

Chen-Guo Feng

List of Publications by Year in descending order

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papers

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citations

304743

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docs citations

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times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of C ₂ -Symmetric Tetrahydropentalenes as New Chiral Diene Ligands for Highly Enantioselective Rh-Catalyzed Arylation of N-Tosylarylimines with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 5336-5337.	13.7	364
2	Pd(II)-Catalyzed Phosphorylation of Aryl C-H Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 9322-9325.	13.7	280
3	Borylation of Olefin C-H Bond via Aryl to Vinyl Palladium 1,4-Migration. <i>Journal of the American Chemical Society</i> , 2016, 138, 2897-2900.	13.7	121
4	Highly Enantioselective Arylation of N-Tosylalkylaldimines Catalyzed by Rhodium-Diene Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 12394-12397.	13.7	112
5	Asymmetric Synthesis of β -Substituted γ -Lactams via Rhodium/Diene-Catalyzed 1,4-Additions: Application to the Synthesis of (R)-Baclofen and (R)-Rolipram. <i>Organic Letters</i> , 2011, 13, 788-791.	4.6	108
6	Highly Practical Catalytic Asymmetric 1,4-Addition of Arylboronic Acids in Water Using New Hydrophilic Chiral Bicyclo[3.3.0] Diene Ligands. <i>Organic Letters</i> , 2008, 10, 4101-4104.	4.6	89
7	C ₁ -Symmetric Dicyclopentadienes as New Chiral Diene Ligands for Asymmetric Rhodium-Catalyzed Arylation of N-Tosylarylimines. <i>Organic Letters</i> , 2010, 12, 3820-3823.	4.6	81
8	Highly Stereoselective Synthesis of 1,3-Dienes through an Aryl to Vinyl 1,4-Palladium Migration/Heck Sequence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5871-5875.	13.8	78
9	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfur olefin ligands in asymmetric synthesis. <i>Organic Chemistry Frontiers</i> , 2015, 2, 73-89.	4.5	68
10	Enantioselective Rhodium-Catalyzed Arylation of Cyclic N-Sulfamidate Alkylketimines: A New Access to Chiral β -Alkyl- β -aryl Amino Alcohols. <i>Organic Letters</i> , 2014, 16, 3400-3403.	4.6	66
11	Easily Accessible C ₂ -Symmetric Chiral Bicyclo[3.3.0] Dienes as Ligands for Rhodium-Catalyzed Asymmetric 1,4-Addition. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1511-1516.	3.3	62
12	Highly Enantioselective Alkenylation of Cyclic α,β -Unsaturated Carbonyl Compounds as Catalyzed by a Rhodium-Diene Complex: Application to the Synthesis of (S)-Pregabalin and (R)-Kainic Acid. <i>Chemistry - A European Journal</i> , 2012, 18, 13274-13278.	3.3	50
13	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4-Rhodium Migration. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3387-3391.	13.8	47
14	Enantioselective Alkenylation of Aldimines Catalyzed by a Rhodium-Diene Complex. <i>Organic Letters</i> , 2014, 16, 1016-1019.	4.6	46
15	Sequential Cross-Coupling/Annulation of ortho-Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16543-16547.	13.8	37
16	Regio- and Diastereoselective Access to 4-Imidazolidinones via an Aza-Mannich Initiated Cyclization of Sulfamate-Derived Cyclic Imines with α -Halo Hydroxamates. <i>Journal of Organic Chemistry</i> , 2019, 84, 9179-9187.	3.2	36
17	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of α -Lidene-phthalides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13140-13144.	13.8	33
18	Development of Bicyclo[3.3.0]octadiene- or Dicyclopentadiene-Based Chiral Diene Ligands for Transition-Metal-Catalyzed Reactions. <i>Synlett</i> , 2011, 2011, 1345-1356.	1.8	31

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19	Tandem Reactions involving 1,4-Palladium Migrations. Chemistry - an Asian Journal, 2022, 17, .	3.3	28
20	Synthesis of chiral cyclobutanes via rhodium/diene-catalyzed asymmetric 1,4-addition: a dramatic ligand effect on the diastereoselectivity. Chemical Communications, 2015, 51, 8773-8776.	4.1	27
21	Suzuki-Miyaura Coupling Enabled by Aryl to Vinyl 1,4-Palladium Migration. IScience, 2020, 23, 100966.	4.1	26
22	Highly Stereoselective Synthesis of 1,3-Dienes through an Aryl to Vinyl 1,4-Palladium Migration/Heck Sequence. Angewandte Chemie, 2018, 130, 5973-5977.	2.0	25
23	Synthesis of Substituted Naphthalenes by 1,4-Palladium Migration Involved Annulation with Internal Alkynes. Chinese Journal of Chemistry, 2018, 36, 743-748.	4.9	25
24	Stereoselective synthesis of conjugated trienes via 1,4-palladium migration/Heck sequence. Chemical Communications, 2020, 56, 14420-14422.	4.1	21
25	Easily accessible chiral dicyclopentadiene ligands for rhodium-catalyzed enantioselective 1,4-addition reactions. Tetrahedron Letters, 2012, 53, 2733-2735.	1.4	17
26	Enantioselective Rhodium-Catalyzed Alkenylation of Aliphatic Imines. Organic Letters, 2017, 19, 5601-5604.	4.6	17
27	Silver-promoted synthesis of vinyl sulfones from vinyl bromides and sulfonyl hydrazides in water. Chemical Communications, 2020, 56, 4688-4691.	4.1	16
28	Enantioselective Addition of Heteroarylboronates to Arylimines Catalyzed by a Rhodium-Diene Complex. Advanced Synthesis and Catalysis, 2015, 357, 2815-2820.	4.3	15
29	Borylation of Unactivated C(sp ³)-H Bonds with Bromide as a Traceless Directing Group. Organic Letters, 2021, 23, 2948-2953.	4.6	15
30	Synthesis of chiral isoindolinones via asymmetric propargylation/lactamization cascade. Tetrahedron Letters, 2018, 59, 1564-1567.	1.4	14
31	A 1,4-Palladium Migration/Heck Sequence with Unactivated Alkenes: Stereoselective Synthesis of Trisubstituted 1,3-Dienes. Advanced Synthesis and Catalysis, 2021, 363, 2089-2092.	4.3	14
32	Palladium-catalyzed allene synthesis enabled by β^2 -hydrogen elimination from sp ² -carbon. Nature Communications, 2021, 12, 728.	12.8	13
33	Halogenation of 1,1-diarylethylenes by N-halosuccinimides. Tetrahedron, 2019, 75, 1658-1662.	1.9	12
34	Regioselective Tandem C-H Alkylation/Coupling Reaction of ortho-Iodophenylethylenes via C-C-Pallada(II)cycles. ACS Catalysis, 2021, 11, 12123-12132.	11.2	10
35	Phosphorylation of C(sp ³)-H Bonds via 1,4-Palladium Migration. Organic Letters, 2022, 24, 3781-3785.	4.6	10
36	Enantioselective synthesis of 3-aryl-phthalides through a nickel-catalyzed stereoconvergent cross-coupling reaction. Organic and Biomolecular Chemistry, 2021, 19, 4492-4496.	2.8	9

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37	Synthesis of tetrasubstituted allenes <i>via</i> a 1,4-palladium migration/carbene insertion/ β -H elimination sequence. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5383-5386.	2.8	7
38	Sequential Cross-Coupling/Annulation of <i>ortho</i> -Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. <i>Angewandte Chemie</i> , 2019, 131, 16695-16699.	2.0	6
39	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4-Rhodium Migration. <i>Angewandte Chemie</i> , 2019, 131, 3425-3429.	2.0	6
40	Palladium-catalyzed cross-coupling of unreactive C(sp ³)-H bonds with azole C(sp ²)-H bonds by using bromide as a traceless directing group. <i>Chemical Communications</i> , 2022, 58, 6661-6664.	4.1	6
41	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of 3- γ -lidenephthalides. <i>Angewandte Chemie</i> , 2018, 130, 13324-13328.	2.0	5
42	An azo-bridged ring system enabled by-standing immobilization of a chiral diene ligand. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5397-5402.	4.5	3
43	Non-targeted screening of pyranosides in <i>Rhodiola crenulata</i> using an all ion fragmentation-exact neutral loss strategy combined with liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Phytochemical Analysis</i> , 2021, 32, 1039-1050.	2.4	2
44	Palladium-Catalyzed Tandem β -Arylation/Aromatization of Cyclohex-2-en-1-one Derivatives: A Route to 3,4-dihydroanthracen-1(2 H)-ones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3001-3005.	4.3	1
45	Multiplexed Analysis of Endogenous Guanidino Compounds <i>via</i> Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case. <i>Analytical Chemistry</i> , 2021, 93, 16862-16872.	6.5	1
46	Effects of <i>Artemisia annua</i> L. Essential Oil on Osteoclast Differentiation and Function Induced by RANKL. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	1.2	0
47	Total Synthesis of (-)-Amathaspiramide A <i>via</i> One-pot Aldol Addition/Transamidification Reaction. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	0