Keisuke Nogi

List of Publications by Year
in descending order

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63 papers	2,316 citations	201674 27 h-index	223800 46 g-index
71 all docs	71 docs citations	71 times ranked	1679 citing authors

#	Article	IF	Citations
1	Nickel-Catalyzed Carboxylation of Aryl and Vinyl Chlorides Employing Carbon Dioxide. Journal of the American Chemical Society, 2012, 134, 9106-9109.	13.7	308
2	Metal-Free Approach to Biaryls from Phenols and Aryl Sulfoxides by Temporarily Sulfur-Tethered Regioselective Câ€“H/Câ€“H Coupling. Journal of the American Chemical Society, 2016, 138, 14582-14585.	13.7	157
3	Recent development of ortho -Câ€“H functionalization of aryl sulfoxides through [3,3] sigmatropic rearrangement. Tetrahedron Letters, 2018, 59, 2951-2959.	1.4	98
4	Câ€“S Bond Activation. Topics in Current Chemistry, 2018, 376, 13.	5.8	93
5	Carboxyzincation Employing Carbon Dioxide and Zinc Powder: Cobalt-Catalyzed Multicomponent Coupling Reactions with Alkynes. Journal of the American Chemical Society, 2016, 138, 5547-5550.	13.7	90
6	Palladium-Catalyzed Borylation of Aryl Sulfoniums with Diborons. ACS Catalysis, 2018, 8, 579-583.	11.2	89
7	Cobalt- and Nickel-Catalyzed Carboxylation of Alkenyl and Sterically Hindered Aryl Triflates Utilizing CO₂. Journal of Organic Chemistry, 2015, 80, 11618-11623.	3.2	82
8	Nickel-Catalyzed Boron Insertion into the C2â€“O Bond of Benzofurans. Journal of the American Chemical Society, 2016, 138, 15315-15318.	13.7	74
9	Cobalt-catalyzed carboxylation of propargyl acetates with carbon dioxide. Chemical Communications, 2014, 50, 13052-13055.	4.1	72
10	Aromatic metamorphosis: conversion of an aromatic skeleton into a different ring system. Chemical Communications, 2017, 53, 4055-4065.	4.1	70
11	Regioselective Câ€“H Sulfanylation of Aryl Sulfoxides by Means of Pummerer-Type Activation. Organic Letters, 2017, 19, 4552-4555.	4.6	61
12	Ni-Catalyzed Carboxylation of C(sp²)â€“S Bonds with CO₂: Evidence for the Multifaceted Role of Zn. ACS Catalysis, 2020, 10, 2117-2123.	11.2	50
13	Cross-coupling of Aryl Sulfides Powered by N-Heterocyclic Carbene Ligands. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 1119-1127.	0.1	49
14	Palladium-Catalyzed ipso-Borylation of Aryl Sulfides with Diborons. Organic Letters, 2016, 18, 2966-2969.	4.6	49
15	Sigmatropic Rearrangements of Hypervalentâ€Iodineâ€Tethered Intermediates for the Synthesis of Biaryls. Angewandte Chemie - International Edition, 2018, 57, 4663-4667.	13.8	49
16	Sigmatropic Dearomatization/Defluorination Strategy for Câˆ’F Transformation: Synthesis of Fluorinated Benzofurans from Polyfluorophenols. Angewandte Chemie - International Edition, 2018, 57, 14230-14234.	13.8	42
17	Palladium-Catalyzed Amination of Aryl Sulfoxides. Organic Letters, 2018, 20, 1134-1137.	4.6	41
18	Aromatic Metamorphosis of Dibenzofurans into Triphenylenes Starting with Nickel-Catalyzed Ring-Opening Câ€“O Arylation. Organic Letters, 2017, 19, 1274-1277.	4.6	40

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19	Palladium-Catalyzed Alkoxycarbonylation of Arylsulfoniums. Organic Letters, 2019, 21, 2518-2522.	4.6	39
20	Intramolecular Desulfitative Coupling: Nickel-Catalyzed Transformation of Diaryl Sulfones into Biaryls via Extrusion of SO₂. Organic Letters, 2018, 20, 6601-6605.	4.6	37
21	Nickel-Catalyzed Cross-Coupling Reaction of Aryl Sulfoxides with Arylzinc Reagents: When the Leaving Group is an Oxidant. ACS Catalysis, 2017, 7, 7623-7628.	11.2	36
22	Diborative Reduction of Alkynes to 1,2-Diboryl-1,2-Dimetalloalkanes: Its Application for the Synthesis of Diverse 1,2-Bis(boronate)s. Organic Letters, 2019, 21, 4739-4744.	4.6	36
23	Manganese-Catalyzed Ring Opening of Benzofurans and Its Application to Insertion of Heteroatoms into the C2â€“O Bond. Organic Letters, 2017, 19, 5557-5560.	4.6	35
24	Carbonâ€“Carbon Bond Cleavage at Allylic Positions: Retro-allylation and Deallylation. Chemical Reviews, 2021, 121, 345-364.	47.7	35
25	Aromatic Metamorphosis of Indoles into 1,2-Benzazaborins. Organic Letters, 2019, 21, 3855-3860.	4.6	32
26	Palladiumâ€Catalyzed Insertion of Isocyanides into the Câ^'S Bonds of Heteroaryl Sulfides. Angewandte Chemie - International Edition, 2018, 57, 6653-6657.	13.8	30
27	Palladiumâ€Catalyzed Mizorokiâ€“Heckâ€Type Alkenylation of Monoaryldialkylsulfoniums. Chemistry - an Asian Journal, 2018, 13, 2397-2400.	3.3	30
28	Cross-Coupling of Aryl Trifluoromethyl Sulfones with Arylboronates by Cooperative Palladium/Rhodium Catalysis. Organic Letters, 2019, 21, 8987-8991.	4.6	30
29	Reductive Difunctionalization of Aryl Alkenes with Sodium Metal and Reduction-Resistant Alkoxy-Substituted Electrophiles. Organic Letters, 2020, 22, 2303-2307.	4.6	30
30	Photoredoxâ€Catalyzed Alkenylation of Benzylsulfonium Salts. Chemistry - an Asian Journal, 2019, 14, 532-536.	3.3	28
31	Sigmatropic Rearrangements of Hypervalentâ€Iodineâ€Tethered Intermediates for the Synthesis of Biaryls. Angewandte Chemie, 2018, 130, 4753-4757.	2.0	26
32	Construction of Biaryls from Aryl Sulfoxides and Anilines by Means of a Sigmatropic Rearrangement. Chemistry - A European Journal, 2020, 26, 783-787.	3.3	25
33	Catalytic Carbonylation and Carboxylation of Organosulfur Compounds via Câ^'S Cleavage. Chemistry - an Asian Journal, 2020, 15, 441-449.	3.3	24
34	Rh/Cu-cocatalyzed Ring-opening Diborylation of Dibenzothiophenes for Aromatic Metamorphosis via Diborylbiaryls. Chemistry Letters, 2017, 46, 1122-1125.	1.3	23
35	Copperâ€Catalyzed Ringâ€Opening Silylation of Benzofurans with Disilane. Angewandte Chemie - International Edition, 2018, 57, 11030-11034.	13.8	23
36	Synthesis of Nâ€Alkyl and Nâ€Hâ€Carbazoles through S_NArâ€Based Aminations of Dibenzothiophene Dioxides. Chemistry - A European Journal, 2019, 25, 14780-14784.	3.3	22

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37	Sodium-Metal-Promoted Reductive 1,2-syn-Diboration of Alkynes with Reduction-Resistant Trimethoxyborane. Bulletin of the Chemical Society of Japan, 2020, 93, 1171-1179.	3.2	22
38	Annulative Synthesis of Benzofurans from General Alkenyl Sulfoxides and Phenols via Pummerer/Sigmatropic Cascade. Bulletin of the Chemical Society of Japan, 2019, 92, 302-311.	3.2	19
39	Palladium-Catalyzed Double Borylation of Diaryl Sulfoxides with Diboron. Synthesis, 2017, 49, 4769-4774.	2.3	18
40	Sulfoxide-Directed Iterative Assembly into Oligoarenes. Synlett, 2020, 31, 153-157.	1.8	18
41	Câ€“S Bond Alkynylation of Diaryl Sulfoxides with Terminal Alkynes by Means of a Palladiumâ€“NHC Catalyst. Synlett, 2017, 28, 2561-2564.	1.8	15
42	Sigmatropic Dearomatization/Defluorination Strategy for Câ^'F Transformation: Synthesis of Fluorinated Benzofurans from Polyfluorophenols. Angewandte Chemie, 2018, 130, 14426-14430.	2.0	14
43	Cobaltâ€Catalyzed Reduction of Aryl Sulfones to Arenes by Means of Alkylmagnesium Reagents. Asian Journal of Organic Chemistry, 2018, 7, 2049-2052.	2.7	13
44	Palladium-Catalyzed Arylthiolation of Alkynes Enabled by Surmounting Competitive Dimerization of Alkynes. Organic Letters, 2019, 21, 8295-8299.	4.6	13
45	Câ^'F Arylation of Polyfluorophenols by Means of Sigmatropic Dearomatization/Defluorination Sequence. Chemistry - A European Journal, 2020, 26, 5615-5618.	3.3	13
46	Palladiumâ€Catalyzed Câ^'H Iodination of Arenes by Means of Sulfinyl Directing Groups. Chemistry - an Asian Journal, 2020, 15, 2442-2446.	3.3	12
47	Catalytic inter- and intramolecular coupling of aryl sulfones. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 742-745.	1.6	11
48	B₂cat₂â€Mediated Reduction of Sulfoxides to Sulfides. European Journal of Organic Chemistry, 2020, 2020, 3009-3012.	2.4	11
49	Palladium-Catalyzed Homo-Coupling of Heteroarylsulfoniums via Borylation/Suzuki-Miyaura Coupling Sequence. Heterocycles, 2018, 97, 998.	0.7	11
50	Palladiumâ€Catalyzed periâ€Selective Câ^'H Fluoroalkoxylation of Aryl Sulfoxides. ChemCatChem, 2020, 12, 3467-3471.	3.7	10
51	Annulative Synthesis of Thiazoles and Oxazoles from Alkenyl Sulfoxides and Nitriles via Additive Pummerer Reaction. Asian Journal of Organic Chemistry, 2019, 8, 1084-1087.	2.7	9
52	Regioselective Difunctionalization of 2,6-Difluorophenols Triggered by Sigmatropic Dearomatization. Organic Letters, 2020, 22, 5540-5544.	4.6	9
53	Palladium-Catalyzed Arylation of Benzylic Câ€“H Bonds of Azaarylmethanes with Aryl Sulfides. Synlett, 2017, 28, 2956-2960.	1.8	8
54	Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide Catalyzed by MgCl₂. Chemistry Letters, 2017, 46, 968-969.	1.3	7

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55	Metal-free synthesis of biaryls from aryl sulfoxides and sulfonanilides via sigmatropic rearrangement. Tetrahedron, 2020, 76, 131232.	1.9	7
56	Palladiumâ€Catalyzed Insertion of Isocyanides into the Câ^'S Bonds of Heteroaryl Sulfides. Angewandte Chemie, 2018, 130, 6763-6767.	2.0	5
57	A Route to Indoles via Modified Fischer Indole Intermediates from Sulfonanilides and Ketene Dithioacetal Monoxides. Asian Journal of Organic Chemistry, 2020, 9, 1655-1659.	2.7	5
58	Tf₂O-mediated Reaction of Alkenyl Sulfoxides with Unprotected Anilines in Flow Microreactors. Chemistry Letters, 2020, 49, 160-163.	1.3	4
59	Cobaltâ€Catalyzed Reductive Coupling of Alkynes and Acrylates Bearing a Leaving Group: Construction of Cyclobutene Rings. Asian Journal of Organic Chemistry, 2018, 7, 2456-2458.	2.7	3
60	Baseâ€Free Palladiumâ€Catalyzed Hydrodechlorination of Aryl Chlorides with Pinacol Borane. ChemistrySelect, 2017, 2, 1723-1727.	1.5	2
61	Copperâ€Catalyzed Ringâ€Opening Silylation of Benzofurans with Disilane. Angewandte Chemie, 2018, 130, 11196-11200.	2.0	1
62	Catalytic Carbonyl-Olefin Metathesis Reaction. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 62-63.	0.1	0
63	Construction of Biaryls from Aryl Sulfoxides and Anilines by Means of a Sigmatropic Rearrangement. Chemistry - A European Journal, 2020, 26, 758-758.	3.3	0