Jennifer X Qiao

List of Publications by Year
in descending order

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Version: 2024-02-01

63 papers	3,658 citations	147801 31 h-index	138484 58 g-index
70 all docs	70 docs citations	70 times ranked	3530 citing authors

#	Article	IF	Citations
1	Ni-electrocatalytic Csp3â€“Csp3 doubly decarboxylative coupling. Nature, 2022, 606, 313-318.	27.8	96
2	Ligandâ€Enabled Î²â€C(sp³)â^'H Lactamization of Tosylâ€Protected Aliphatic Amides Using a Practical Oxidant. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12
3	One-Step Synthesis of Î²-Alkylidene-Î³-lactones via Ligand-Enabled Î²,Î³-Dehydrogenation of Aliphatic Acids. Journal of the American Chemical Society, 2022, 144, 12924-12933.	13.7	34
4	Site-selective tyrosine bioconjugation via photoredox catalysis for native-to-bioorthogonal protein transformation. Nature Chemistry, 2021, 13, 902-908.	13.6	74
5	A tautomeric ligand enables directed Câ€'H hydroxylation with molecular oxygen. Science, 2021, 372, 1452-1457.	12.6	84
6	Ligand-controlled divergent dehydrogenative reactions of carboxylic acids via Câ€“H activation. Science, 2021, 374, 1281-1285.	12.6	64
7	Ligand Enabled Pd(II)-Catalyzed Î³-C(sp³)â€“H Lactamization of Native Amides. Journal of the American Chemical Society, 2021, 143, 21657-21666.	13.7	23
8	Site-Selective Functionalization of Methionine Residues via Photoredox Catalysis. Journal of the American Chemical Society, 2020, 142, 21260-21266.	13.7	82
9	Pd-Catalyzed Î³-C(sp³)â€“H Fluorination of Free Amines. Journal of the American Chemical Society, 2020, 142, 9966-9974.	13.7	76
10	Iridium(I)-Catalyzed Î±-C(sp³)â€“H Alkylation of Saturated Azacycles. Journal of the American Chemical Society, 2020, 142, 5117-5125.	13.7	52
11	Î²â€Selective Câ^'H Arylation of Electronâ€Deficient Thiophenes, Pyrroles, and Furans. Israel Journal of Chemistry, 2020, 60, 416-418.	2.3	12
12	Ligand-Enabled Pd(II)-Catalyzed C(sp³)â€“H Lactonization Using Molecular Oxygen as Oxidant. Organic Letters, 2020, 22, 3960-3963.	4.6	38
13	metaâ€Selective Câ^'H Arylation of Fluoroarenes and Simple Arenes. Angewandte Chemie - International Edition, 2020, 59, 13831-13835.	13.8	50
14	Transient Directing Group Enabled Pd-Catalyzed Î³-C(sp³)â€“H Oxygenation of Alkyl Amines. ACS Catalysis, 2020, 10, 5657-5662.	11.2	41
15	meta â€Selective Câ^'H Arylation of Fluoroarenes and Simple Arenes. Angewandte Chemie, 2020, 132, 13935-13939.	2.0	13
16	meta Câ€“H Arylation of Electron-Rich Arenes: Reversing the Conventional Site Selectivity. Journal of the American Chemical Society, 2019, 141, 14870-14877.	13.7	70
17	Identification of substituted benzothiazole sulfones as potent and selective inhibitors of endothelial lipase. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1918-1921.	2.2	2
18	Discovery of a Lead Triphenylethanamine Cholesterol Ester Transfer Protein (CETP) Inhibitor. ACS Medicinal Chemistry Letters, 2019, 10, 911-916.	2.8	0

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19	Pd^{II}â€Catalyzed Enantioselective C(sp³)âˆ’H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie - International Edition, 2019, 58, 2134-2138.	13.8	124
20	Oral Delivery of Highly Lipophilic, Poorly Water-Soluble Drugs: Self-Emulsifying Drug Delivery Systems to Improve Oral AbsorptionÂand Enable High-Dose Toxicology Studies of a CholesterylÂEster Transfer Protein Inhibitor in Preclinical Species. Journal of Pharmaceutical Sciences, 2018, 107, 1352-1360.	3.3	14
21	Leveraging a â€œCatchâ€“Releaseâ€•Logic Gate Process for the Synthesis and Nonchromatographic Purification of Thioether- or Amine-Bridged Macrocyclic Peptides. Journal of Organic Chemistry, 2018, 83, 4323-4335.	3.2	13
22	Pd(II)â€Catalyzed Enantioselective C(sp3)â€“H Activation/Crossâ€Coupling Reactions of Free Carboxylic Acids. Angewandte Chemie, 2018, 131, 2156.	2.0	34
23	Overcoming the Limitations of Î³- and Î´-Câ€“H Arylation of Amines through Ligand Development. Journal of the American Chemical Society, 2018, 140, 17884-17894.	13.7	156
24	Discovery and synthesis of tetrahydropyrimidinedione-4-carboxamides as endothelial lipase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3721-3725.	2.2	3
25	A General Amino Acid Synthesis Enabled by Innate Radical Crossâ€Coupling. Angewandte Chemie - International Edition, 2018, 57, 14560-14565.	13.8	97
26	A General Amino Acid Synthesis Enabled by Innate Radical Crossâ€Coupling. Angewandte Chemie, 2018, 130, 14768-14773.	2.0	25
27	Ligand-Enabled Î²-C(sp³)â€“H Olefination of Free Carboxylic Acids. Journal of the American Chemical Society, 2018, 140, 10363-10367.	13.7	105
28	Decarboxylative alkylation for site-selective bioconjugation of native proteins via oxidation potentials. Nature Chemistry, 2018, 10, 205-211.	13.6	272
29	Formation of Î±-chiral centers by asymmetric Î²-C(sp ³)â€“H arylation, alkenylation, and alkynylation. Science, 2017, 355, 499-503.	12.6	169
30	Palladium(II)â€Catalyzed Siteâ€Selective C(sp³)âˆ’H Alkynylation of Oligopeptides: A Linchpin Approach for Oligopeptideâ€“Drug Conjugation. Angewandte Chemie - International Edition, 2017, 56, 10924-10927.	13.8	142
31	Palladium(II)â€Catalyzed Siteâ€Selective C(sp³)âˆ’H Alkynylation of Oligopeptides: A Linchpin Approach for Oligopeptideâ€“Drug Conjugation. Angewandte Chemie, 2017, 129, 11064-11067.	2.0	52
32	Ligand-accelerated non-directed Câ€“H functionalization of arenes. Nature, 2017, 551, 489-493.	27.8	306
33	CITU: A Peptide and Decarboxylative Coupling Reagent. Organic Letters, 2017, 19, 6196-6199.	4.6	31
34	Decarboxylative Peptide Macrocyclization through Photoredox Catalysis. Angewandte Chemie - International Edition, 2017, 56, 728-732.	13.8	117
35	Microwave-assisted transamidation of ureas. Tetrahedron Letters, 2016, 57, 1941-1943.	1.4	11
36	Synthesis of Fmoc-Protected Arylphenylalanines (Bip Derivatives) via Nonaqueous Suzuki-Miyaura Cross-Coupling Reactions. Journal of Organic Chemistry, 2016, 81, 9499-9506.	3.2	7

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37	Triphenylethanamine Derivatives as Cholesteryl Ester Transfer Protein Inhibitors: Discovery of N-[(1R)-1-(3-Cyclopropoxy-4-fluorophenyl)-1-[3-fluoro-5-(1,1,2,2-tetrafluoroethoxy)phenyl]-2-phenylethyl]-4-fluoro-3-(trifluoromethyl)benzamide (BMS-795311). Journal of Medicinal Chemistry, 2015, 58, 9010-9026.	6.4	11
38	4â€²-Benzothiazoleâ€“7â€“hydroxyindolinyl Diaryl Ureas Are Potent P2Y₁ Antagonists with Favorable Pharmacokinetics: Low Clearance and Small Volume of Distribution. ChemMedChem, 2014, 9, 2327-2343.	3.2	12
39	2-Amino-1,3,4-thiadiazoles in the 7-hydroxy-N-neopentyl spiropiperidine indolinyl series as potent P2Y1 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2481-2485.	2.2	10
40	Discovery of 4-Aryl-7-Hydroxyindoline-Based P2Y₁ Antagonists as Novel Antiplatelet Agents. Journal of Medicinal Chemistry, 2014, 57, 6150-6164.	6.4	38
41	Identification of 1-{2-[4-chloro-1â€²-(2,2-dimethylpropyl)-7-hydroxy-1,2-dihydrospiro[indole-3,4â€²-piperidine]-1-yl]phenyl}-3-{5-chloro-[1,3]thiazolo[5,4-b]pyridin-2-yl}urea, a potent, efficacious and orally bioavailable P2Y1 antagonist as an antiplatelet agent. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1294-1298.	2.2	19
42	Orally bioavailable factor Xa inhibitors containing alpha-substituted gem-dimethyl P4 moieties. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3341-3345.	2.2	9
43	Conformationally Constrained ortho-Anilino Diaryl Ureas: Discovery of 1-(2-(1â€²-Neopentylspiro[indoline-3,4â€²-piperidine]-1-yl)phenyl)-3-(4-(trifluoromethoxy)phenyl)urea, a Potent, Selective, and Bioavailable P2Y₁ Antagonist. Journal of Medicinal Chemistry, 2013, 56, 9275-9295.	6.4	60
44	Discovery of diarylurea P2Y1 antagonists with improved aqueous solubility. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3239-3243.	2.2	18
45	Potent P2Y1 urea antagonists bearing various cyclic amine scaffolds. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6825-6828.	2.2	10
46	AlMe₃-Promoted Formation of Amides from Acids and Amines. Organic Letters, 2012, 14, 214-217.	4.6	43
47	The emergence of factor Xa inhibitors for the treatment of cardiovascular diseases: a patent review. Expert Opinion on Therapeutic Patents, 2012, 22, 645-661.	5.0	16
48	Diphenylpyridylethanamine (DPPE) Derivatives as Cholesteryl Ester Transfer Protein (CETP) Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 6162-6175.	6.4	24
49	Synthesis of tertiary carbinamines. Tetrahedron, 2012, 68, 2696-2703.	1.9	16
50	Transformation of Anionically Activated Trifluoromethyl Groups to Heterocycles under Mild Aqueous Conditions. Organic Letters, 2011, 13, 1804-1807.	4.6	39
51	Copper-Promoted Carbon-Heteroatom Bond Cross-Coupling with Boronic Acids and Derivatives. Synthesis, 2011, 2011, 829-856.	2.3	499
52	Preparation of Monofluorophenols via the Reaction of Difluorobenzene Derivatives with Potassium Trimethylsilanoate. Synlett, 2009, 2009, 633-637.	1.8	5
53	Highly efficacious factor Xa inhibitors containing Î±-substituted phenylcycloalkyl P4 moieties. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 462-468.	2.2	16
54	Achieving structural diversity using the perpendicular conformation of alpha-substituted phenylcyclopropanes to mimic the bioactive conformation of ortho-substituted biphenyl P4 moieties: Discovery of novel, highly potent inhibitors of Factor Xa. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4118-4123.	2.2	49

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55	2-Arylbenzoxazoles as novel cholesteryl ester transfer protein inhibitors: Optimization via array synthesis. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2640-2644.	2.2	37
56	A practical synthesis of aryl tetrafluoroethyl ethers via the improved reaction of phenols with 1,2-dibromotetrafluoroethane. Tetrahedron Letters, 2007, 48, 7516-7519.	1.4	22
57	Pyrazole-based factor Xa inhibitors containing N-arylpiperidinyl P4 residues. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1432-1437.	2.2	19
58	SAR and X-ray structures of enantiopure 1,2-cis-(1R,2S)-cyclopentyldiamine and cyclohexyldiamine derivatives as inhibitors of coagulation Factor Xa. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4419-4427.	2.2	28
59	Enantiopure five-membered cyclicdiamine derivatives as potent and selective inhibitors of factor Xa. Improving in vitro metabolic stability via core modifications. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5041-5048.	2.2	15
60	5-Amidinoindoles as Dual Inhibitors of Coagulation Factors IXa and Xa.. ChemInform, 2005, 36, no.	0.0	0
61	5-Amidinobenzo[b]thiophenes as dual inhibitors of factors IXa and Xa. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 29-35.	2.2	50
62	5-Amidinoindoles as dual inhibitors of coagulation factors IXa and Xa. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5269-5273.	2.2	33
63	Ligandâ€Enabled Î²â€C(sp ³)â^'H Lactamization of Tosylâ€Protected Aliphatic Amides Using a Practical Oxidant. Angewandte Chemie, 0, , .	2.0	2