Nobuaki Kambe

List of Publications by Year
in descending order

85	2,182	236925 25	254184 43
papers	citations	h-index	g-index

87	87	87	1881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bio-inspired asymmetric aldehyde arylations catalyzed by rhodium-cyclodextrin self-inclusion complexes. Organic and Biomolecular Chemistry, 2022, 20, 801-807.	2.8	2
2	Cu-Catalyzed Dual Câ€“O Bonds Cleavage of Cyclic Ethers with Carboxylic Acids, NaI, and TMSCF₃ to Give Iodoalkyl Ester. Organic Letters, 2022, 24, 2826-2831.	4.6	6
3	A pH-Dependent rhodamine fluorophore with antiproliferative activity of bladder cancer inÂVitro/Vivo and apoptosis mechanism. European Journal of Medicinal Chemistry, 2022, 236, 114293.	5.5	4
4	Cu(I)-Catalyzed Câ€“H Alkenylation of Tertiary C(sp³)â€“H Bonds of 3-Aryl Benzofuran-2(3H)-ones to Give Z- and E-Styrene Containing Quaternary Carbon Centers with 99/1 Regioselectivity. Journal of Organic Chemistry, 2022, 87, 6064-6074.	3.2	4
5	One-pot synthesis of phosphorylnaphth[2,1-d]oxazoles and products as P,N-ligands in Câ€“N and Câ€“C formation. Organic and Biomolecular Chemistry, 2022, 20, 4110-4114.	2.8	1
6	FeO(OH)@Câ€Catalyzed Selective Hydrazine Substitution of p â€Nitroâ€Aryl Fluorides and their Application for the Synthesis of Phthalazinones. ChemistryOpen, 2022, 11, e202200023.	1.9	3
7	CF₃SO₂Na-Mediated Five-Component Carbonylation of Triarylboroxines with TMSCF₃ and THF/LiOH/NaI to Give Aroyloxyalkyl Iodides. Journal of Organic Chemistry, 2022, 87, 9635-9644.	3.2	2
8	Copper-Catalyzed Regioselective Olefination and Trifluoromethylation of Carboxylic Acids To Give (Z)-Trifluoromethyl Enol Esters. Organic Letters, 2022, 24, 5197-5202.	4.6	4
9	Nickelâ€•and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie, 2021, 133, 3141-3151.	2.0	2
10	Nickelâ€•and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie - International Edition, 2021, 60, 3104-3114.	13.8	14
11	Nickel-Catalyzed N,N-Diarylation of 8-Aminoquinoline with Large Steric Aryl Bromides and Fluorescence of Products. Organic Letters, 2021, 23, 2514-2520.	4.6	8
12	UV-Light-Induced N-Acylation of Amines with Î±-Diketones. Organic Letters, 2021, 23, 5329-5333.	4.6	10
13	Pd-Catalyzed Cross-Coupling of Organostibines with Styrenes to Give Unsymmetric (E)-Stilbenes and (1E,3E)-1,4-Diarylbuta-1,3-dienes and Fluorescence Properties of the Products. Organic Letters, 2021, 23, 5317-5322.	4.6	14
14	Photo-Induced Nâ€“N Coupling of o-Nitrobenzyl Alcohols and Indolines To Give N-Aryl-1-amino Indoles. Organic Letters, 2021, 23, 6417-6422.	4.6	5
15	Copper-Catalyzed Amination of C(sp³)â€“H bonds: From Anilides to Indolines. Journal of Organic Chemistry, 2020, 85, 482-492.	3.2	11
16	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. Organometallics, 2020, 39, 3077-3081.	2.3	4
17	Synthesis of Triarylmethanes by Decarbonylation of 3,3-Diaryl Benzofuranones. Journal of Organic Chemistry, 2020, 85, 5300-5311.	3.2	13
18	Effect of Alkyl Groups in Pyrene Chromophore on the Mechanical Response of Pyreneâ€Octafluoronaphthalene Coâ€Crystals. Chemistry - an Asian Journal, 2020, 15, 1349-1354.	3.3	6

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19	Molecular Packing and Solidâ€State Photophysical Properties of 1,3,6,8â€Tetraalkylpyrenes. Chemistry - A European Journal, 2019, 25, 14817-14825.	3.3	17
20	Nickel-Catalyzed Remote C4â€“H Arylation of 8-Aminoquinolines. Organic Letters, 2019, 21, 6785-6789.	4.6	18
21	Structure of the Complex Ni(C₈H₁₂)(L) and Its Reactivity toward Organometallic Reagents. Organometallics, 2019, 38, 2701-2704.	2.3	5
22	Cu-Catalyzed Cross-Dehydrogenative Coupling of Heteroaryl C(sp²)â€“H and Tertiary C(sp³)â€“H Bonds for the Construction of All-Carbon Triaryl Quaternary Centers. Organic Letters, 2019, 21, 5152-5156.	4.6	35
23	Photocatalystâ€free Synthesis of Indazolones under CO₂ Atmosphere. Chemistry - an Asian Journal, 2019, 14, 1436-1442.	3.3	12
24	Carbonâ€“Carbon Bond Formation of Trifluoroacetyl Amides with Grignard Reagents via C(O)â€“CF3 Bond Cleavage. Journal of Organic Chemistry, 2019, 84, 5635-5644.	3.2	14
25	Nickel-catalyzed coupling reaction of alkyl halides with aryl Grignard reagents in the presence of 1,3-butadiene: mechanistic studies of four-component coupling and competing cross-coupling reactions. Chemical Science, 2018, 9, 2195-2211.	7.4	45
26	Alkyl Sulfides as Promising Sulfur Sources: Metalâ€Free Synthesis of Aryl Alkyl Sulfides and Dialkyl Sulfides by Transalkylation of Simple Sulfides with Alkyl Halides. Chemistry - an Asian Journal, 2018, 13, 3833-3837.	3.3	6
27	Synthesis of Cyclopropane Fatty Acids by C(sp³)â^'C(sp³) Crossâ€Coupling Reaction and Formal Synthesis of Î±â€Mycolic Acid. Advanced Synthesis and Catalysis, 2018, 360, 3810-3817.	4.3	4
28	Ni-Catalyzed Dimerization and Hydroperfluoroarylation of 1,3-Dienes. Journal of Organic Chemistry, 2018, 83, 9267-9277.	3.2	22
29	Intramolecular, Site-Selective, Iodine-Mediated, Amination of Unactivated (sp³)Câ€“H Bonds for the Synthesis of Indoline Derivatives. Organic Letters, 2017, 19, 2793-2796.	4.6	37
30	Co-Catalyzed Cross-Coupling Reaction of Alkyl Fluorides with Alkyl Grignard Reagents. Organic Letters, 2017, 19, 3691-3694.	4.6	32
31	Nickelâ€Catalyzed Dimerization and Alkylarylation of 1,3â€Dienes with Alkyl Fluorides and Aryl Grignard Reagents. Angewandte Chemie - International Edition, 2016, 55, 5550-5554.	13.8	45
32	Ni-Catalyzed Câ€“C Couplings Using Alkyl Electrophiles. Topics in Current Chemistry, 2016, 374, 66.	5.8	83
33	Multicomponent Coupling Reaction of Perfluoroarenes with 1,3-Butadiene and Aryl Grignard Reagents Promoted by an Anionic Ni(II) Complex. Organic Letters, 2016, 18, 4868-4871.	4.6	38
34	Feâ€Catalyzed Crossâ€Coupling Reaction of Vinylic Ethers with Aryl Grignard Reagents. Chemistry - an Asian Journal, 2016, 11, 2834-2837.	3.3	38
35	Regioselective phosphorylation of myo-inositol with BINOL-derived phosphoramidites and its application for protozoan lysophosphatidylinositol. Organic and Biomolecular Chemistry, 2016, 14, 6672-6675.	2.8	27
36	Palladium-catalyzed Insertion Reactions of Isocyanides into Thiocarbamates and Selenocarbamates. Chemistry Letters, 2015, 44, 465-467.	1.3	9

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37	Copperâ€Catalyzed Regioselective Hydroalkylation of 1,3â€Dienes with Alkyl Fluorides and Grignard Reagents. Angewandte Chemie - International Edition, 2015, 54, 9347-9350.	13.8	45
38	Copper-mediated thiolation of carbazole derivatives and related N-heterocycle compounds. RSC Advances, 2015, 5, 39358-39365.	3.6	52
39	The Palladium-Catalyzed Intermolecular Câ€“H Chalcogenation of Arenes. Journal of Organic Chemistry, 2015, 80, 367-374.	3.2	112
40	Palladiumâ€Catalyzed Decarbonylative Rearrangement of Nâ€Allenyl Selenoâ€and Tellurocarbamates. Heteroatom Chemistry, 2014, 25, 518-524.	0.7	4
41	The Cobalt-Catalyzed Cross-Coupling Reaction of Alkyl Halides with Alkyl Grignard Reagents: A New Route to Constructing Quaternary Carbon CentersÂ. Synthesis, 2014, 46, 1583-1592.	2.3	27
42	Ïƒ-Bond Metathesis between Mâ€“X and RC(O)Xâ€² (M = Pt, Pd; X, Xâ€² = Cl, Br, I): Facile Determination of the Relative Î”G Values of the Oxidative Additions of RC(O)X to an M(0) Complex, Evidence by Density Functional Theory Calculations, and Synthetic Applications. Organometallics, 2013, 32, 2026-2032.	2.3	8
43	Facile Method of Halogen Exchange between Au(Cl)(L) and MeC(O)X (L = PPh3 and) Tj ETQq1 1 0.784314 rgBT /O 831-832.	1.3	3
44	Silver-Catalyzed Regioselective Carbomagnesiation of Alkynes with Alkyl Halides and Grignard Reagents. Organic Letters, 2011, 13, 4656-4659.	4.6	30
45	Transition Metal Catalyzed Alkylation at sp3-, sp2-, and sp-Carbons. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1271-1281.	0.1	4
46	Pd-catalyzed cross-coupling reactions of alkyl halides. Chemical Society Reviews, 2011, 40, 4937.	38.1	393
47	Synthesis of Highly Insulated Molecular Wires by Polymerization of Organicâ€Soluble Symmetrical Linked Inclusion Complex Monomers. Macromolecular Symposia, 2010, 297, 54-60.	0.7	7
48	Regioselectivity of Selenium-Mediated Carbonylation of Organolithium Compounds with Carbon Monoxide. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1117-1123.	1.6	0
49	Transition-metal-catalyzed cleavage of carbonâ€“selenium bond and addition to alkynes and allenes. Pure and Applied Chemistry, 2010, 82, 565-575.	1.9	26
50	Palladiumâ€Catalyzed Intramolecular Selenocarbamoylation of Allenes with Carbamoselenoates: A New Entry to Î±,Î²â€Unsaturated Lactams. European Journal of Organic Chemistry, 2009, 2009, 3141-3144.	2.4	14
51	Synthesis of thiol esters by the use of carbonyl sulfide as a thiocarboxylation agent. Journal of Sulfur Chemistry, 2009, 30, 264-269.	2.0	1
52	Organometallics Using Organosulfur Compounds: Exchange of Information between Catalytic and Stoichiometric Reactions. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2009, 67, 701-713.	0.1	17
53	Carbon-carbon bond-forming reactions using alkyl fluorides. Pure and Applied Chemistry, 2008, 80, 941-951.	1.9	32
54	Generation of Carbamoyl- and Thiocarbamoyllithium Synthons Having a Hydrogen(s) or an Aryl Group on the Nitrogen and Their Trapping with Carbonyl Electrophiles. Journal of the American Chemical Society, 2006, 128, 12650-12651.	13.7	27

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55	Carbonylation of Lithium Enolates of Esters and Amides with Carbon Monoxide and Selenium. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1001-1005.	1.6	6
56	Cross-Coupling Reactions. , 2005, , 127-153.		0
57	Nickel-Catalyzed Regioselective Three Component Coupling Reaction of Alkyl Halides, Butadienes, and Ar-M (M=MgX, ZnX). Advanced Synthesis and Catalysis, 2004, 346, 905-908.	4.3	63
58	Novel Nickel-Catalyzed Coupling Reaction of Allyl Ethers with Chlorosilanes, Alkyl Tosylates, or Alkyl Halides Promoted by Vinyl-Grignard Reagent Leading to Allylsilanes or Alkenes. Advanced Synthesis and Catalysis, 2004, 346, 1674-1678.	4.3	26
59	Formation of 1,4-Disilyl-2-butenes from Vinyl Grignard Reagent and Chlorosilanes Catalyzed by a Titanocene Complex. Organic Letters, 2001, 3, 1733-1735.	4.6	31
60	Imidoylation of Acidic Hydrocarbons with Selenium and Isocyanides:Â A New Synthetic Method for Preparation of Selenoimidates. Journal of Organic Chemistry, 2000, 65, 5022-5025.	3.2	21
61	Zirconocene-Catalyzed Silylation of Alkenes with Chlorosilanes. Angewandte Chemie - International Edition, 1998, 37, 2653-2656.	13.8	60
62	Regioselective Double Alkylation of Styrenes with Alkyl Halides Using a Titanocene Catalyst. Journal of the American Chemical Society, 1998, 120, 11822-11823.	13.7	90
63	Intramolecular Homolytic Substitution Behavior of Acyl Radicals at Sulfur:Â New Carbonylative Access to Î³-Thiolactones. Journal of Organic Chemistry, 1997, 62, 7550-7551.	3.2	49
64	Relative rates, relative activation parameters and substituent effects of lithium-metalloid exchange reactions. Journal of Physical Organic Chemistry, 1996, 9, 29-34.	1.9	6
65	Theoretical study on structures and internal rotations of methylN,N-dimethylcarbamate and its sulphur, selenium, and tellurium homologues (Me2NC(O)YMe, Y = O,S,Se, Te). Journal of Physical Organic Chemistry, 1996, 9, 179-186.	1.9	13
66	A new reduction system by the combination of lanthanoid metals (Ln) and LnI2: Deoxygenative coupling of amides tovic-diaminoalkenes. Applied Organometallic Chemistry, 1995, 9, 461-466.	3.5	44
67	Selective formation of trichloro(2-oxoalkyl)telluriums and dichlorobis(2-oxoalkyl)telluriums from tellurium tetrachloride and enol silyl ethers. Heteroatom Chemistry, 1993, 4, 229-234.	0.7	1
68	Synthesis of Te-alkyl carbamotelluroates from tellurium, carbon monoxide, amines, and alkyl halides. Heteroatom Chemistry, 1993, 4, 471-474.	0.7	11
69	Carbotelluration of Phenylacetylene. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 67, 243-246.	1.6	19
70	Î²-Lithio Ketone Enolates: Generation and Reactions with Electrophiles. Angewandte Chemie International Edition in English, 1991, 30, 177-179.	4.4	22
71	Carbamoyllithiums. A Novel Method for Generation by Lithium-Tellurium Exchange Reaction. Synthetic Communications, 1990, 20, 703-711.	2.1	38
72	Selenium-Catalyzed Synthesis ofS-Alkyl Thiocarbamates from Amines, Carbon Monoxide, Sulfur, and Alkyl Halides. Angewandte Chemie International Edition in English, 1989, 28, 452-453.	4.4	28

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73	A mechanistic study of the selenium-catalysed carbonylation of secondary amines with carbon monoxide. Journal of Physical Organic Chemistry, 1989, 2, 359-362.	1.9	14
74	A novel oxygen induced reduction of ?, ?-unsaturated carbonyl compounds by benzeneselenol. Journal of Physical Organic Chemistry, 1988, 1, 115-117.	1.9	17
75	Oxygen induced reduction: Reaction of benzeneselenol with aromatic aldehydes in the presence of oxygen. Journal of Physical Organic Chemistry, 1988, 1, 119-121.	1.9	10
76	A NEW SYNTHESIS OF HETEROCYCLES VIA CARBONYLATION OF AMINES WITH CARBON MONOXIDE IN THE PRESENCE OF SELENIUM. Phosphorous and Sulfur and the Related Elements, 1988, 38, 137-148.	0.2	11
77	CATALYTIC OXIDATION OF OLEFINS USING DIPHENYL DITELLURIDE. Phosphorous and Sulfur and the Related Elements, 1988, 38, 167-175.	0.2	9
78	Lithium-Tellurium Exchange: A New Entry to Organolithium Compounds. Angewandte Chemie International Edition in English, 1987, 26, 1187-1188.	4.4	118
79	Carbon Monoxide/Water as a Reducing Agent: Formation of Selane from Selenium. Angewandte Chemie International Edition in English, 1980, 19, 308-309.	4.4	23
80	Water Gas Shift Reaction with the Aid of Selenium/Platinum Catalyst. Angewandte Chemie International Edition in English, 1980, 19, 1007-1007.	4.4	3
81	Photoreduction of Ketones and Aldehydes to Alcohols with Hydrogen Selenide. Angewandte Chemie International Edition in English, 1980, 19, 1008-1009.	4.4	18
82	Reduction of Carbonyl Compounds by Aluminum Telluride and H2O or D2O. Angewandte Chemie International Edition in English, 1980, 19, 1009-1009.	4.4	0
83	Reduction of Aromatic Nitro, Nitroso, Hydroxylamino, Azo, and Azoxy Compounds with Hydrogen Telluride from Aluminum Telluride and Water. Angewandte Chemie International Edition in English, 1980, 19, 1009-1010.	4.4	2
84	Tellurium-Catalyzed Reaction of Amines with Carbon Monoxide. Angewandte Chemie International Edition in English, 1979, 18, 547-548.	4.4	3
85	Mechanistic Insight into Rh-Catalyzed C(sp²)â€“O Bond Cleavage Applied to Cross-Coupling Reaction of Benzofurans with Aryl Grignard Reagents. ACS Catalysis, 0, , 7936-7949.	11.2	2