Chen-Guo Feng

List of Publications by Year
in descending order

47	2,093	304743	233421
papers	citations	22 h-index	45 g-index

54	54	54	1643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of Artemisia annua L. Essential Oil on Osteoclast Differentiation and Function Induced by RANKL. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-13.	1.2	0
2	Palladium-catalyzed cross-coupling of unreactive C(sp³)â€“H bonds with azole C(sp²)â€“H bonds by using bromide as a traceless directing group. Chemical Communications, 2022, 58, 6661-6664.	4.1	6
3	Phosphorylation of C(sp³)â€“H Bonds via 1,4-Palladium Migration. Organic Letters, 2022, 24, 3781-3785.	4.6	10
4	Tandem Reactions involving 1,4â€Palladium Migrations. Chemistry - an Asian Journal, 2022, 17, .	3.3	28
5	Synthesis of tetrasubstituted allenes via a 1,4-palladium migration/carbene insertion/Î²-H elimination sequence. Organic and Biomolecular Chemistry, 2022, 20, 5383-5386.	2.8	7
6	An azo-bridged ring system enabled by-standing immobilization of a chiral diene ligand. Organic Chemistry Frontiers, 2021, 8, 5397-5402.	4.5	3
7	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
8	Palladium-catalyzed allene synthesis enabled by Î²-hydrogen elimination from sp2-carbon. Nature Communications, 2021, 12, 728.	12.8	13
9	Borylation of Unactivated C(sp³)â€“H Bonds with Bromide as a Traceless Directing Group. Organic Letters, 2021, 23, 2948-2953.	4.6	15
10	A 1,4â€Palladium Migration/Heck Sequence with Unactivated Alkenes: Stereoselective Synthesis of Trisubstituted 1,3â€Dienes. Advanced Synthesis and Catalysis, 2021, 363, 2089-2092.	4.3	14
11	Nonâ€targeted screening of pyranosides in Rhodiola crenulata using an all ion fragmentationâ€exact neutral loss strategy combined with liquid chromatographyâ€quadrupole timeâ€ofâ€flight mass spectrometry. Phytochemical Analysis, 2021, 32, 1039-1050.	2.4	2
12	Palladiumâ€Catalyzed Tandem Î³â€Arylation/Aromatization of Cyclohexâ€2â€Enâ€1â€One Derivatives: A Route to 3,4â€Dihydroanthracenâ€1(2 H)â€Ones. Advanced Synthesis and Catalysis, 2021, 363, 3001-3005.	4.3	1
13	Regioselective Tandem Câ€“H Alkylation/Coupling Reaction of ortho-Iodophenylethylenes via C,C-Pallada(II)cycles. ACS Catalysis, 2021, 11, 12123-12132.	11.2	10
14	Multiplexed Analysis of Endogenous Guanidino Compounds via Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case. Analytical Chemistry, 2021, 93, 16862-16872.	6.5	1
15	Stereoselective synthesis of conjugated trienes via 1,4-palladium migration/Heck sequence. Chemical Communications, 2020, 56, 14420-14422.	4.1	21
16	Suzuki-Miyaura Coupling Enabled by Aryl to Vinyl 1,4-Palladium Migration. IScience, 2020, 23, 100966.	4.1	26
17	Silver-promoted synthesis of vinyl sulfones from vinyl bromides and sulfonyl hydrazides in water. Chemical Communications, 2020, 56, 4688-4691.	4.1	16
18	Sequential Crossâ€Coupling/Annulation of orthoâ€Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. Angewandte Chemie, 2019, 131, 16695-16699.	2.0	6

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19	Sequential Crossâ€Coupling/Annulation of orthoâ€Vinyl Bromobenzenes with Aromatic Bromides for the Synthesis of Polycyclic Aromatic Compounds. Angewandte Chemie - International Edition, 2019, 58, 16543-16547.	13.8	37
20	Regio- and Diastereoselective Access to 4-Imidazolidinones via an Aza-Mannich Initiated Cyclization of Sulfamate-Derived Cyclic Imines with Î±-Halo Hydroxamates. Journal of Organic Chemistry, 2019, 84, 9179-9187.	3.2	36
21	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4â€Rhodium Migration. Angewandte Chemie, 2019, 131, 3425-3429.	2.0	6
22	Halogenation of 1,1-diarylethylenes by N-halosuccinimides. Tetrahedron, 2019, 75, 1658-1662.	1.9	12
23	Asymmetric Alkenylation of Enones and Imines Enabled by A Highly Efficient Aryl to Vinyl 1,4â€Rhodium Migration. Angewandte Chemie - International Edition, 2019, 58, 3387-3391.	13.8	47
24	Synthesis of chiral isoindolinones via asymmetric propargylation/lactamization cascade. Tetrahedron Letters, 2018, 59, 1564-1567.	1.4	14
25	Highly Stereoselective Synthesis of 1,3â€Dienes through an Aryl to Vinyl 1,4â€Palladium Migration/Heck Sequence. Angewandte Chemie - International Edition, 2018, 57, 5871-5875.	13.8	78
26	Highly Stereoselective Synthesis of 1,3â€Dienes through an Aryl to Vinyl 1,4â€Palladium Migration/Heck Sequence. Angewandte Chemie, 2018, 130, 5973-5977.	2.0	25
27	Irâ€SpinPHOX Catalyzed Enantioselective Hydrogenation of 3â€Ylidenephthalides. Angewandte Chemie, 2018, 130, 13324-13328.	2.0	5
28	Irâ€SpinPHOX Catalyzed Enantioselective Hydrogenation of 3â€Ylidenephthalides. Angewandte Chemie - International Edition, 2018, 57, 13140-13144.	13.8	33
29	Synthesis of Substituted Naphthalenes by 1,4â€Palladium Migration Involved Annulation with Internal Alkynes. Chinese Journal of Chemistry, 2018, 36, 743-748.	4.9	25
30	Enantioselective Rhodium-Catalyzed Alkenylation of Aliphatic Imines. Organic Letters, 2017, 19, 5601-5604.	4.6	17
31	Borylation of Olefin Câ€“H Bond via Aryl to Vinyl Palladium 1,4-Migration. Journal of the American Chemical Society, 2016, 138, 2897-2900.	13.7	121
32	Enantioselective Addition of Heteroarylboronates to Arylimines Catalyzed by a Rhodiumâ€Diene Complex. Advanced Synthesis and Catalysis, 2015, 357, 2815-2820.	4.3	15
33	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfurâ€“olefin ligands in asymmetric synthesis. Organic Chemistry Frontiers, 2015, 2, 73-89.	4.5	68
34	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
35	Enantioselective Alkenylation of Aldimines Catalyzed by a Rhodiumâ€“Diene Complex. Organic Letters, 2014, 16, 1016-1019.	4.6	46
36	Enantioselective Rhodium-Catalyzed Arylation of Cyclic N-Sulfamidate Alkylketimines: A New Access to Chiral Î²-Alkyl-Î²-aryl Amino Alcohols. Organic Letters, 2014, 16, 3400-3403.	4.6	66

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37	Pd(II)-Catalyzed Phosphorylation of Aryl Câ€“H Bonds. Journal of the American Chemical Society, 2013, 135, 9322-9325.	13.7	280
38	Highly Enantioselective Alkenylation of Cyclic Î±,Î²â€Unsaturated Carbonyl Compounds as Catalyzed by a Rhodiumâ€“Diene Complex: Application to the Synthesis of (S)â€Pregabalin and (â^')â€Î±â€Kainic Acid. Chemistry - A European Journal, 2012, 18, 13274-13278.	3.3	50
39	Easily accessible chiral dicyclopentadiene ligands for rhodium-catalyzed enantioselective 1,4-addition reactions. Tetrahedron Letters, 2012, 53, 2733-2735.	1.4	17
40	Highly Enantioselective Arylation of N-Tosylalkylaldimines Catalyzed by Rhodium-Diene Complexes. Journal of the American Chemical Society, 2011, 133, 12394-12397.	13.7	112
41	Asymmetric Synthesis of Î²-Substituted Î³-Lactams via Rhodium/Diene-Catalyzed 1,4-Additions: Application to the Synthesis of (R)-Baclofen and (R)-Rolipram. Organic Letters, 2011, 13, 788-791.	4.6	108
42	Development of Bicyclo[3.3.0]octadiene- or Dicyclopentadiene-Based Chiral Diene Ligands for Transition-Metal-Catalyzed Reactions. Synlett, 2011, 2011, 1345-1356.	1.8	31
43	C₁-Symmetric Dicyclopentadienes as New Chiral Diene Ligands for Asymmetric Rhodium-Catalyzed Arylation of N-Tosylarylimines. Organic Letters, 2010, 12, 3820-3823.	4.6	81
44	Easily Accessible C₂â€Symmetric Chiral Bicyclo[3.3.0] Dienes as Ligands for Rhodiumâ€Catalyzed Asymmetric 1,4â€Addition. Chemistry - an Asian Journal, 2008, 3, 1511-1516.	3.3	62
45	Highly Practical Catalytic Asymmetric 1,4-Addition of Arylboronic Acids in Water Using New Hydrophilic Chiral Bicyclo[3.3.0] Diene Ligands. Organic Letters, 2008, 10, 4101-4104.	4.6	89
46	Design ofC2-Symmetric Tetrahydropentalenes as New Chiral Diene Ligands for Highly Enantioselective Rh-Catalyzed Arylation ofN-Tosylarylimines with Arylboronic Acids. Journal of the American Chemical Society, 2007, 129, 5336-5337.	13.7	364
47	Total Synthesis of (-)-Amathaspiramide A via One-pot Aldol Addition/Transamidification Reaction. Organic Chemistry Frontiers, 0, , .	4.5	0