

# Hon Wai Lam

## List of Publications by Year in descending order

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94  
papers

6,193  
citations

61687

45  
h-index

84171

75  
g-index

162  
all docs

162  
docs citations

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times ranked

4181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel-catalyzed Arylative Cyclizations of Alkyne- and Allene-tethered Electrophiles using Arylboron Reagents. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	22
2	Frontispiece: Nickel-catalyzed Arylative Cyclizations of Alkyne- and Allene-tethered Electrophiles using Arylboron Reagents. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	1
3	Gold(I)-catalyzed Nucleophilic Allylation of Azinium Ions with Allylboronates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
4	Enantioselective Nickel-catalyzed <i>anti</i> -Arylmethylative Cyclizations onto Acyclic Ketones. <i>Chemistry - A European Journal</i> , 2021, 27, 5897-5900.	1.7	21
5	Enantioselective nickel-catalyzed <i>anti</i> -arylmethylative cyclizations onto acyclic electron-deficient alkenes. <i>Chemical Communications</i> , 2021, 57, 4436-4439.	2.2	13
6	Enantioselective nickel-catalyzed arylative and alkenylative intramolecular 1,2-allylations of tethered allene-ketones. <i>Chemical Science</i> , 2020, 11, 2401-2406.	3.7	16
7	Catalytic enantioselective arylative cyclizations of alkynyl 1,3-diketones by 1,4-rhodium( <i>syn</i> ) migration. <i>Chemical Science</i> , 2020, 11, 2759-2764.	3.7	19
8	Rhodium-catalyzed arylative cyclization of alkynyl malonates by 1,4-rhodium( <i>syn</i> ) migration. <i>Chemical Communications</i> , 2019, 55, 11366-11369.	2.2	17
9	Iridium-catalyzed 1,5-(aryl)aminomethylation of 1,3-enynes by alkenyl-to-allyl 1,4-iridium( <i>syn</i> ) migration. <i>Chemical Communications</i> , 2019, 55, 838-841.	2.2	39
10	Switchable Synthesis of <i>Z</i> -Homoallylic Boronates and <i>E</i> -Allylic Boronates by Enantioselective Copper-catalyzed 1,6-Boration. <i>Chemistry - A European Journal</i> , 2018, 24, 8315-8319.	1.7	13
11	One-Carbon Oxidative Annulations of 1,3-Enynes by Catalytic C-H Functionalization and 1,4-Rhodium(III) Migration. <i>Chemistry - A European Journal</i> , 2018, 24, 4050-4054.	1.7	21
12	Nickel-catalyzed, ligand-free, diastereoselective synthesis of 3-methyleneindan-1-ols. <i>Chemical Communications</i> , 2018, 54, 12389-12392.	2.2	8
13	Synthesis of multisubstituted pyrroles by nickel-catalyzed arylative cyclizations of <i>N</i> -tosyl alkyenamides. <i>Chemical Communications</i> , 2018, 54, 11769-11772.	2.2	27
14	Enantioselective Synthesis of Chiral Cyclopent-2-enones by Nickel-catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9122-9125.	7.2	65
15	Enantioselective Synthesis of Chiral Cyclopent-2-enones by Nickel-catalyzed Desymmetrization of Malonate Esters. <i>Angewandte Chemie</i> , 2018, 130, 9260-9263.	1.6	14
16	Remote Nucleophilic Allylation by Allylrhodium Chain Walking. <i>Chemistry - A European Journal</i> , 2018, 24, 13432-13436.	1.7	10
17	Enantioselective nickel-catalyzed arylative intramolecular 1,4-allylations. <i>Chemical Communications</i> , 2018, 54, 5622-5625.	2.2	32
18	Arylative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl-to-Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7227-7232.	7.2	38

#	ARTICLE	IF	CITATIONS
19	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel <i>E</i> / <i>Z</i> Isomerization. <i>Angewandte Chemie</i> , 2017, 129, 8328-8332.	1.6	22
20	Enantioselective Nickel-Catalyzed Intramolecular Allylic Alkenylations Enabled by Reversible Alkenylnickel <i>E</i> / <i>Z</i> Isomerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8216-8220.	7.2	63
21	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenyl-to-Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16352-16356.	7.2	53
22	Sulfonylative and Azidosulfonylative Cyclizations by Visible-Light-Photosensitization of Sulfonyl Azides in THF. <i>Chemistry - A European Journal</i> , 2017, 23, 17598-17604.	1.7	44
23	Arylative Intramolecular Allylation of Ketones with 1,3-Enynes Enabled by Catalytic Alkenyl-to-Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie</i> , 2017, 129, 7333-7338.	1.6	15
24	Enantioselective Rhodium-Catalyzed Coupling of Arylboronic Acids, 1,3-Enynes, and Imines by Alkenyl-to-Allyl 1,4-Rhodium(I) Migration. <i>Angewandte Chemie</i> , 2017, 129, 16570-16574.	1.6	17
25	Chain Walking of Allylrhodium Species Towards Esters During Rhodium-Catalyzed Nucleophilic Allylations of Imines. <i>Angewandte Chemie</i> , 2016, 128, 1120-1124.	1.6	33
26	Chain Walking of Allylrhodium Species Towards Esters During Rhodium-Catalyzed Nucleophilic Allylations of Imines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1108-1112.	7.2	75
27	Rhodium-Catalyzed Oxidative C-H Allylation of Benzamides with 1,3-Dienes by Allyl-to-Allyl 1,4-Rh(III) Migration. <i>Journal of the American Chemical Society</i> , 2016, 138, 12252-12257.	6.6	81
28	Enantioselective Nickel-Catalyzed <i>anti</i> -Carbometallative Cyclizations of Alkynyl Electrophiles Enabled by Reversible Alkenylnickel <i>E</i> / <i>Z</i> Isomerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 8068-8071.	6.6	174
29	Copper-catalyzed borylative coupling of vinylazaarenes and N-Boc imines. <i>Chemical Communications</i> , 2016, 52, 3770-3772.	2.2	42
30	All-Carbon [3+3] Oxidative Annulations of 1,3-Enynes by Rhodium(III)-Catalyzed C-H Functionalization and 1,4-Migration. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9958-9962.	7.2	85
31	Enantioselective Synthesis of Spiroindenes by Enol-Directed Rhodium(III)-Catalyzed C-H Functionalization and Spiroannulation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13975-13979.	7.2	138
32	Direct Synthesis of 5-Aryl Barbituric Acids by Rhodium(II)-Catalyzed Reactions of Arenes with Diazo Compounds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7410-7413.	7.2	37
33	Synthesis of spiroindanes by palladium-catalyzed oxidative annulation of non- or weakly activated 1,3-dienes involving C-H functionalization. <i>Chemical Communications</i> , 2015, 51, 2613-2616.	2.2	38
34	Enantioselective Copper-Catalyzed Reductive Coupling of Vinylazaarenes with N-Boc Aldimines. <i>Synlett</i> , 2015, 26, 350-351.	1.0	23
35	Enantioselective synthesis of bicyclo[3.n.1]alkanes by chiral phosphoric acid-catalyzed desymmetrizing Michael cyclizations. <i>Chemical Science</i> , 2015, 6, 3550-3555.	3.7	30
36	Catalytic 1,4-Rhodium(III) Migration Enables 1,3-Enynes to Function as One-Carbon Oxidative Annulation Partners in C-H Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9931-9935.	7.2	158

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37	Synthesis of Spirocyclic Enones by Rhodium-Catalyzed Dearomatizing Oxidative Annulation of 2-Alkenylphenols with Alkynes and Enynes. <i>Chemistry - A European Journal</i> , 2014, 20, 8599-8602.	1.7	107
38	The Isomerization of Allylrhodium Intermediates in the Rhodium-Catalyzed Nucleophilic Allylation of Cyclic Imines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11605-11610.	7.2	110
39	A second-generation ligand for the enantioselective rhodium-catalyzed addition of arylboronic acids to alkenylazaarenes. <i>Chemical Communications</i> , 2014, 50, 2865-2868.	2.2	66
40	Enantioselective Synthesis of Allylboronates and Allylic Alcohols by Copper-Catalyzed 1,6-Boration. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4186-4190.	7.2	112
41	C-N-Containing Azaarenes as Activating Groups in Enantioselective Catalysis. <i>Journal of Organic Chemistry</i> , 2014, 79, 831-845.	1.7	128
42	Iridium-Catalyzed Arylative Cyclization of Alkynones by 1,4-Iridium Migration. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6523-6527.	7.2	69
43	Catalyst-Controlled Divergent C-H Functionalization of Unsymmetrical 2-Aryl Cyclic 1,3-Dicarbonyl Compounds with Alkynes and Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 10829-10836.	6.6	158
44	Synthesis of Benzopyrans by Pd(II)- or Ru(II)-Catalyzed C-H Alkenylation of 2-Aryl-3-hydroxy-2-cyclohexenones. <i>Organic Letters</i> , 2013, 15, 570-573.	2.4	55
45	Enantioselective Nickel-Catalyzed Michael Additions of 2-Acetylaazaarenes to Nitroalkenes. <i>Organic Letters</i> , 2013, 15, 2586-2589.	2.4	37
46	Enantioselective Rhodium-Catalyzed Allylation of Cyclic Imines with Potassium Allyltrifluoroborates. <i>Synthesis</i> , 2013, 45, 2649-2661.	1.2	46
47	Palladium-catalyzed hydroacyloxylation of ynamides. <i>Chemical Communications</i> , 2012, 48, 1505-1507.	2.2	85
48	Heteroatom methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2012, 108, 53.	0.8	1
49	Functionalization of C-H and C-H Bonds: Synthesis of Spiroindenes by Enolate-Directed Ruthenium-Catalyzed Oxidative Annulation of Alkynes with 2-Aryl-1,3-dicarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12115-12119.	7.2	130
50	Enantioselective Copper-Catalyzed Reductive Coupling of Alkenylazaarenes with Ketones. <i>Journal of the American Chemical Society</i> , 2012, 134, 8428-8431.	6.6	119
51	Enantioselective Copper(I)-Catalyzed Borylative Aldol Cyclizations of Enone Diones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10827-10831.	7.2	134
52	Rhodium-Catalyzed [2 + 2] Cycloaddition of Ynamides with Nitroalkenes. <i>Organic Letters</i> , 2012, 14, 4934-4937.	2.4	38
53	Diastereo- and Enantioselective Pd(II)-Catalyzed Additions of 2-Alkylazaarenes to N-Boc Imines and Nitroalkenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 18193-18196.	6.6	102
54	Enantioselective Rh(I)-Catalyzed Cyclization of Arylboron Compounds onto Ketones. <i>Organic Letters</i> , 2012, 14, 2548-2551.	2.4	67

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55	Enantioselective Rhodium-Catalyzed Addition of Potassium Alkenyltrifluoroborates to Cyclic Imines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6762-6766.	7.2	142
56	Enantioselective Rhodium-Catalyzed Nucleophilic Allylation of Cyclic Imines with Allylboron Reagents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8309-8313.	7.2	165
57	Enantioselective Nickel-Catalyzed Michael Additions of Azaarylacetates and Acetamides to Nitroalkenes. <i>Chemistry - A European Journal</i> , 2012, 18, 11214-11218.	1.7	47
58	Enantioselective rhodium-catalyzed arylation of electron-deficient alkenylarenes. <i>Chemical Science</i> , 2011, 2, 2326.	3.7	68
59	TADDOL-Derived Phosphonites, Phosphites, and Phosphoramidites in Asymmetric Catalysis. <i>Synthesis</i> , 2011, 2011, 2011-2043.	1.2	70
60	Ytterbium-Catalyzed Conjugate Allylation of Alkylidene Malonates. <i>Journal of Organic Chemistry</i> , 2011, 76, 4112-4118.	1.7	11
61	Base-catalyzed synthesis of bicyclic 4-aminopyrimidines from the reaction of dinitriles with mononitriles. <i>Tetrahedron</i> , 2011, 67, 3839-3845.	1.0	6
62	Enantioselective Rhodium-Catalyzed Addition of Arylboronic Acids to Alkenylheteroarenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 14373-14375.	6.6	154
63	Rhodium-catalyzed carbometalation of ynamides with organoboron reagents. <i>Tetrahedron</i> , 2010, 66, 6026-6031.	1.0	51
64	Catalytic Asymmetric Dihydroxylation of Enamides and Application to the Total Synthesis of (+)-Tanikolide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8733-8737.	7.2	50
65	Copper-Bisphosphine-Initiated Pentafluorophenylation of Aldehydes and Ketones. <i>Synlett</i> , 2010, 2010, 615-617.	1.0	3
66	Rhodium-Catalyzed Annulation of Ynamides with Bifunctional Arylboron Reagents. <i>Organic Letters</i> , 2010, 12, 2554-2557.	2.4	44
67	Aromatic Heterocycles as Activating Groups for Asymmetric Conjugate Addition Reactions. Enantioselective Copper-Catalyzed Reduction of 2-Alkenylheteroarenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 10386-10387.	6.6	106
68	Stereoselective Formation of Alkenyl Halides via Magnesium Halide Promoted Ring Opening of Bis-Activated Cyclopropenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 1353-1355.	1.7	29
69	Preparation of Multisubstituted Enamides via Rhodium-Catalyzed Carbozincation and Hydrozincation of Ynamides. <i>Journal of Organic Chemistry</i> , 2009, 74, 7849-7858.	1.7	84
70	Stereoselective Synthesis of Multisubstituted Enamides via Rhodium-Catalyzed Carbozincation of Ynamides. <i>Journal of the American Chemical Society</i> , 2009, 131, 3802-3803.	6.6	135
71	Enantioselective Copper-Catalyzed Reductive Michael Cyclizations. <i>Organic Letters</i> , 2009, 11, 4504-4507.	2.4	44
72	Stereoselective Synthesis of Tri- and Tetrasubstituted Alkenes by Iron-Catalyzed Carbometalation Ring-Opening Reactions of Cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7350-7353.	7.2	68

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73	Racemic and asymmetric cobalt-catalysed reductive aldol couplings of $\alpha,\beta$ -unsaturated amides with ketones. <i>Tetrahedron</i> , 2008, 64, 7729-7740.	1.0	33
74	Formal synthesis of salinosporamide A using a nickel-catalyzed reductive aldol cyclization-lactonization as a key step. <i>Tetrahedron</i> , 2008, 64, 7896-7901.	1.0	52
75	Cobalt-catalyzed reductive Mannich reactions of 4-acryloylmorpholine with N-tosyl aldimines. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 55-57.	1.5	21
76	Diastereoselective Cobalt-Catalyzed Alkylative Aldol Cyclizations Using Trialkylaluminum Reagents. <i>Organic Letters</i> , 2008, 10, 2939-2942.	2.4	11
77	Copper-catalyzed silylation of cyclopropenes using (trifluoromethyl)trimethylsilane. <i>Chemical Communications</i> , 2008, , 1124.	2.2	19
78	Synthesis and Application of Alkenylstannanes Derived from Base-Sensitive Cyclopropenes. <i>Organic Letters</i> , 2008, 10, 3993-3996.	2.4	13
79	Diastereoselective Nickel-Catalyzed Reductive Aldol Cyclizations Using Diethylzinc as the Stoichiometric Reductant: Scope and Mechanistic Insight. <i>Journal of the American Chemical Society</i> , 2008, 130, 7328-7338.	6.6	37
80	Diastereoselective Intermolecular Cobalt-Catalyzed Reductive Aldol Reactions of $\alpha,\beta$ -Unsaturated Amides with Ketones. <i>Organic Letters</i> , 2007, 9, 4367-4370.	2.4	56
81	Synthesis of Pyroglutamic Acid Derivatives via Double Michael Reactions of Alkynones. <i>Organic Letters</i> , 2007, 9, 2159-2162.	2.4	23
82	Diastereoselective Cobalt-Catalyzed Reductive Aldol Cyclizations Using Diethylzinc as the Stoichiometric Reductant. <i>Organic Letters</i> , 2006, 8, 3729-3732.	2.4	50
83	Cu(I)-Catalyzed Reductive Aldol Cyclizations: Diastereo- and Enantioselective Synthesis of $\beta$ -Hydroxylactones. <i>ChemInform</i> , 2006, 37, no.	0.1	0
84	Cu(I)-Catalyzed Reductive Aldol Cyclizations: Diastereo- and Enantioselective Synthesis of $\beta$ -Hydroxylactones. <i>Organic Letters</i> , 2005, 7, 4225-4228.	2.4	135
85	Diastereoselective Synthesis of 4-Hydroxypiperidin-2-ones via Cu(I)-Catalyzed Reductive Aldol Cyclization. <i>Organic Letters</i> , 2005, 7, 5743-5746.	2.4	76
86	Enantioselective Indole Friedel-Crafts Alkylations Catalyzed by Bis(oxazolonyl)pyridine-Scandium(III) Triflate Complexes. <i>ChemInform</i> , 2004, 35, no.	0.1	0
87	A New Copper Acetate-bis(oxazoline)-Catalyzed, Enantioselective Henry Reaction. <i>ChemInform</i> , 2004, 35, no.	0.1	0
88	Enantioselective Indole Friedel-Crafts Alkylations Catalyzed by Bis(oxazolonyl)pyridine-Scandium(III) Triflate Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10780-10781.	6.6	221
89	A New Copper Acetate-Bis(oxazoline)-Catalyzed, Enantioselective Henry Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 12692-12693.	6.6	473
90	Total Synthesis of the Presumed Amphidinolide A. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 508-511.	7.2	91

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91	Radical Cascade Processes Leading to Fused- and Spiro-Bicyclic Ring Systems. <i>Tetrahedron</i> , 2000, 56, 8959-8965.	1.0	15
92	Structure and total synthesis of benzylthiocrellidone, a novel dimedone-based vinyl sulfide from the sponge <i>Crella spinulata</i> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 847-848.	0.9	38
93	Gold(I)-Catalyzed Nucleophilic Allylation of Azinium Ions with Allylboronates. <i>Angewandte Chemie</i> , 0, , .	1.6	0
94	Synthesis of New Morphinan Opioids by TBADT-Catalyzed Photochemical Functionalization at the Carbon Skeleton. <i>Chemistry - A European Journal</i> , 0, , .	1.7	4