

# Ji-Bao Xia

## List of Publications by Year in descending order

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42  
papers

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citations

279798

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docs citations

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times ranked

2216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Light-Promoted Metal-Free C-H Activation: Diarylketone-Catalyzed Selective Benzylic Mono- and Difluorination. <i>Journal of the American Chemical Society</i> , 2013, 135, 17494-17500.	13.7	471
2	Iridium-Catalyzed Asymmetric Allylic Substitutions. <i>Topics in Organometallic Chemistry</i> , 2011, , 155-207.	0.7	197
3	Carbon-Carbon Bond Formation through Double $sp^2$ C-H Activations: Synthesis of Ferrocenyl Oxazoline Derivatives. <i>Organometallics</i> , 2007, 26, 4869-4871.	2.3	185
4	Palladium-Catalyzed Aryl-Aryl Bond Formation Through Double C-H Activation. <i>Topics in Current Chemistry</i> , 2009, , 165-194.	4.0	120
5	Visible light-promoted metal-free $sp^3$ -C-H fluorination. <i>Chemical Communications</i> , 2014, 50, 11701-11704.	4.1	116
6	Synthesis of Planar Chiral Ferrocenes by Transition-Metal-Catalyzed Enantioselective C-H Activation. <i>ChemCatChem</i> , 2016, 8, 68-73.	3.7	102
7	Synthesis of Biindolizines through Highly Regioselective Palladium-Catalyzed C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2009, 74, 456-458.	3.2	89
8	Vanadium-catalyzed $C(sp^3)$ -H fluorination reactions. <i>Organic Chemistry Frontiers</i> , 2014, 1, 468-472.	4.5	75
9	Highly Regio- and Enantioselective Reductive Coupling of Alkynes and Aldehydes via Photoredox Cobalt Dual Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 7306-7313.	13.7	74
10	Reductive $CO_2$ Fixation via Tandem C-C and C-N Bond Formation: Synthesis of Spiro-indolepyrrolidines. <i>Organic Letters</i> , 2017, 19, 4259-4262.	4.6	67
11	DBU-Catalyzed Selective $N$ -Methylation and $N$ -Formylation of Amines with $CO_2$ and Polymethylhydrosiloxane. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2364-2369.	4.3	63
12	Photoredox Ni-Catalyzed Branch-Selective Reductive Coupling of Aldehydes with 1,3-Dienes. <i>ACS Catalysis</i> , 2020, 10, 1528-1534.	11.2	55
13	A highly selective vanadium catalyst for benzylic C-H oxidation. <i>Chemical Science</i> , 2012, 3, 2240.	7.4	54
14	Synthesis of 3-Haloindolizines by Copper(II) Halide Mediated Direct Functionalization of Indolizines. <i>Organic Letters</i> , 2009, 11, 1187-1190.	4.6	52
15	Palladium-Catalyzed Enantioselective C-H Aminocarbonylation: Synthesis of Chiral Isoquinolinones. <i>Organic Letters</i> , 2019, 21, 1749-1754.	4.6	52
16	Enantioselective Synthesis of $\Delta^4$ -Azabicyclo[4.1.0]heptenes and $\Delta^3$ -Azabicyclo[3.2.0]heptenes by Ir-Catalyzed Asymmetric Allylic Amination of $N$ -Tosyl Propynylamine and Pt-Catalyzed Cycloisomerization. <i>Chemistry - A European Journal</i> , 2010, 16, 6442-6446.	3.3	49
17	Iron-Catalyzed Selective $N$ -Methylation and $N$ -Formylation of Amines with $CO_2$ . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5098-5104.	4.3	48
18	Nickel-Catalyzed Kumada Coupling of Boc-Activated Aromatic Amines via Nondirected Selective Aryl C-N Bond Cleavage. <i>Organic Letters</i> , 2019, 21, 1226-1231.	4.6	44

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19	Boryl Radical Activation of Benzylic C—OH Bond: Cross-Electrophile Coupling of Free Alcohols and CO <sub>2</sub> via Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 8551-8559.	13.7	41
20	Intermolecular C—H Amidation of (Hetero)arenes to Produce Amides through Rhodium-Catalyzed Carbonylation of Nitrene Intermediates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8887-8892.	13.8	35
21	Recent Advances of CO <sub>2</sub> Fixation via Asymmetric Catalysis for the Direct Synthesis of Optically Active Small Molecules. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 2208.	1.3	30
22	A Simple Method for the Electrophilic Cyanation of Secondary Amines. <i>Organic Letters</i> , 2014, 16, 247-249.	4.6	26
23	Pd/Cu Cocatalyzed Oxidative Tandem C—H Aminocarbonylation and Dehydrogenation of Tryptamines: Synthesis of Carbolinones. <i>Journal of Organic Chemistry</i> , 2019, 84, 3357-3369.	3.2	26
24	Ketone-catalyzed photochemical C(sp <sup>3</sup> )—H chlorination. <i>Tetrahedron</i> , 2017, 73, 3696-3701.	1.9	25
25	Transition-Metal-Free Reductive Deoxygenative Olefination with CO <sub>2</sub> . <i>Organic Letters</i> , 2018, 20, 3282-3285.	4.6	24
26	Vanadium-catalyzed oxidative Strecker reaction: $\hat{\text{I}}\pm$ -C—H cyanation of para-methoxyphenyl (PMP)-protected primary amines. <i>Tetrahedron Letters</i> , 2014, 55, 232-234.	1.4	23
27	Redox-Triggered Ruthenium-Catalyzed Remote C—H Acylation with Primary Alcohols. <i>ACS Catalysis</i> , 2020, 10, 12987-12995.	11.2	20
28	Lewis Base-Catalyzed Amino-Acylation of Arylallenes via C—N Bond Cleavage: Reaction Development and Mechanistic Studies. <i>ACS Catalysis</i> , 2020, 10, 5419-5429.	11.2	20
29	Fe-Catalyzed Pictet-Spengler Cyclization via Selective Four-Electron Reductive Functionalization of CO <sub>2</sub> . <i>Chinese Journal of Chemistry</i> , 2021, 39, 614-620.	4.9	19
30	Pd-catalyzed amidation of 1,3-diketones with CO and azides via a nitrene intermediate. <i>Chemical Communications</i> , 2020, 56, 11437-11440.	4.1	13
31	Transition-Metal-Catalyzed Intermolecular C—H Carbonylation toward Amides. <i>Synlett</i> , 2021, 32, 07-13.	1.8	12
32	Photoredox Ni-Catalyzed Selective Coupling of Organic Halides and Oxalates to Esters via Alkoxycarbonyl Radical Intermediates. <i>CCS Chemistry</i> , 2022, 4, 1326-1336.	7.8	10
33	Catalytic synthesis of functionalized amidines via cobalt-carbene radical coupling with isocyanides and amines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1544-1550.	4.5	9
34	Intermolecular C—H Amidation of (Hetero)arenes to Produce Amides through Rhodium-Catalyzed Carbonylation of Nitrene Intermediates. <i>Angewandte Chemie</i> , 2019, 131, 8979-8984.	2.0	6
35	NHC-Nickel Catalyzed C—N Bond Cleavage of Mono-protected Anilines for C—C Cross-Coupling. <i>Organic Letters</i> , 2020, 22, 9609-9613.	4.6	6
36	[3 + 1 + 1] cyclization of vinyl oxiranes with azides and CO by tandem palladium catalysis: efficient synthesis of oxazolidinones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4112-4117.	4.5	6

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37	Front Cover Picture: Iron-catalyzed Selective N-Methylation and N-Formylation of Amines with CO <sub>2</sub> (Adv. Synth. Catal. 22/2019). Advanced Synthesis and Catalysis, 2019, 361, 5069-5069.	4.3	4
38	Tetramethylguanidine (TMG)-catalyzed reductive spirocyclization of tryptamine derivatives with formic acid as a C1 synthon. Tetrahedron Letters, 2019, 60, 1487-1489.	1.4	3
39	Pd-catalyzed Amidation of Silyl Enol Ethers With CO and Azides via an Isocyanate Intermediate. Asian Journal of Organic Chemistry, 2021, 10, 1704-1707.	2.7	3
40	Bis(1/4-2,5-di-3-pyridyl-1,3,4-oxadiazole-2N2:N5)disilver(I) bis(trifluoromethanesulfonate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m247-m248.	0.2	1
41	Intermolecular C-H Amidation of Alkenes with Carbon Monoxide and Azides via Tandem Palladium Catalysis. Synthesis, 2021, 53, 3361-3371.	2.3	0
42	Photoredox Nickel-Catalyzed Asymmetric Reductive Cross Coupling. Chinese Journal of Organic Chemistry, 2022, 42, 1567.	1.3	0