

Yi-Hung Liu

List of Publications by Year in descending order

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2593
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#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Coupling of 2-Naphthols by Chiral Tridentate Oxovanadium(IV) Complexes. <i>Organic Letters</i> , 2001, 3, 869-872.	4.6	185
2	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
3	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
4	Mechanically interlocked daisy-chain-like structures as multidimensional molecular muscles. <i>Nature Chemistry</i> , 2017, 9, 128-134.	13.6	82
5	Air- and Moisture-Stable Cyclopalladated Complexes as Efficient Catalysts for Suzuki-Miyaura Coupling Reaction. <i>Organometallics</i> , 2005, 24, 1075-1081.	2.3	80
6	Rhodium-Catalyzed Dimerization of Terminal Alkynes Assisted by Mel. <i>Organometallics</i> , 2005, 24, 136-143.	2.3	77
7	Excimer-Monomer Photoluminescence Mechanochromism and Vapochromism of Pentiptycene-Containing Cyclometalated Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 4978-4989.	4.0	72
8	New Bulky Phosphino-Pyridine Ligands. Palladium and Nickel Complexes for the Catalytic Polymerization and Oligomerization of Ethylene. <i>Organometallics</i> , 2003, 22, 4893-4899.	2.3	70
9	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
10	Palladium(II) Complexes Containing P _{1/4} N _{1/4} O Donors. Ligand Effect of Tridentate versus Bidentate Coordination on the Oligomerization of Ethylene. <i>Organometallics</i> , 2002, 21, 3203-3207.	2.3	53
11	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
12	Photomechanochromic vs. mechanochromic fluorescence of a unichromophoric bimodal molecular solid: multicolour fluorescence patterning. <i>Chemical Science</i> , 2018, 9, 8990-9001.	7.4	47
13	N-Heterocyclic Carbene Transfer from Gold(I) to Palladium(II). <i>Organometallics</i> , 2009, 28, 6957-6962.	2.3	46
14	Regioisomeric Effects of Donor-Acceptor-Acceptor Small-Molecule Donors on the Open Circuit Voltage of Organic Photovoltaics. <i>Advanced Materials</i> , 2016, 28, 8248-8255.	21.0	41
15	Metal String Complexes: Synthesis, Crystal Structures and Magnetic Properties of Heptanuclear Nickel(II) Complexes, [Ni ₇ (μ_4 -tepra) ₄ X ₂] (tepra =) Tj ETQq] 1 0.784314 rgBT 1999, 46, 477-485.	1.4	40
16	Na ⁺ Ions Induce the Pirouetting Motion and Catalytic Activity of [2]Rotaxanes. <i>Chemistry - A European Journal</i> , 2017, 23, 9756-9760.	3.3	36
17	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
18	Multicomponent Self-Assembly of Metallo-Supramolecular Macrocycles and Cages through Dynamic Heteroleptic Terpyridine Complexation. <i>Chemistry - A European Journal</i> , 2018, 24, 9274-9284.	3.3	35

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19	Formation of 4-Methylphenanthrenes in Palladium-Catalyzed Annulation of Diethyl 2,2â€-Diiodo-4,4â€-biphenyldicarboxylate with Internal Alkynes, Using Methyl Nitrobenzoates as the Methylating Agent. <i>Journal of Organic Chemistry</i> , 2000, 65, 332-336.	3.2	34
20	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
21	Cp*-Substituted Boron Cations: The Effect of NHC, NHO, and CAAC Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 12427-12434.	4.0	30
22	New bulky phosphinopyridine ligands. Pâ¼Nâ¼C Tridentates in palladium complexes. <i>Dalton Transactions</i> , 2003, , 1419-1424.	3.3	28
23	Polypseudorotaxane architecture of poly-bis[4-(N-benzyl-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (pyridinium)]piperazine polymeric framework. <i>CrystEngComm</i> , 2007, 9, 345.	2.6	26
24	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
25	Cyclic [2]Catenane Dimers, Trimers, and Tetramers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11745-11749.	13.8	25
26	Synthesis of Substituted Quinazolin-4(3<i>H</i>)-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
27	Palladium(II) Complexes Containing a Pyridinyliminophosphorane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3152-3159.	2.0	23
28	Homocyclotirucallane and Two Dihydrophenanthrenes from <i>Spiranthes sinensis</i> .. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1098-1101.	1.3	22
29	Catalytic Reduction of Nitroarenes by Dipalladium Complexes: Synergistic Effect. <i>Organometallics</i> , 2017, 36, 3110-3116.	2.3	22
30	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
31	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
32	Dicopper Complexes with Anthridine-Based Ligands: Coordination and Catalytic Activity. <i>Organometallics</i> , 2016, 35, 151-158.	2.3	17
33	Deprotonation of Iron Vinylidene Complexes Containing a dppe Ligand. <i>Organometallics</i> , 2007, 26, 1250-1255.	2.3	15
34	Preparation of Dinuclear Vinylidene Complexes and Their New Deprotonation Reactions. <i>Organometallics</i> , 2007, 26, 3431-3439.	2.3	15
35	Complexation of Tetrakis(acetato)chloridodiruthenium with Naphthyridineâ€2,7â€dicarboxylate â€“ Characterization and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1417-1423.	2.0	15
36	[Î-5-Cp*B-Mes]+: A Masked Potent Boron Lewis Acid. <i>Organometallics</i> , 2019, 38, 4516-4521.	2.3	15

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37	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
38	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
39	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
40	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
41	N-heterocyclic Carbene Copper(I) Rotaxanes Mediate Sequential Click Ligations with All Reagents Premixed. <i>Angewandte Chemie</i> , 2020, 132, 11374-11378.	2.0	13
42	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
43	Synthesis and Study of an <i>N,N</i> -Disubstituted 4-[(4-Aminophenyl)diazenyl]benzaldehyde. <i>Helvetica Chimica Acta</i> , 2002, 85, 108-114.	1.6	11
44	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
45	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
46	<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
47	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
48	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
49	A Non-innocent Ligand Supported Germylene and Its Diverse Reactions. <i>Organometallics</i> , 2020, 39, 4645-4650.	2.3	10
50	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
51	Cyclometalation of Anthryridine-Based Ligands with Dirhodium Acetates: Structure and Catalytic Activity. <i>Organometallics</i> , 2013, 32, 4009-4015.	2.3	9
52	Cyclization of α -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
53	Dinickel complexes with anthryridine-based ligands. <i>Dalton Transactions</i> , 2016, 45, 8265-8271.	3.3	9
54	Oxidative Cleavage of Styrenes Catalyzed by a Pd(II) Complex of an α -Hydroxyquinolinonate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5449-5455.	2.0	9

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55	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
56	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
57	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
58	Synthesis of Oxygen-Free [2]Rotaxanes: Recognition of Diarylguanidinium Ions by Tetraazacyclophanes. <i>Organic Letters</i> , 2018, 20, 2416-2419.	4.6	8
59	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
60	[2]Catenanes Displaying Switchable Gin-Trap-Like Motion. <i>Journal of Organic Chemistry</i> , 2018, 83, 5619-5628.	3.2	7
61	Hetero-Bimetallic Complexes Based on an Anthridine Ligand Preparation and Catalytic Activity. <i>Organometallics</i> , 2020, 39, 123-131.	2.3	7
62	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
63	Intramolecular Diels-Alder Reactions in Ruthenium Vinylidene Complexes Containing Anthracenyl Groups. <i>Organometallics</i> , 2009, 28, 1863-1871.	2.3	6
64	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
65	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
66	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
67	PSb ⁺ P Ligand: Platform for a Stibonium to Transition-Metal Interaction. <i>Inorganic Chemistry</i> , 2020, 59, 4468-4474.	4.0	6
68	Interlocking increases the persistence of N-heterocyclic carbenes in solution. <i>Chemical Communications</i> , 2020, 56, 4773-4776.	4.1	6
69	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
70	[Mes-B-TMP] ⁺ borinium cation initiated cyanosilylation and catalysed hydrosilylation of ketones and aldehydes. <i>Chemical Communications</i> , 2021, 57, 13732-13735.	4.1	6
71	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
72	Reactions of Ruthenium Complexes Containing Pentatetraenylidene Ligand. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3072-3083.	3.3	4

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73	Double-stranded ladderphanes with C ₂ -symmetric planar chiral ferrocene linkers. Journal of Polymer Science Part A, 2017, 55, 2999-3010.	2.3	4
74	A polymorphic pentiptycene-containing gold(isocyanide) isocyanide complex: solvent- and conformation-dependent supramolecular luminescence. Dalton Transactions, 2020, 49, 15602-15606.	3.3	4
75	Chiral Tetra-coordinate Aluminum Cation in Catalysis. Organometallics, 2021, 40, 1244-1251.	2.3	4
76	Chiral Bis(oxazoline) Ligand-Supported Alkyl Aluminum Cations. ChemCatChem, 2022, 14, .	3.7	4
77	Porous Supramolecular Assembly of Pentiptycene-Containing Gold(I) Complexes: Persistent Excited-State Auophilicity and Inclusion-Induced Emission Enhancement. Inorganic Chemistry, 2022, 61, 11981-11991.	4.0	4
78	Synthesis and photophysical studies of siloxane-tethered cyclophanes. Silicon Chemistry, 2002, 1, 403-407.	0.8	3
79	Preparation and Catalysis of a Tri-coordinated Copper(I) Complex with Bulky P ₃ N Ligand. Journal of the Chinese Chemical Society, 2005, 52, 687-691.	1.4	3
80	Tetra- and Dinuclear Palladium Complexes Based on a Ligand of 2,8-Di-2-pyridinylanthridine: Preparation, Characterization, and Catalytic Activity. Organometallics, 2021, 40, 2081-2089.	2.3	3
81	[B ⁺ Cl ⁻ B ⁺] ⁺ Cations: Chloroborane Masked Chiral Borenium Ions. Inorganic Chemistry, 2021, 60, 16266-16272.	4.0	3
82	Palladium-Catalyzed Vinylation of Cyclopentenes with Inverted <i>Z,E</i> -Isomerism of Vinylic Substrates. Organic Letters, 2022, 24, 3373-3377.	4.6	3
83	Stereoselective Iterative Convergent Synthesis of <i>Z</i> -Oligodiacetylenes from Propargylic Dithioacetals. Journal of Organic Chemistry, 2015, 80, 8772-8781.	3.2	2
84	Destabilizing Character of a π -Conjugated Boron Center in Bisphenol Radicals. Inorganic Chemistry, 2018, 57, 11732-11737.	4.0	2
85	Synthesis of 2-Benzylidene-3-Pyrrolines and Their Synthetic Transformation. Reactions, 2020, 1, 47-53.	2.1	2
86	An Anthridine-Based Pentanitrogen Donor Switches from Mono- to Tetradentate with Pd(II) Ions. Organometallics, 2021, 40, 4110-4119.	2.3	2
87	Synthesis of Symmetric and Unsymmetric 1,1'-Dialkenylferrocenes via Samarium Diiodide Promoted Reactions of 1,1'-Diacetylferrocene with Halides. Journal of the Chinese Chemical Society, 2001, 48, 1041-1046.	1.4	1
88	Single Crystal Structure Determination and Molecular Modeling of Ethyl 4-([4-(Dodecanoyloxy)Phenyl]Diazenyl)Benzoate; Various Mesogenic Behaviors from Different Lengths of Alkyl Chains. Journal of the Chinese Chemical Society, 2007, 54, 197-204.	1.4	1
89	Naphthyridine-based iridium complexes: Structures and catalytic activity on alkylation of aryl ketones. Journal of the Chinese Chemical Society, 2019, 66, 972-981.	1.4	1
90	Complementarity of 2,6-Dimethanolpyridine and Di(ethylene glycol) in the Complexation of Na ⁺ Ions: Attaching Multiple Copies of [2]Catenane Branches to Isophthalaldehyde-Containing Cores. Journal of Organic Chemistry, 2021, 86, 13491-13502.	3.2	1

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91	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
92	Abstract: Cyclic [2]Catenane Dimers, Trimers, and Tetramers (<i>Angew. Chem.</i> 40/2015). <i>Angewandte Chemie</i> , 2015, 127, 12044-12044.	2.0	0
93	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