bimodal molecular solid: multicolour fluorescence patterning. <i>Chemical Science</i> , 2018, 9, 8990-9001.	7.4	47
30	Destabilizing Character of a Î-Conjugated Boron Center in Bisphenol Radicals. <i>Inorganic Chemistry</i> , 2018, 57, 11732-11737.	4.0	2
31	Frontispiece: Multicomponent Self-Assembly of Metallo-Supramolecular Macrocycles and Cages through Dynamic Heteroleptic Terpyridine Complexation. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
32	Preparation of Ketimines from Aryldiazonium Salts, Arenes, and Nitriles via Intermolecular Arylation of <i>N</i> -Arylnitrilium Ions. <i>Journal of Organic Chemistry</i> , 2018, 83, 6133-6141.	3.2	12
33	Excimerâ€Monomer Photoluminescence Mechanochromism and Vapochromism of Pentiptycene-Containing Cyclometalated Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 4978-4989.	4.0	72
34	Na <sup>+</sup> Ions Induce the Pirouetting Motion and Catalytic Activity of [2]Rotaxanes. <i>Chemistry - A European Journal</i> , 2017, 23, 9756-9760.	3.3	36
35	Doubleâ€stranded ladderphanes with C <sub>2</sub> -â€symmetric planar chiral ferrocene linkers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2999-3010.	2.3	4
36	Cyclization Reactions of Aryl Propargyl Acetates with Tethered Epoxide Induced by Ruthenium Complex. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3027-3038.	3.3	6

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37	Synthesis of Substituted Quinazolin-4(3H)-imines From Aryldiazonium Salts, Nitriles and 2-Cyanoanilines via A Metal-Free Tandem Approach. <i>Organic Letters</i> , 2017, 19, 5840-5843.	4.6	25
38	1,2-Migration of <i>N</i> -Diarylboryl Imidazol-2-ylidene through Intermolecular Radical Process. <i>Inorganic Chemistry</i> , 2017, 56, 10543-10548.	4.0	8
39	Catalytic Reduction of Nitroarenes by Dipalladium Complexes: Synergistic Effect. <i>Organometallics</i> , 2017, 36, 3110-3116.	2.3	22
40	Mechanically interlocked daisy-chain-like structures as multidimensional molecular muscles. <i>Nature Chemistry</i> , 2017, 9, 128-134.	13.6	82
41	Kinetics, Mechanism and Theoretical Studies of Norbornene-Ethylene Alternating Copolymerization Catalyzed by Organopalladium(II) Complexes Bearing Hemilabile $\pm$ -Amino-pyridine. <i>Molecules</i> , 2017, 22, 1095.	3.8	9
42	Cyclization of $\alpha$ -Ethynylphenyl Vinyl Ether Catalyzed by a Ruthenium Complex: Mechanism of Catalytic Cyclization and Stoichiometric Cycloisomerization. <i>ChemCatChem</i> , 2016, 8, 2193-2196.	3.7	9
43	Dinickel complexes with anthryridine-based ligands. <i>Dalton Transactions</i> , 2016, 45, 8265-8271.	3.3	9
44	Ring Expansion and Skeletal Rearrangement of Propargyl Alcohol Substituted Aziridines Induced by Ruthenium Complexes. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2889-2896.	3.3	6
45	Reactions of Ruthenium Complexes Containing Pentatetraenylidene Ligand. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3072-3083.	3.3	4
46	Regioisomeric Effects of Donor-Acceptor-Acceptor <sup>2</sup> Small-Molecule Donors on the Open Circuit Voltage of Organic Photovoltaics. <i>Advanced Materials</i> , 2016, 28, 8248-8255.	21.0	41
47	Cp*-Substituted Boron Cations: The Effect of NHC, NHO, and CAAC Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 12427-12434.	4.0	30
48	Oxidative Cleavage of Styrenes Catalyzed by a Pd <sup>II</sup> Complex of an $\alpha$ -Hydroxyquinolinonate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5449-5455.	2.0	9
49	Coordination Chemistry of an Unsymmetrical Naphthyridine-Based Tetradentate Ligand toward Various Transition-Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2783-2790.	2.0	10
50	Dicopper Complexes with Anthryridine-Based Ligands: Coordination and Catalytic Activity. <i>Organometallics</i> , 2016, 35, 151-158.	2.3	17
51	Abstrakt: Cyclic [2]Catenane Dimers, Trimers, and Tetramers ( <i>Angew. Chem.</i> 40/2015). <i>Angewandte Chemie</i> , 2015, 127, 12044-12044.	2.0	0
52	Cyclic [2]Catenane Dimers, Trimers, and Tetramers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11745-11749.	13.8	25
53	Complexation of Tetrakis(acetato)chloridodiruthenium with Naphthyridine- $\alpha$ , $\gamma$ -dicarboxylate: Characterization and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1417-1423.	2.0	15
54	Substituent-Dependent Photophysical Properties Due to the Thorpe-Ingold Effect on Foldings of Alternating Substituted Methylene-Diethynylbenzene Copolymers: A Comparison of Carbon versus Silicon Tethers. <i>Macromolecules</i> , 2015, 48, 8708-8717.	4.8	6

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55	Stereoselective Iterative Convergent Synthesis of <i>Z</i> -Oligodiacylenes from Propargylic Dithioacetals. <i>Journal of Organic Chemistry</i> , 2015, 80, 8772-8781.	3.2	2
56	Cooperativity and Site-Selectivity of Intramolecular Hydrogen Bonds on the Fluorescence Quenching of Modified GFP Chromophores. <i>Journal of Organic Chemistry</i> , 2015, 80, 12431-12443.	3.2	14
57	Manipulation of connecting topology in carbazole/benzimidazole universal bipolar host materials for RGB and White PhOLEDs. <i>RSC Advances</i> , 2013, 3, 13891.	3.6	21
58	Sodium Ions Template the Formation of Rotaxanes from BPX26C6 and Nonconjugated Amide and Urea Functionalities. <i>Angewandte Chemie</i> , 2013, 125, 10421-10426.	2.0	10
59	Tandem Cyclization of Enynes Containing a Thioether or Ether Linkage via Ruthenium Allenylidene and Vinylidene Complexes. <i>Organometallics</i> , 2013, 32, 6379-6387.	2.3	13
60	Rhenium Complexes with a Pyridinyl-Naphthyridine Ligand: Synthesis, Characterization, and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2362-2367.	2.0	13
61	Cyclometalation of Anthridine-Based Ligands with Dirhodium Acetates: Structure and Catalytic Activity. <i>Organometallics</i> , 2013, 32, 4009-4015.	2.3	9
62	Ruthenium Complexes with an Anthridine-based Ligand. Synthesis, Characterization and Catalytic Activity. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 839-845.	1.4	8
63	Transition metal complexes of a super rigid anthridine ligand: structural, magnetic and DFT studies. <i>New Journal of Chemistry</i> , 2012, 36, 2340.	2.8	7
64	Bis(diphenylamino)-9,9'-spirobifluorene functionalized Ir(III) complex: a conceptual design en route to a three-in-one system possessing emitting core and electron and hole transport peripherals. <i>Journal of Materials Chemistry</i> , 2011, 21, 768-774.	6.7	35
65	Carbazole-benzimidazole hybrid bipolar host materials for highly efficient green and blue phosphorescent OLEDs. <i>Journal of Materials Chemistry</i> , 2011, 21, 14971.	6.7	93
66	Intramolecular Diels-Alder Reactions in Ruthenium Vinylidene Complexes Containing Anthracenyl Groups. <i>Organometallics</i> , 2009, 28, 1863-1871.	2.3	6
67	N-Heterocyclic Carbene Transfer from Gold(I) to Palladium(II). <i>Organometallics</i> , 2009, 28, 6957-6962.	2.3	46
68	Single Crystal Structure Determination and Molecular Modeling of Ethyl 4-([4-(Dodecanoyloxy)Phenyl]Diazenyl)Benzoate; Various Mesogenic Behaviors from Different Lengths of Alkyl Chains. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 197-204.	1.4	1
69	Deprotonation of Iron Vinylidene Complexes Containing a dppe Ligand. <i>Organometallics</i> , 2007, 26, 1250-1255.	2.3	15
70	Preparation of Dinuclear Vinylidene Complexes and Their New Deprotonation Reactions. <i>Organometallics</i> , 2007, 26, 3431-3439.	2.3	15
71	Protecting a Squaraine near-IR Dye through Its Incorporation in a Slippage-Derived [2]Rotaxane. <i>Organic Letters</i> , 2007, 9, 4523-4526.	4.6	63
72	Polypseudorotaxane architecture of poly-bis[4-(N-benzyl)-1,2,3,6-tetrahydropyridinium]piperazine-hexa-thio-polymeric framework. <i>CrystEngComm</i> , 2007, 9, 345.	2.6	26

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73	Redox Chemistry in the Reaction of Oxovanadium(V) with Thiolate-Containing Ligands: the Isolation and Characterization of Non-Oxo Vanadium(IV) Complexes Containing Disulfide and Thioether Groups. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1161-1167.	2.0	25
74	Preparation and Catalysis of a Tri-coordinated Copper(I) Complex with Bulky P $\pi$ -N Ligand. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 687-691.	1.4	3
75	Air- and Moisture-Stable Cyclopalladated Complexes as Efficient Catalysts for Suzuki-Miyaura Coupling Reaction. <i>Organometallics</i> , 2005, 24, 1075-1081.	2.3	80
76	Rhodium-Catalyzed Dimerization of Terminal Alkynes Assisted by MeI. <i>Organometallics</i> , 2005, 24, 136-143.	2.3	77
77	Novel Thiotetraazapentalene Complexes from the Reaction of a Ruthenium Azide Complex with Alkyl Isothiocyanates. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 459-462.	2.0	11
78	Palladium(II) Complexes Containing a Pyridinyliminophosphorane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3152-3159.	2.0	23
79	New Bulky Phosphino $\pi$ -Pyridine Ligands. Palladium and Nickel Complexes for the Catalytic Polymerization and Oligomerization of Ethylene. <i>Organometallics</i> , 2003, 22, 4893-4899.	2.3	70
80	New bulky phosphinopyridine ligands. P $\pi$ -N $\pi$ -C Tridentates in palladium complexes. <i>Dalton Transactions</i> , 2003, , 1419-1424.	3.3	28
81	New Acetylide Migration and Oxygen Transfer Reactions in Ruthenium Complexes Containing an Acetyl-Substituted Cp Ligand. <i>Organometallics</i> , 2002, 21, 1355-1361.	2.3	9
82	Synthesis and Study of an N,N-Disubstituted 4-[(4-Aminophenyl)diazenyl]benzaldehyde. <i>Helvetica Chimica Acta</i> , 2002, 85, 108-114.	1.6	11
83	Synthesis and Study of Azo-Dye Compounds: Various Molecular Stackings from Different Polarities of the Molecules. <i>Helvetica Chimica Acta</i> , 2002, 85, 1517.	1.6	11
84	Palladium(II) Complexes Containing P $\pi$ -N $\pi$ -O Donors. Ligand Effect of Tridentate versus Bidentate Coordination on the Oligomerization of Ethylene. <i>Organometallics</i> , 2002, 21, 3203-3207.	2.3	53
85	Synthesis and photophysical studies of siloxane-tethered cyclophanes. <i>Silicon Chemistry</i> , 2002, 1, 403-407.	0.8	3
86	Catalytic Asymmetric Coupling of 2-Naphthols by Chiral Tridentate Oxovanadium(IV) Complexes. <i>Organic Letters</i> , 2001, 3, 869-872.	4.6	185
87	Synthesis of Symmetric and Unsymmetric 1,1'-Di-alkenylferrocenes via Samarium Diiodide Promoted Reactions of 1,1'-Diacetylferrocene with Halides. <i>Journal of the Chinese Chemical Society</i> , 2001, 48, 1041-1046.	1.4	1
88	Homocyclotirucallane and Two Dihydrophenanthrenes from <i>Spiranthes sinensis</i> .. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1098-1101.	1.3	22
89	New Cyclopropyl-Triterpenoids from the Aerial Roots of <i>Ficus microcarpa</i> .. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 581-583.	1.3	30
90	Formation of 4-Methylphenanthrenes in Palladium-Catalyzed Annulation of Diethyl 2,2'-Diiodo-4,4'-biphenyldicarboxylate with Internal Alkynes, Using Methyl Nitrobenzoates as the Methylating Agent. <i>Journal of Organic Chemistry</i> , 2000, 65, 332-336.	3.2	34

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91	New Imine-Phosphine Palladium Complexes Catalyze Copolymerization of CO-Ethylene and CO-Norbornylene and Provide Well-Characterized Stepwise Insertion Intermediates of Various Unsaturated Substrates. <i>Organometallics</i> , 1999, 18, 2574-2576.	2.3	97
92	Metal String Complexes: Synthesis, Crystal Structures and Magnetic Properties of Heptanuclear Nickel(II) Complexes, $[\text{Ni}_7(\mu_4\text{-teptra})_4\text{X}_2]$ (teptra =) $\text{Tj} \text{ETQ} \text{O} \text{O} \text{O} \text{rg} \text{BT} / \text{Overloc}$ 1999, 46, 477-485.	1.4	40
93	Preparation of Chiral Phosphorus(V) Reagents and Their Uses with Borane in the Enantioselective Reduction of Ketones. <i>Journal of the Chinese Chemical Society</i> , 1999, 46, 797-810.	1.4	6