

# Yi-Xia Jia

## List of Publications by Year in descending order

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55  
papers

3,624  
citations

126907

33  
h-index

138484

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Arylative Dearomatization of Indoles via Pd-Catalyzed Intramolecular Reductive Heck Reactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 4936-4939.	13.7	267
2	Oxindole Synthesis by Direct Coupling of C <sub>1</sub> H and C <sub>2</sub> H Centers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1636-1639.	13.8	255
3	Recent progress in transition-metal-catalyzed enantioselective indole functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3550-3567.	2.8	225
4	Chiral N-heterocyclic carbene ligands for asymmetric catalytic oxindole synthesis. <i>Chemical Communications</i> , 2008, , 4040.	4.1	205
5	Enantioselective Dearomative Difunctionalization of Indoles by Palladium-Catalyzed Heck/Sonogashira Sequence. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7475-7478.	13.8	185
6	Highly Enantioselective Construction of Trifluoromethylated All-Carbon Quaternary Stereocenters via Nickel-Catalyzed Friedel-Crafts Alkylation Reaction. <i>Journal of the American Chemical Society</i> , 2013, 135, 2983-2986.	13.7	170
7	Palladium-Catalyzed Enantioselective Intramolecular Dearomative Heck Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 13945-13951.	13.7	146
8	Palladium/Proline-Catalyzed Enantioselective $\hat{\pm}$ -Arylative Desymmetrization of Cyclohexanones. <i>Journal of the American Chemical Society</i> , 2016, 138, 5198-5201.	13.7	106
9	Dual Catalysis for the Redox Annulation of Nitroalkynes with Indoles: Enantioselective Construction of Indolinones Bearing Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11205-11208.	13.8	104
10	Pd-catalyzed dearomative arylborylation of indoles. <i>Chemical Science</i> , 2019, 10, 3118-3122.	7.4	96
11	Synthesis of 3-hydroxyoxindoles by Pd-catalysed intramolecular nucleophilic addition of aryl halides to $\hat{\pm}$ -ketoamides. <i>Chemical Communications</i> , 2010, 46, 130-132.	4.1	94
12	New Chiral N-Heterocyclic Carbene Ligands in Palladium-Catalyzed $\hat{\pm}$ -Arylations of Amides: Conformational Locking through Allylic Strain as a Device for Stereocontrol. <i>Chemistry - A European Journal</i> , 2010, 16, 6300-6309.	3.3	90
13	Indolizine Synthesis via Oxidative Cross-Coupling/Cyclization of Alkenes and 2-(Pyridin-2-yl)acetate Derivatives. <i>Organic Letters</i> , 2015, 17, 3050-3053.	4.6	77
14	Asymmetric Friedel-Crafts Alkylation of $\hat{\pm}$ -Substituted $\hat{2}$ -Nitroacrylates: Access to $\hat{2}$ ,2-Amino Acids Bearing Indolic All-Carbon Quaternary Stereocenters. <i>Organic Letters</i> , 2014, 16, 776-779.	4.6	72
15	Palladium-catalyzed dearomative arylalkynylation of indoles. <i>Chemical Communications</i> , 2016, 52, 13664-13667.	4.1	71
16	Aromatic $\hat{\epsilon}$ -Components for Enantioselective Heck Reactions and Heck/Anion-Capture Domino Sequences. <i>Accounts of Chemical Research</i> , 2022, 55, 734-745.	15.6	70
17	Recent Advances of Catalytic Enantioselective Heck Reactions and $\langle \text{scp} \rangle$ Reductive-Heck $\langle / \text{scp} \rangle$ Reactions. <i>Chinese Journal of Chemistry</i> , 2021, 39, 710-728.	4.9	68
18	Nickel-Catalyzed Intramolecular Nucleophilic Addition of Aryl or Vinyl Chlorides to $\hat{\pm}$ -Ketoamides Through C <sub>1</sub> Cl Bond Activation. <i>Chemistry - A European Journal</i> , 2011, 17, 5234-5237.	3.3	66

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19	Enantioselective Dearomative Difunctionalization of Indoles by Palladium-Catalyzed Heck/Sonogashira Sequence. <i>Angewandte Chemie</i> , 2017, 129, 7583-7586.	2.0	62
20	Palladium-catalyzed asymmetric dearomative alkenylation of indoles through a reductive-Heck reaction. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1840-1843.	4.5	56
21	Spirooxindole synthesis via palladium-catalyzed dearomative reductive-Heck reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2711-2715.	2.8	55
22	Palladium-Catalyzed Enantioselective Heteroarenyne Cycloisomerization Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7412-7417.	13.8	55
23	Enantioselective Construction of Cyclic Indolyl $\alpha$ -Amino Esters via a Friedel-Crafts Alkylation Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 709-713.	4.3	54
24	Chiral phosphoric acid catalyzed asymmetric hydrogenolysis of racemic 3-aryl-3-hydroxyisoindolin-1-ones. <i>Tetrahedron Letters</i> , 2013, 54, 3082-3084.	1.4	51
25	Nickel-Catalyzed Enantioselective Addition of Styrenes to Cyclic <i>N</i> -Sulfonyl $\alpha$ -Ketiminoesters. <i>ACS Catalysis</i> , 2015, 5, 6524-6528.	11.2	47
26	Dearomative 1,4-difunctionalization of naphthalenes via palladium-catalyzed tandem Heck/Suzuki coupling reaction. <i>Nature Communications</i> , 2020, 11, 4380.	12.8	45
27	Enantioselective [2 + 2] cycloaddition of <i>N</i> -allenamides with cyclic <i>N</i> -sulfonylketimines: access to polysubstituted azetidines bearing quaternary stereocenters. <i>Chemical Science</i> , 2017, 8, 2811-2815.	7.4	43
28	Palladium-Catalyzed Dearomative Arylvinylation Reaction of Indoles with <i>N</i> -Arylsulfonylhydrazones. <i>Organometallics</i> , 2019, 38, 3927-3930.	2.3	43
29	Cu(I)-Catalyzed Enantioselective Friedel-Crafts Alkylation of Indoles with 2-Aryl- <i>N</i> -sulfonylaziridines as Alkylating Agents. <i>Organic Letters</i> , 2016, 18, 3122-3125.	4.6	42
30	Palladium-catalyzed dearomative arylphosphorylation of indoles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1577-1580.	4.5	42
31	Enantioselective Friedel-Crafts reaction of 4,7-dihydroindoles with $\beta$ -CF <sub>3</sub> - $\beta$ -disubstituted nitroalkenes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 124-126.	4.5	38
32	Indolizine synthesis via Cu-catalyzed cyclization of 2-(2-enynyl)pyridines with nucleophiles. <i>Organic Chemistry Frontiers</i> , 2015, 2, 226-230.	4.5	35
33	Enantioselective Friedel-Crafts Alkylation Reactions of 3-Substituted Indoles with Electron-Deficient Alkenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 3023-3030.	3.2	34
34	Palladium-Catalyzed Three-Component Cascade Reaction: Facial Access to Densely Functionalized Indolizines. <i>Chemistry - A European Journal</i> , 2015, 21, 7057-7060.	3.3	32
35	Enantioselective Dearomative [3 + 2] Umpolung Annulation of <i>N</i> -Heteroarenes with Alkynes. <i>Journal of the American Chemical Society</i> , 2022, 144, 1087-1093.	13.7	32
36	A Pd-catalyzed domino Larock annulation/dearomative Heck reaction. <i>Chemical Communications</i> , 2019, 55, 7711-7714.	4.1	31

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37	Lewis Acid Catalyzed Friedelâ€“Crafts Alkylation of Alkenes with Trifluoropyruvates. <i>Journal of Organic Chemistry</i> , 2016, 81, 3929-3935.	3.2	28
38	Au-catalyzed ring-opening reactions of 2-(1-alkynyl-cyclopropyl)pyridines with nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4855-4858.	2.8	26
39	Enantioselective Friedelâ€“Crafts C2-alkylation of 3-substituted indoles with trifluoropyruvates and cyclic <i>N</i> -sulfonyl Î±-ketiminoesters. <i>Organic Chemistry Frontiers</i> , 2018, 5, 929-932.	4.5	26
40	Diverse zinc coordination assemblies built on divergent 4,2,6,4-terpyridine derivatives; syntheses, structures and catalytic properties. <i>RSC Advances</i> , 2015, 5, 15870-15879.	3.6	24
41	3,3-Disubstituted Oxindoles Formation via Copper-Catalyzed Arylboration and Arylsilylation of Alkenes. <i>Organic Letters</i> , 2020, 22, 3215-3218.	4.6	22
42	Enantioselective alkynylation of <i>N</i> -sulfonyl Î±-ketiminoesters via a Friedelâ€“Crafts alkylation strategy. <i>Chemical Communications</i> , 2017, 53, 5890-5893.	4.1	20
43	Enantioselective Dearomative Mizorokiâ€“Heck Reaction of Naphthalenes. <i>ACS Catalysis</i> , 2022, 12, 655-661.	11.2	19
44	Nickel-catalyzed intramolecular addition of vinyl or aryl bromides to ketoamides. <i>Tetrahedron Letters</i> , 2014, 55, 2805-2808.	1.4	16
45	Asymmetric Friedelâ€“Crafts Alkylation Reaction in the Construction of Trifluoromethylated All-Carbon Quaternary Stereocenters. <i>Synlett</i> , 2014, 25, 457-460.	1.8	13
46	Enantioselective Intramolecular Desymmetric Î±-Addition of Cyclohexanone to Propiolamide Catalyzed by Sodium L-Proline. <i>Chinese Journal of Chemistry</i> , 2019, 37, 63-70.	4.9	13
47	Stereoselective 1,2-Dicarbonylfunctionalization of Trisubstituted Alkenes by Palladium-Catalyzed Heck/Suzuki or Heck/Sonogashira Domino Sequence. <i>CCS Chemistry</i> , 2021, 3, 2340-2349.	7.8	13
48	Enantioselective Pd-catalyzed dearomative reductive Heck and domino Heckâ€“Suzuki reactions of 2-CF <sub>3</sub> -indoles. <i>Chemical Communications</i> , 2022, 58, 6200-6203.	4.1	13
49	Synthesis of tetracyclic indolin-3-ones through Pd-catalyzed intramolecular deacetylation dearomatization of 3-acetoxy-indoles. <i>RSC Advances</i> , 2019, 9, 13959-13967.	3.6	12
50	Nickel-Catalyzed Enantioselective Friedelâ€“Crafts Alkylation of Indoles with Î²,Î²-Disubstituted Nitroalkenes. <i>Synlett</i> , 2015, 26, 2817-2820.	1.8	11
51	Enantioselective Arylation of Tetrasubstituted Enamines: Access to Enantioenriched Indolenine and 1H-Indole Derivatives. <i>ACS Catalysis</i> , 2021, 11, 1827-1832.	11.2	11
52	Ir(I)-catalyzed enantioselective hydrogenolysis of 3-aryl-3-hydroxyisoindolin-1-ones. <i>Tetrahedron Letters</i> , 2017, 58, 142-144.	1.4	10
53	Palladium-Catalyzed Enantioselective Heteroarenyne Cycloisomerization Reaction. <i>Angewandte Chemie</i> , 2021, 133, 7488-7493.	2.0	9
54	NiH-catalyzed dearomative hydroalkylation of indoles. <i>Chemical Communications</i> , 2022, 58, 5893-5896.	4.1	9

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55	Construction of Benzylic Stereogenic Carbon Centers through Enantioselective Arylation Reactions. <i>Synlett</i> , 2018, 29, 157-168.	1.8	5