

Nobuaki Kambe

List of Publications by Year in descending order

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times ranked

1881
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-catalyzed cross-coupling reactions of alkyl halides. <i>Chemical Society Reviews</i> , 2011, 40, 4937.	18.7	393
2	Lithium-Tellurium Exchange: A New Entry to Organolithium Compounds. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1187-1188.	4.4	118
3	The Palladium-Catalyzed Intermolecular C-H Chalcogenation of Arenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 367-374.	1.7	112
4	Regioselective Double Alkylation of Styrenes with Alkyl Halides Using a Titanocene Catalyst. <i>Journal of the American Chemical Society</i> , 1998, 120, 11822-11823.	6.6	90
5	Ni-Catalyzed C-C Couplings Using Alkyl Electrophiles. <i>Topics in Current Chemistry</i> , 2016, 374, 66.	3.0	83
6	Nickel-Catalyzed Regioselective Three Component Coupling Reaction of Alkyl Halides, Butadienes, and Ar-M (M=MgX, ZnX). <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 905-908.	2.1	63
7	Zirconocene-Catalyzed Silylation of Alkenes with Chlorosilanes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2653-2656.	7.2	60
8	Copper-mediated thiolation of carbazole derivatives and related N-heterocycle compounds. <i>RSC Advances</i> , 2015, 5, 39358-39365.	1.7	52
9	Intramolecular Homolytic Substitution Behavior of Acyl Radicals at Sulfur: A New Carbonylative Access to β -Thiolactones. <i>Journal of Organic Chemistry</i> , 1997, 62, 7550-7551.	1.7	49
10	Copper-Catalyzed Regioselective Hydroalkylation of 1,3-Dienes with Alkyl Fluorides and Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9347-9350.	7.2	45
11	Nickel-Catalyzed Dimerization and Alkylarylation of 1,3-Dienes with Alkyl Fluorides and Aryl Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5550-5554.	7.2	45
12	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. <i>Chemical Science</i> , 2018, 9, 2195-2211.	3.7	45
13	A new reduction system by the combination of lanthanoid metals (Ln) and LnI ₂ : Deoxygenative coupling of amides to vic-diaminoalkenes. <i>Applied Organometallic Chemistry</i> , 1995, 9, 461-466.	1.7	44
14	Carbamoyllithiums. A Novel Method for Generation by Lithium-Tellurium Exchange Reaction. <i>Synthetic Communications</i> , 1990, 20, 703-711.	1.1	38
15	Multicomponent Coupling Reaction of Perfluoroarenes with 1,3-Butadiene and Aryl Grignard Reagents Promoted by an Anionic Ni(II) Complex. <i>Organic Letters</i> , 2016, 18, 4868-4871.	2.4	38
16	Fe-Catalyzed Cross-Coupling Reaction of Vinylic Ethers with Aryl Grignard Reagents. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2834-2837.	1.7	38
17	Intramolecular, Site-Selective, Iodine-Mediated, Amination of Unactivated C ³ -H Bonds for the Synthesis of Indoline Derivatives. <i>Organic Letters</i> , 2017, 19, 2793-2796.	2.4	37
18	Cu-Catalyzed Cross-Dehydrogenative Coupling of Heteroaryl C ² -H and Tertiary C ³ -H Bonds for the Construction of All-Carbon Triaryl Quaternary Centers. <i>Organic Letters</i> , 2019, 21, 5152-5156.	2.4	35

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19	Carbon-carbon bond-forming reactions using alkyl fluorides. <i>Pure and Applied Chemistry</i> , 2008, 80, 941-951.	0.9	32
20	Co-Catalyzed Cross-Coupling Reaction of Alkyl Fluorides with Alkyl Grignard Reagents. <i>Organic Letters</i> , 2017, 19, 3691-3694.	2.4	32
21	Formation of 1,4-Disilyl-2-butenes from Vinyl Grignard Reagent and Chlorosilanes Catalyzed by a Titanocene Complex. <i>Organic Letters</i> , 2001, 3, 1733-1735.	2.4	31
22	Silver-Catalyzed Regioselective Carbomagnesiation of Alkynes with Alkyl Halides and Grignard Reagents. <i>Organic Letters</i> , 2011, 13, 4656-4659.	2.4	30
23	Selenium-Catalyzed Synthesis of S-Alkyl Thiocarbamates from Amines, Carbon Monoxide, Sulfur, and Alkyl Halides. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 452-453.	4.4	28
24	Generation of Carbamoyl- and Thiocarbamoyllithium Synthons Having a Hydrogen(s) or an Aryl Group on the Nitrogen and Their Trapping with Carbonyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2006, 128, 12650-12651.	6.6	27
25	The Cobalt-Catalyzed Cross-Coupling Reaction of Alkyl Halides with Alkyl Grignard Reagents: A New Route to Constructing Quaternary Carbon Centers. <i>Synthesis</i> , 2014, 46, 1583-1592.	1.2	27
26	Regioselective phosphorylation of myo-inositol with BINOL-derived phosphoramidites and its application for protozoan lysophosphatidylinositol. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6672-6675.	1.5	27
27	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. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1674-1678.	2.1	26
28	Transition-metal-catalyzed cleavage of carbon-selenium bond and addition to alkynes and allenes. <i>Pure and Applied Chemistry</i> , 2010, 82, 565-575.	0.9	26
29	Carbon Monoxide/Water as a Reducing Agent: Formation of Selane from Selenium. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 308-309.	4.4	23
30	β -Lithio Ketone Enolates: Generation and Reactions with Electrophiles. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 177-179.	4.4	22
31	Ni-Catalyzed Dimerization and Hydroperfluoroarylation of 1,3-Dienes. <i>Journal of Organic Chemistry</i> , 2018, 83, 9267-9277.	1.7	22
32	Imidoylation of Acidic Hydrocarbons with Selenium and Isocyanides: A New Synthetic Method for Preparation of Selenoimidates. <i>Journal of Organic Chemistry</i> , 2000, 65, 5022-5025.	1.7	21
33	Carbotelluration of Phenylacetylene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 67, 243-246.	0.8	19
34	Photoreduction of Ketones and Aldehydes to Alcohols with Hydrogen Selenide. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 1008-1009.	4.4	18
35	Nickel-Catalyzed Remote C-H Arylation of 8-Aminoquinolines. <i>Organic Letters</i> , 2019, 21, 6785-6789.	2.4	18
36	A novel oxygen induced reduction of α,β -unsaturated carbonyl compounds by benzeneselenol. <i>Journal of Physical Organic Chemistry</i> , 1988, 1, 115-117.	0.9	17

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37	Molecular Packing and Solid-State Photophysical Properties of 1,3,6,8-Tetraalkylpyrenes. <i>Chemistry - A European Journal</i> , 2019, 25, 14817-14825.	1.7	17
38	Organometallics Using Organosulfur Compounds: Exchange of Information between Catalytic and Stoichiometric Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2009, 67, 701-713.	0.0	17
39	A mechanistic study of the selenium-catalysed carbonylation of secondary amines with carbon monoxide. <i>Journal of Physical Organic Chemistry</i> , 1989, 2, 359-362.	0.9	14
40	Palladium-Catalyzed Intramolecular Selenocarbonylation of Allenes with Carbamoselenoates: A New Entry to β,γ -Unsaturated Lactams. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3141-3144.	1.2	14
41	Carbon-Carbon Bond Formation of Trifluoroacetyl Amides with Grignard Reagents via C(O)-CF ₃ Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2019, 84, 5635-5644.	1.7	14
42	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3104-3114.	7.2	14
43	Pd-Catalyzed Cross-Coupling of Organostibines with Styrenes to Give Unsymmetric (<i>E</i>)-Stilbenes and (<i>E</i>)-1,3-Diarylbuta-1,3-dienes and Fluorescence Properties of the Products. <i>Organic Letters</i> , 2021, 23, 5317-5322.	2.4	14
44	Theoretical study on structures and internal rotations of methylN,N-dimethylcarbamate and its sulphur, selenium, and tellurium homologues (Me ₂ NC(O)YMe, Y = O,S,Se, Te). <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 179-186.	0.9	13
45	Synthesis of Triarylmethanes by Decarbonylation of 3,3-Diaryl Benzofuranones. <i>Journal of Organic Chemistry</i> , 2020, 85, 5300-5311.	1.7	13
46	Photocatalyst-free Synthesis of Indazolones under CO ₂ Atmosphere. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1436-1442.	1.7	12
47	A NEW SYNTHESIS OF HETEROCYCLES VIA CARBOXYLATION OF AMINES WITH CARBON MONOXIDE IN THE PRESENCE OF SELENIUM. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988, 38, 137-148.	0.2	11
48	Synthesis of Te-alkyl carbamotelluroates from tellurium, carbon monoxide, amines, and alkyl halides. <i>Heteroatom Chemistry</i> , 1993, 4, 471-474.	0.4	11
49	Copper-Catalyzed Amination of C(sp ³)-H bonds: From Anilides to Indolines. <i>Journal of Organic Chemistry</i> , 2020, 85, 482-492.	1.7	11
50	Oxygen induced reduction: Reaction of benzeneselenol with aromatic aldehydes in the presence of oxygen. <i>Journal of Physical Organic Chemistry</i> , 1988, 1, 119-121.	0.9	10
51	UV-Light-Induced N-Acylation of Amines with β,γ -Diketones. <i>Organic Letters</i> , 2021, 23, 5329-5333.	2.4	10
52	CATALYTIC OXIDATION OF OLEFINS USING DIPHENYL DITELLURIDE. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988, 38, 167-175.	0.2	9
53	Palladium-catalyzed Insertion Reactions of Isocyanides into Thiocarbamates and Selenocarbamates. <i>Chemistry Letters</i> , 2015, 44, 465-467.	0.7	9
54	σ -Bond Metathesis between M-X and RC(O)X ₂ (M = Pt, Pd; X, X ₂ = Cl, Br, I): Facile Determination of the Relative σ Values of the Oxidative Additions of RC(O)X to an M(0) Complex, Evidence by Density Functional Theory Calculations, and Synthetic Applications. <i>Organometallics</i> , 2013, 32, 2026-2032.	1.1	8

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55	Nickel-Catalyzed N,N-Diarylation of 8-Aminoquinoline with Large Steric Aryl Bromides and Fluorescence of Products. <i>Organic Letters</i> , 2021, 23, 2514-2520.	2.4	8
56	Synthesis of Highly Insulated Molecular Wires by Polymerization of Organic-Soluble Symmetrical Linked Inclusion Complex Monomers. <i>Macromolecular Symposia</i> , 2010, 297, 54-60.	0.4	7
57	Relative rates, relative activation parameters and substituent effects of lithium-metalloid exchange reactions. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 29-34.	0.9	6
58	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.	0.8	6
59	Alkyl Sulfides as Promising Sulfur Sources: Metal-Free Synthesis of Aryl Alkyl Sulfides and Dialkyl Sulfides by Transalkylation of Simple Sulfides with Alkyl Halides. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3833-3837.	1.7	6
60	Effect of Alkyl Groups in Pyrene Chromophore on the Mechanical Response of Pyrene-Octafluoronaphthalene Co-Crystals. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1349-1354.	1.7	6
61	Cu-Catalyzed Dual C=O Bonds Cleavage of Cyclic Ethers with Carboxylic Acids, NaI, and TMSCF ₃ to Give Iodoalkyl Ester. <i>Organic Letters</i> , 2022, 24, 2826-2831.	2.4	6
62	Structure of the Complex Ni(C ₈ H ₁₂)(L) and Its Reactivity toward Organometallic Reagents. <i>Organometallics</i> , 2019, 38, 2701-2704.	1.1	5
63	Photo-Induced N=N Coupling of <i>o</i> -Nitrobenzyl Alcohols and Indolines To Give <i>N</i> -Aryl-1-amino Indoles. <i>Organic Letters</i> , 2021, 23, 6417-6422.	2.4	5
64	Transition Metal Catalyzed Alkylation at sp ³ -, sp ² -, and sp-Carbons. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 1271-1281.	0.0	4
65	Palladium-Catalyzed Decarbonylative Rearrangement of <i>N</i> -Allenyl Seleno- and Tellurocarbamates. <i>Heteroatom Chemistry</i> , 2014, 25, 518-524.	0.4	4
66	Synthesis of Cyclopropane Fatty Acids by C(sp ³) ³ -C(sp ³) ³ Cross-Coupling Reaction and Formal Synthesis of <i>l</i> -Mycolic Acid. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3810-3817.	2.1	4
67	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. <i>Organometallics</i> , 2020, 39, 3077-3081.	1.1	4
68	A pH-Dependent rhodamine fluorophore with antiproliferative activity of bladder cancer in Vitro/Vivo and apoptosis mechanism. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114293.	2.6	4
69	Cu(I)-Catalyzed C-H Alkenylation of Tertiary C(sp ³) ³ -H Bonds of 3-Aryl Benzofuran-2(3H)-ones to Give <i>Z</i> - and <i>E</i> -Styrene Containing Quaternary Carbon Centers with 99/1 Regioselectivity. <i>Journal of Organic Chemistry</i> , 2022, 87, 6064-6074.	1.7	4
70	Copper-Catalyzed Regioselective Olefination and Trifluoromethylation of Carboxylic Acids To Give (<i>Z</i>)-Trifluoromethyl Enol Esters. <i>Organic Letters</i> , 2022, 24, 5197-5202.	2.4	4
71	Tellurium-Catalyzed Reaction of Amines with Carbon Monoxide. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 547-548.	4.4	3
72	Water Gas Shift Reaction with the Aid of Selenium/Platinum Catalyst. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 1007-1007.	4.4	3

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73	Facile Method of Halogen Exchange between Au(Cl)(PPh ₃) ₃ and MeC(O)X (X = PPh ₃ and) Tj ETQq1 1 0.784314 rgBT 0.7 3	0.7	3
74	FeO(OH)-Catalyzed Selective Hydrazine Substitution of p-Nitro-Aryl Fluorides and their Application for the Synthesis of Phthalazinones. ChemistryOpen, 2022, 11, e202200023.	0.9	3
75	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
76	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie, 2021, 133, 3141-3151.	1.6	2
77	Bio-inspired asymmetric aldehyde arylations catalyzed by rhodium-cyclodextrin self-inclusion complexes. Organic and Biomolecular Chemistry, 2022, 20, 801-807.	1.5	2
78	Mechanistic Insight into Rh-Catalyzed C(sp ²)=O Bond Cleavage Applied to Cross-Coupling Reaction of Benzofurans with Aryl Grignard Reagents. ACS Catalysis, 0, , 7936-7949.	5.5	2
79	CF ₃ SO ₂ Na-Mediated Five-Component Carbonylation of Triarylboroxines with TMSCF ₃ and THF/LiOH/NaI to Give Aryloxyalkyl Iodides. Journal of Organic Chemistry, 2022, 87, 9635-9644.	1.7	2
80	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.	0.4	1
81	Synthesis of thiol esters by the use of carbonyl sulfide as a thiocarboxylation agent. Journal of Sulfur Chemistry, 2009, 30, 264-269.	1.0	1
82	One-pot synthesis of phosphorylnaphth[2,1-d]oxazoles and products as P,N-ligands in C=N and C=C formation. Organic and Biomolecular Chemistry, 2022, 20, 4110-4114.	1.5	1
83	Reduction of Carbonyl Compounds by Aluminum Telluride and H ₂ O or D ₂ O. Angewandte Chemie International Edition in English, 1980, 19, 1009-1009.	4.4	0
84	Cross-Coupling Reactions. , 2005, , 127-153.		0
85	Regioselectivity of Selenium-Mediated Carbonylation of Organolithium Compounds with Carbon Monoxide. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1117-1123.	0.8	0