

Nobuaki Kambe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

1,665
citations

23
h-index

38
g-index

87
ext. papers

1,957
ext. citations

5.6
avg, IF

4.72
L-index

#	Paper	IF	Citations
81	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	6.8	0
80	FeO(OH)@C-Catalyzed Selective Hydrazine Substitution of p-Nitro-Aryl Fluorides and their Application for the Synthesis of Phthalazinones.. <i>ChemistryOpen</i> , 2022 , 11, e202200023	2.3	0
79	Bio-inspired asymmetric aldehyde arylations catalyzed by rhodium-cyclodextrin self-inclusion complexes. <i>Organic and Biomolecular Chemistry</i> , 2021 ,	3.9	1
78	Nickel-Catalyzed γ -Diarylation of 8-Aminoquinoline with Large Steric Aryl Bromides and Fluorescence of Products. <i>Organic Letters</i> , 2021 , 23, 2514-2520	6.2	4
77	UV-Light-Induced N-Acylation of Amines with β -Diketones. <i>Organic Letters</i> , 2021 , 23, 5329-5333	6.2	4
76	Pd-Catalyzed Cross-Coupling of Organostibines with Styrenes to Give Unsymmetric (β)-Stilbenes and (1,3)-1,4-Diarylbuta-1,3-dienes and Fluorescence Properties of the Products. <i>Organic Letters</i> , 2021 , 23, 5317-5322	6.2	2
75	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. <i>Angewandte Chemie</i> , 2021 , 133, 3141-3151	3.6	0
74	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3104-3114	16.4	7
73	Photo-Induced N-N Coupling of β -Nitrobenzyl Alcohols and Indolines To Give β -Aryl-1-amino Indoles. <i>Organic Letters</i> , 2021 , 23, 6417-6422	6.2	3
72	Synthesis of Triarylmethanes by Decarbonylation of 3,3-Diaryl Benzofuranones. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5300-5311	4.2	5
71	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	4.5	4
70	Copper-Catalyzed Amination of C(sp ³)-H bonds: From Anilides to Indolines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 482-492	4.2	5
69	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. <i>Organometallics</i> , 2020 , 39, 3077-3081	3.8	3
68	Cu-Catalyzed Cross-Dehydrogenative Coupling of Heteroaryl C(sp ³)-H and Tertiary C(sp ³)-H Bonds for the Construction of All-Carbon Triaryl Quaternary Centers. <i>Organic Letters</i> , 2019 , 21, 5152-5156	6.2	19
67	Photocatalyst-free Synthesis of Indazolones under CO Atmosphere. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1436-1442	4.5	6
66	Carbon-Carbon Bond Formation of Trifluoroacetyl Amides with Grignard Reagents via C(O)-CF Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2019 , 84, 5635-5644	4.2	10
65	Molecular Packing and Solid-State Photophysical Properties of 1,3,6,8-Tetraalkylpyrenes. <i>Chemistry - A European Journal</i> , 2019 , 25, 14817-14825	4.8	9

64	Nickel-Catalyzed Remote C4-H Arylation of 8-Aminoquinolines. <i>Organic Letters</i> , 2019 , 21, 6785-6789	6.2	11
63	Structure of the Complex Ni(C ₈ H ₁₂)(L) and Its Reactivity toward Organometallic Reagents. <i>Organometallics</i> , 2019 , 38, 2701-2704	3.8	3
62	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	9.4	31
61	Synthesis of Cyclopropane Fatty Acids by C(sp ³)–C(sp ³) Cross-Coupling Reaction and Formal Synthesis of Mycolic Acid. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3810-3817	5.6	2
60	Ni-Catalyzed Dimerization and Hydroperfluoroarylation of 1,3-Dienes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9267-9277	4.2	13
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	4.5	4
58	Intramolecular, Site-Selective, Iodine-Mediated, Amination of Unactivated (sp) ³ C-H Bonds for the Synthesis of Indoline Derivatives. <i>Organic Letters</i> , 2017 , 19, 2793-2796	6.2	32
57	Co-Catalyzed Cross-Coupling Reaction of Alkyl Fluorides with Alkyl Grignard Reagents. <i>Organic Letters</i> , 2017 , 19, 3691-3694	6.2	22
56	Regioselective phosphorylation of myo-inositol with BINOL-derived phosphoramidites and its application for protozoan lysophosphatidylinositol. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6672-6679	3.9	21
55	Nickel-Catalyzed Dimerization and Alkylarylation of 1,3-Dienes with Alkyl Fluorides and Aryl Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5550-4	16.4	34
54	Ni-Catalyzed C-C Couplings Using Alkyl Electrophiles. <i>Topics in Current Chemistry</i> , 2016 , 374, 66	7.2	67
53	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	6.2	30
52	Fe-Catalyzed Cross-Coupling Reaction of Vinylic Ethers with Aryl Grignard Reagents. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2834-2837	4.5	30
51	Copper-mediated thiolation of carbazole derivatives and related N-heterocycle compounds. <i>RSC Advances</i> , 2015 , 5, 39358-39365	3.7	39
50	The palladium-catalyzed intermolecular C-H chalcogenation of arenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 367-74	4.2	87
49	Palladium-catalyzed Insertion Reactions of Isocyanides into Thiocarbamates and Selenocarbamates. <i>Chemistry Letters</i> , 2015 , 44, 465-467	1.7	8
48	Copper-Catalyzed Regioselective Hydroalkylation of 1,3-Dienes with Alkyl Fluorides and Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9347-50	16.4	35
47	Palladium-Catalyzed Decarbonylative Rearrangement of N-Allenyl Seleno- and Tellurocarbamates. <i>Heteroatom Chemistry</i> , 2014 , 25, 518-524	1.2	2

46	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	2.9	22
45	EBond Metathesis between M \bar{X} and RC(O)X? (M = Pt, Pd; X, X? = Cl, Br, I): Facile Determination of the Relative \bar{E} 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	3.8	8
44	Facile Method of Halogen Exchange between Au(Cl)(L) and MeC(O)X (L = PPh ₃ and IPr; X = Br and I) via EBond Metathesis Supported by DFT Calculation. <i>Chemistry Letters</i> , 2013 , 42, 831-832	1.7	3
43	Transition Metal Catalyzed Alkylation at sp ³ -, sp ² -, and sp-Carbons. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2011 , 69, 1271-1281	0.2	3
42	Pd-catalyzed cross-coupling reactions of alkyl halides. <i>Chemical Society Reviews</i> , 2011 , 40, 4937-47	58.5	325
41	Silver-catalyzed regioselective carbomagnesiation of alkynes with alkyl halides and Grignard reagents. <i>Organic Letters</i> , 2011 , 13, 4656-9	6.2	23
40	Synthesis of Highly Insulated Molecular Wires by Polymerization of Organic-Soluble Symmetrical Linked Inclusion Complex Monomers. <i>Macromolecular Symposia</i> , 2010 , 297, 54-60	0.8	7
39	Regioselectivity of Selenium-Mediated Carbonylation of Organolithium Compounds with Carbon Monoxide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 1117-1123	1	
38	Transition-metal-catalyzed cleavage of carbon-selenium bond and addition to alkynes and allenes. <i>Pure and Applied Chemistry</i> , 2010 , 82, 565-575	2.1	23
37	Palladium-Catalyzed Intramolecular Selenocarbonylation of Allenes with Carbamoselenoates: A New Entry to \bar{H} Unsaturated Lactams. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3141-3144	3.2	12
36	Synthesis of thiol esters by the use of carbonyl sulfide as a thiocarboxylation agent. <i>Journal of Sulfur Chemistry</i> , 2009 , 30, 264-269	2.3	1
35	Organometallics Using Organosulfur Compounds: Exchange of Information between Catalytic and Stoichiometric Reactions. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2009 , 67, 701-713	0.2	16
34	Carbon-carbon bond-forming reactions using alkyl fluorides. <i>Pure and Applied Chemistry</i> , 2008 , 80, 941-951	1	28
33	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, 12650-1	16.4	17
32	Cross-Coupling Reactions 2005 , 127-153		
31	Carbonylation of Lithium Enolates of Esters and Amides with Carbon Monoxide and Selenium. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 1001-1005	1	5
30	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	5.6	57
29	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	5.6	24

28	Formation of 1,4-disilyl-2-butenes from vinyl grignard reagent and chlorosilanes catalyzed by a titanocene complex. <i>Organic Letters</i> , 2001 , 3, 1733-5	6.2	23
27	Imidoylation of acidic hydrocarbons with selenium and isocyanides: A new synthetic method for preparation of selenoimidates. <i>Journal of Organic Chemistry</i> , 2000 , 65, 5022-5	4.2	18
26	Zirconocen-katalysierte Silylierung von Alkenen mit Chlorsilanen. <i>Angewandte Chemie</i> , 1998 , 110, 2798-2801	3.0	11
25	Zirconocene-Catalyzed Silylation of Alkenes with Chlorosilanes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2653-2656	16.4	47
24	Regioselective Double Alkylation of Styrenes with Alkyl Halides Using a Titanocene Catalyst. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11822-11823	16.4	72
23	Intramolecular Homolytic Substitution Behavior of Acyl Radicals at Sulfur: New Carbonylative Access to β -Thiolactones. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7550-7551	4.2	36
22	Relative rates, relative activation parameters and substituent effects of lithium-metalloid exchange reactions. <i>Journal of Physical Organic Chemistry</i> , 1996 , 9, 29-34	2.1	6
21	Theoretical study on structures and internal rotations of methyl N,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	2.1	13
20	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	3.1	28
19	Selective formation of trichloro(2-oxoalkyl)telluriums and dichlorobis(2-oxoalkyl)telluriums from tellurium tetrachloride and enol silyl ethers. <i>Heteroatom Chemistry</i> , 1993 , 4, 229-234	1.2	0
18	Synthesis of Te-alkyl carbamotelluroates from tellurium, carbon monoxide, amines, and alkyl halides. <i>Heteroatom Chemistry</i> , 1993 , 4, 471-474	1.2	8
17	Carbotelluration of Phenylacetylene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 67, 243-246	1	15
16	β -Lithio Ketone Enolates: Generation and Reactions with Electrophiles. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 177-179		15
15	Carbamoyllithiums. A Novel Method for Generation by Lithium-Tellurium Exchange Reaction. <i>Synthetic Communications</i> , 1990 , 20, 703-711	1.7	27
14	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		23
13	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	2.1	12
12	A novel oxygen induced reduction of β -unsaturated carbonyl compounds by benzeneselenol. <i>Journal of Physical Organic Chemistry</i> , 1988 , 1, 115-117	2.1	15
11	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	2.1	9

10	A NEW SYNTHESIS OF HETEROCYCLES VIA CARBONYLATION OF AMINES WITH CARBON MONOXIDE IN THE PRESENCE OF SELENIUM. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 38, 137-148	10
9	CATALYTIC OXIDATION OF OLEFINS USING DIPHENYL DITELLURIDE. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 38, 167-175	8
8	Lithium-Tellurium Exchange: A New Entry to Organolithium Compounds. <i>Angewandte Chemie International Edition in English</i> , 1987 , 26, 1187-1188	97
7	Carbon Monoxide/Water as a Reducing Agent: Formation of Selane from Selenium. <i>Angewandte Chemie International Edition in English</i> , 1980 , 19, 308-309	18
6	Water Gas Shift Reaction with the Aid of Selenium/Platinum Catalyst. <i>Angewandte Chemie International Edition in English</i> , 1980 , 19, 1007-1007	1
5	Photoreduction of Ketones and Aldehydes to Alcohols with Hydrogen Selenide. <i>Angewandte Chemie International Edition in English</i> , 1980 , 19, 1008-1009	13
4	Reduction of Carbonyl Compounds by Aluminum Telluride and H ₂ O or D ₂ O. <i>Angewandte Chemie International Edition in English</i> , 1980 , 19, 1009-1009	
3	Reduction of Aromatic Nitro, Nitroso, Hydroxylamino, Azo, and Azoxy Compounds with Hydrogen Telluride from Aluminum Telluride and Water. <i>Angewandte Chemie International Edition in English</i> , 1980 , 19, 1009-1010	5
2	Tellurium-Catalyzed Reaction of Amines with Carbon Monoxide. <i>Angewandte Chemie International Edition in English</i> , 1979 , 18, 547-548	2
1	Tellur-katalysierte Reaktion von Aminen mit Kohlenmonoxid. <i>Angewandte Chemie</i> , 1979 , 91, 582-582	3.6 4