

Yasushi Nishihara

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photocatalytic Activities of Graphitic Carbon Nitride Powder for Water Reduction and Oxidation under Visible Light. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4940-4947.	3.1	690
2	Coupling Reactions of Alkynylsilanes Mediated by a Cu(I) Salt: Novel Syntheses of Conjugate Dienes and Disubstituted Ethynes. <i>Journal of Organic Chemistry</i> , 2000, 65, 1780-1787.	3.2	266
3	A New Transformation of Silanols. Palladium-Catalyzed Cross-Coupling with Organic Halides in the Presence of Silver(I) Oxide. <i>Organic Letters</i> , 1999, 1, 299-302.	4.6	173
4	Palladium-Catalyzed Cross-Coupling of Silanols, Silanediols, and Silanetriols Promoted by Silver(I) Oxide. <i>Journal of Organic Chemistry</i> , 2000, 65, 5342-5349.	3.2	171
5	Palladium-Catalyzed <i>peri</i> -Selective Chalcogenation of Naphthylamines with Diaryl Disulfides and Diselenides via C-H Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2014, 79, 11330-11338.	3.2	160
6	Palladium-Catalyzed Direct Thiolation of Aryl C-H Bonds with Disulfides. <i>Chemistry - A European Journal</i> , 2014, 20, 2459-2462.	3.3	153
7	Copper-Mediated Coupling of Zirconacyclopentadienes with Dihalo Aromatic Compounds. Formation of Fused Aromatic Rings. <i>Journal of the American Chemical Society</i> , 1996, 118, 5154-5155.	13.7	149
8	Non-Sonogashira-Type Palladium-Catalyzed Coupling Reactions of Terminal Alkynes Assisted by Silver(I) Oxide or Tetrabutylammonium Fluoride. <i>Organic Letters</i> , 2000, 2, 2935-2937.	4.6	136
9	Palladium-Catalyzed Cyanoesterification of Norbornenes with Cyanoformates via the NC-Pd-COOR (R) Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 11515-11518.	11.0	115
10	A novel C-C bond forming reaction of aryl- and alkenylsilanols. A halogen-free Mizoroki-Heck type reaction. <i>Tetrahedron Letters</i> , 1998, 39, 7893-7896.	1.4	106
11	Stereodivergent Syntheses of (Z)- and (E)-Alkenylsilanes via Hydrosilylation of Terminal Alkynes Catalyzed by Rhodium(I) Iodide Complexes and Application to Silicon-Containing Polymer Syntheses. <i>Organometallics</i> , 2004, 23, 1755-1765.	2.3	105
12	Chelate-Assisted Direct Selenation of Aryl C-H Bonds with Diselenides Catalyzed by Palladium. <i>Organic Letters</i> , 2014, 16, 4920-4923.	4.6	102
13	Zirconocene-Mediated Highly Regio- and Stereoselective Synthesis of Multisubstituted Olefins Starting from 1-Alkynylboronates. <i>Journal of the American Chemical Society</i> , 2007, 129, 12634-12635.	13.7	101
14	Synthesis, Structures, Dynamics, and Olefin Polymerization Behavior of Group 4 Metal (pyCpAr ₂ O) ₂ M(NR ₂) ₂ Complexes Containing Bidentate Pyridine-Alkoxide Ancillary Ligands. <i>Organometallics</i> , 1997, 16, 3314-3323.	2.3	83
15	Copper(I) salt promoted homo-coupling reaction of organosilanes. <i>Chemical Communications</i> , 1997, , 1039-1040.	4.1	83
16	Novel Carbon-Carbon Bond Formation through Mizoroki-Heck Type Reaction of Silanols and Organotin Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 1409-1417.	3.2	82
17	Iron-Catalyzed Oxidation of Tertiary Amines: Synthesis of α,β -1,3-Dicarbonyl Aldehydes by Three-Component C-C Couplings. <i>Organic Letters</i> , 2011, 13, 6272-6275.	4.6	82
18	Cu(I)/Pd(0)-Catalyzed Cross-Coupling Reaction of Alkynylsilanes with Aryl or Alkenyl Triflates: α -Silyl-Sonogashira-Hagihara Coupling. <i>Chemistry Letters</i> , 1997, 26, 1233-1234.	1.3	80

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19	Copper(I)-catalyzed cross-coupling reaction of alkynylsilanes with 1-chloroalkynes. <i>Tetrahedron Letters</i> , 1998, 39, 4075-4078.	1.4	78
20	Synthesis of Benzoisoselenazolone Derivatives by Nickel-Catalyzed Dehydrogenative Direct Selenation of C(sp ²)-H Bonds with Elemental Selenium in Air. <i>Organic Letters</i> , 2017, 19, 1092-1095.	4.6	77
21	Synthesis of Cobaltaborane Clusters from [Cp*CoCl] ₂ and Monoboranes. New Structures and Mechanistic Implications. <i>Organometallics</i> , 1994, 13, 4510-4522.	2.3	76
22	Regio- and Stereocontrolled Hydrosilylation Polyaddition Catalyzed by RhI(PPh ₃) ₃ . Syntheses of Polymers Containing (E)- or (Z)-Alkenylsilane Moieties. <i>Macromolecules</i> , 2000, 33, 1115-1116.	4.8	76
23	Iron-Induced Regio- and Stereoselective Addition of Sulfenyl Chlorides to Alkynes by a Radical Pathway. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13880-13884.	13.8	76
24	High Yield Synthesis and Characterization of Chromaboranes. Comparison of the Geometric, Electronic, and Chemical Properties of an Electronically Unsaturated (η^5 -C ₅ Me ₅) ₂ Cr ₂ B ₄ H ₈ Cluster with Its Saturated Derivative (η^5 -C ₅ Me ₅) ₂ Cr ₂ (CO) ₂ B ₄ H ₆ . <i>Journal of the American Chemical Society</i> , 1995, 117, 10292-10299.	13.7	70
25	Cyanoesterification of norbornenes catalyzed by palladium: facile synthetic methodology to introduce cyano and ester functionalities via direct carbon-carbon bond cleavage of cyanofornates. <i>Tetrahedron</i> , 2006, 62, 9872-9882.	1.9	68
26	Transistor Application of Phenacene Molecules and Their Characteristics. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3806-3819.	2.0	68
27	Oxidative Addition of 2-Haloalkene to Zirconocene. <i>Journal of the American Chemical Society</i> , 1995, 117, 11039-11040.	13.7	66
28	Convenient preparative method of $\hat{1},\hat{2}$ -disubstituted cyclopentenone by zirconium promoted intermolecular coupling of an alkyne, EtMgBr (or ethylene) and CO. <i>Tetrahedron</i> , 1997, 53, 9123-9134.	1.9	66
29	Conjugate reduction of $\hat{1},\hat{2}$ -unsaturated ketones with hydrosilane mediated by copper(I) salt. <i>Tetrahedron</i> , 1999, 55, 4573-4582.	1.9	63
30	Nickel-catalyzed decarbonylative borylation of aroyl fluorides. <i>Chemical Communications</i> , 2018, 54, 13969-13972.	4.1	63
31	Platinum Complex-Catalyzed Hydrosilylation and Isomerization of Methylene-cyclopropane Derivatives. Effect of Structures of the Substrate and Catalyst. <i>Journal of Organic Chemistry</i> , 2002, 67, 6889-6895.	3.2	62
32	RhCl(PPh ₃) ₃ /NaI Catalyst System for Hydrosilylation of 1-Alkynes: Stereodivergent Syntheses of E- and Z-Alkenylsilanes with Heteroatom Substituents on Silicon. <i>Chemistry Letters</i> , 1998, 27, 443-444.	1.3	61
33	Highly Regio- and Stereoselective Synthesis of Multi-alkylated Olefins through Carbozirconation of Alkynylboronates and Sequential Negishi and Suzuki-Miyaura Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8660-8664.	13.8	59
34	Palladium-Catalyzed Annulation of <i>o</i> -Iodobiphenyls with <i>o</i> -Bromobenzyl Alcohols: Synthesis of Functionalized Triphenylenes via C-C and C-H Bond Cleavages. <i>Organic Letters</i> , 2013, 15, 5326-5329.	4.6	59
35	Synthesis of Multisubstituted Triphenylenes and Phenanthrenes by Cascade Reaction of <i>o</i> -Iodobiphenyls or <i>o</i> -Halostyrenes with <i>o</i> -Bromobenzyl Alcohols through Two Sequential C-C Bond Formations Catalyzed by a Palladium Complex. <i>Journal of Organic Chemistry</i> , 2015, 80, 9247-9263.	3.2	59
36	Homo-Coupling Reactions of Alkenyl- and Arylfluorosilanes Mediated by a Copper(I) Salt. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 985-990.	3.2	58

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37	Nickel-Catalyzed Decarbonylative Alkylation of Aryl Fluorides Assisted by Lewis-Acidic Organoboranes. <i>ACS Omega</i> , 2018, 3, 13129-13140.	3.5	57
38	Palladium-catalysed direct thiolation and selenation of aryl C-H bonds assisted by directing groups. <i>Dalton Transactions</i> , 2016, 45, 15278-15284.	3.3	56
39	Synthesis and structural characterization of the first unsymmetrical diarylpalladium complex trans-Pd(C6F5)(2,4,6-C6F3H2)(PEt3)2, derived from transmetalation between 2,4,6-trifluorophenylboronic acid and trans-Pd(C6F5)I(PEt3)2. <i>Chemical Communications</i> , 2004, , 192.	4.1	55
40	Diborylation of Alkynyl MIDA Boronates and Sequential Chemoselective Suzuki-Miyaura Couplings: A Formal Carboborylation of Alkynes. <i>Organic Letters</i> , 2014, 16, 440-443.	4.6	55
41	Comparative Reactivity of Exo- and Endo-Isomers in the Ru-Initiated Ring-Opening Metathesis Polymerization of Doubly Functionalized Norbornenes with Both Cyano and Ester Groups. <i>Macromolecules</i> , 2006, 39, 7458-7460.	4.8	51
42	Synthesis of Multisubstituted Olefins through Regio- and Stereoselective Silylborylation of an Alkynylboronate/Chemoselective Cross-Coupling Sequences. <i>Organic Letters</i> , 2013, 15, 3294-3297.	4.6	51
43	Palladium-Catalyzed Regio- and Stereoselective Chlorothiolation of Terminal Alkynes with Sulfenyl Chlorides. <i>Chemistry - an Asian Journal</i> , 2014, 9, 58-62.	3.3	51
44	Palladium/copper-catalyzed sila-Sonogashira reactions of aryl iodides with alkynylsilanes via a direct C-Si bond activation. <i>Tetrahedron Letters</i> , 2009, 50, 4643-4646.	1.4	50
45	Selective Synthesis of Multisubstituted Olefins Utilizing <i>gem</i> - and <i>vic</i> -Diborylated Vinylsilanes Prepared by Silylborylation of an Alkynylboronate and Diborylation of Alkynylsilanes. <i>Journal of Organic Chemistry</i> , 2014, 79, 285-295.	3.2	48
46	Copper(I) salt mediated 1,4-reduction of α,β -unsaturated ketones using hydrosilanes. <i>Chemical Communications</i> , 1997, , 2159-2160.	4.1	47
47	A Coupling Reaction of Aryltributyltin with Olefins Mediated by Palladium(II) Acetate. <i>Synlett</i> , 1999, 1999, 99-101.	1.8	47
48	Syntheses of Dinuclear and Trinuclear Hydridoplatinum Complexes with Bridging Phosphido Ligands [Pt ₂ H ₂ (η^4 -PR ₂) ₂ (PEt ₃) ₂] (R = <i>t</i> Bu, Ph) and [Pt ₃ H ₂ (η^4 -PPh ₂) ₄ (PEt ₃) ₂]. Characterization of the Triangular Intermediate [Pt ₃ H(η^4 -PPh ₂) ₃ (PEt ₃) ₃] and Its Chemical Properties. <i>Organometallics</i> , 2004, 23, 1610-1621.	2.3	47
49	Diarylpalladium Complexes with a Cis Structure. Formation via Transmetalation of Arylboronic Acids with an Aryliodopalladium Complex and Intramolecular Coupling of the Aryl Ligands, Affording Unsymmetrical Biaryls. <i>Organometallics</i> , 2005, 24, 190-192.	2.3	46
50	Nickel/copper-cocatalyzed decarbonylative silylation of acyl fluorides. <i>Chemical Communications</i> , 2019, 55, 10507-10510.	4.1	46
51	A Novel Cross-Coupling Polycondensation of Alkynylsilanes with Aryl Triflates Catalyzed by CuCl/Pd(PPh ₃) ₄ . <i>Macromolecules</i> , 2000, 33, 2779-2781.	4.8	45
52	Copper-catalyzed Sila-Sonogashira-Hagihara Cross-coupling Reactions of Alkynylsilanes with Aryl Iodides under Palladium-free Conditions. <i>Chemistry Letters</i> , 2011, 40, 972-974.	1.3	44
53	Alkynylboron compounds in organic synthesis. <i>Journal of Organometallic Chemistry</i> , 2012, 721-722, 3-16.	1.8	42
54	Synthesis of Substituted Pienes through Pd-Catalyzed Cross-Coupling Reaction/Annulation Sequences and Their Physicochemical Properties. <i>Organic Letters</i> , 2013, 15, 3558-3561.	4.6	41

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55	Palladium-Catalyzed Regio- and Stereoselective Carbothiolation of Terminal Alkynes with Azolyl Sulfides. <i>Organic Letters</i> , 2016, 18, 1642-1645.	4.6	41
56	Palladium-Catalyzed Cross-Coupling Polycondensation of Bisalkynes with Dihaloarenes Activated by Tetrabutylammonium Hydroxide or Silver(I) Oxide. <i>Chemistry Letters</i> , 2001, 30, 286-287.	1.3	40
57	A Facile Preparation and Cyclopropanation of 1-Alkenylsilanols. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2409-2417.	3.2	39
58	Synthesis of symmetrical 1,3-butadiynes by homocoupling reactions of alkynylboronates mediated by a copper salt. <i>Tetrahedron Letters</i> , 2005, 46, 8661-8664.	1.4	39
59	Nickel or Palladium-Catalyzed Decarbonylative Transformations of Carboxylic Acid Derivatives. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1234-1247.	3.3	39
60	Hydrido- η^5 -Rhodium(I) and η^5 -Iridium(I) Complex Promoted Ring-Opening Isomerization of Unsymmetrically Substituted Methylenecyclopropanes into 1,3-Dienes. Structures of Intermediates and Reaction Pathways. <i>Organometallics</i> , 2001, 20, 2124-2126.	2.3	38
61	Reaction of alkynylsilanes with CuCl in polar solvents leading to alkynyl group transfer from Si to Cu. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 282-286.	1.8	38
62	Sila-Sonogashira Cross-Coupling Reactions of Activated Aryl Chlorides with Alkynylsilanes. <i>Synlett</i> , 2008, 2008, 3041-3045.	1.8	38
63	Iron-catalysed radical cyclization to synthesize germanium-substituted indolo[2,1- <i>b</i>]isoquinolin-6(5 <i>H</i>)-ones and indolin-2-ones. <i>Chemical Communications</i> , 2021, 57, 9276-9279.	4.1	37
64	Structure and Properties of Halogeno(hydrido)(triorganosilyl)rhodium(III) Complexes, RhX(H)(SiR ₁ nR ₂ 3-n)(PPh ₃) ₂ (X = Cl, I; R ₁ = OSiMe ₃ , OEt, R ₂ = Me). Influence of the Alkoxy Groups and Halo Ligand on Stability and Reactivity of the Complexes. <i>Organometallics</i> , 2002, 21, 825-831.	2.3	36
65	Rh-Catalyzed Negishi Alkyl-Aryl Cross-Coupling Leading to β - or γ -Phosphoryl-Substituted Alkylarenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 2794-2797.	3.2	36
66	Coupling reaction of alkenylzirconocenes with aryl or alkenyl iodides in the presence of. <i>Tetrahedron Letters</i> , 1997, 38, 447-450.	1.4	35
67	Room-Temperature Palladium-Catalyzed and Copper(I)-Mediated Coupling Reactions of Acid Chlorides with Boronic Acids under Neutral Conditions. <i>Synlett</i> , 2005, 2005, 2309-2312.	1.8	35
68	Rh-Catalyzed Carbonylation of Arylzinc Compounds Yielding Symmetrical Diaryl Ketones by the Assistance of Oxidizing Agents. <i>Journal of Organic Chemistry</i> , 2011, 76, 1949-1952.	3.2	35
69	Palladium-catalyzed and copper-mediated cross-coupling reaction of aryl- or alkenylboronic acids with acid chlorides under neutral conditions: efficient synthetic methods for diaryl ketones and chalcones at room temperature. <i>Tetrahedron</i> , 2013, 69, 2565-2571.	1.9	35
70	Cluster chemistry driven by ligand bulk. Significance of the synthesis of nido-1-(η^5 -C ₅ Me ₅)Co-2-(η^5 -C ₅ Me ₅ H)CoB ₃ H ₈ and its dehydrogenation to nido-2,4-{(η^5 -C ₅ Me ₅)Co} ₂ B ₃ H ₇ . <i>Journal of the American Chemical Society</i> , 1993, 115, 12224-12225.	13.7	34
71	Synthesis of Methoxy-Substituted Picones: Substitution Position Effect on Their Electronic and Single-Crystal Structures. <i>Journal of Organic Chemistry</i> , 2014, 79, 4973-4983.	3.2	34
72	Preparation and Structure of (Cp*Cr)B ₄ H ₈ . An Unsaturated Metallaborane Cluster with an Unexpected Structure. <i>Journal of the American Chemical Society</i> , 1994, 116, 8408-8409.	13.7	33

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73	Arylplatinum Complexes with Arylboronate Ligands. Their Preparation, Structure, and Relevance to Transmetalation. <i>Organometallics</i> , 2005, 24, 3815-3817.	2.3	33
74	Preparation, Structures, and Thermal Reactivity of Alkoxy carbonyl(cyano)palladium(II) Complexes <i>trans</i> -Pd(COOR)(CN)(PPh ₃) ₂ (R = Me, Et, <i>n</i> Pr, <i>i</i> Pr, <i>n</i> Bu, <i>t</i> Bu, and Bn) as Intermediates of the Palladium-Catalyzed Cyanoesterification of Norbornene Derivatives. <i>Organometallics</i> , 2007, 26, 4054-4060.	2.3	33
75	Regio- and Stereoselective Synthesis of Multisubstituted Vinylsilanes via Zirconacycles ^{<sup>â€</sup>. <i>Organic Letters</i>, 2009, 11, 3546-3549.}	4.6	33
76	Synthesis of unsymmetrically disubstituted ethynes by the palladium/copper(I)-cocatalyzed silyl-Sonogashiraâ€Hagihara coupling reactions of alkynylsilanes with aryl iodides, bromides, and chlorides through a direct activation of a carbonâ€silicon bond. <i>Tetrahedron</i> , 2012, 68, 4869-4881.	1.9	33
77	Phenanthrothiopheneâ€isoindigo Copolymers: Effect of Side Chains on Their Molecular Order and Solar Cell Performance. <i>Macromolecules</i> , 2015, 48, 2875-2885.	4.8	33
78	Regioselective Synthesis of \hat{I}^3 -Lactones by Iron-Catalyzed Radical Annulation of Alkenes with \hat{I}^{\pm} -Halocarboxylic Acids and Their Derivatives. <i>Organic Letters</i> , 2018, 20, 3848-3852.	4.6	32
79	Palladium- and base-free synthesis of conjugated ynones by cross-coupling reactions of alkynylboronates with acid chlorides mediated by CuCl. <i>Tetrahedron Letters</i> , 2010, 51, 306-308.	1.4	31
80	Synthesis of 2,9-dialkylated phenanthro[1,2-b:8,7-bâ€ ²]dithiophenes via cross-coupling reactions and sequential Lewis acid-catalyzed regioselective cycloaromatization of epoxide. <i>Tetrahedron Letters</i> , 2014, 55, 4002-4005.	1.4	31
81	Zirconocene Catalyzed Dehalogenation of Aromatic Halides by Alkylmagnesium Reagents. <i>Chemistry Letters</i> , 1997, 26, 1251-1252.	1.3	30
82	Preparation and reactions of monocyclic bis(cyclopentadienyl)titanacyclopentenes and -pentadienes. <i>Journal of Organometallic Chemistry</i> , 2001, 633, 18-26.	1.8	30
83	Negishi Alkylâ€Aryl Cross-Coupling Catalyzed by Rh: Efficiency of Novel Tripodal 3-Diphenylphosphino-2-(diphenylphosphino)methyl-2-methylpropyl Acetate Ligand. <i>Organic Letters</i> , 2010, 12, 1692-1695.	4.6	30
84	Recent Advances in Transitionâ€metalâ€catalyzed Câ€C Bond Formation via C(<i>i</i> >sp</i>^{<i>2</i>})â€F Bond Cleavage. <i>Chemical Record</i> , 2021, 21, 3394-3410.	5.8	30
85	Novel Rh Catalysis in Cross-Coupling between Alkyl Halides and Arylzinc Compounds Possessing ortho-COX (X = OR, NMe ₂ , or Ph) Groups. <i>Organic Letters</i> , 2006, 8, 3037-3040.	4.6	29
86	Synthesis of Functionalized Benzylsilanes from Arylzinc Compounds and (Iodomethyl)trimethylsilane by Means of a Novel Rh Catalysis. <i>Journal of Organic Chemistry</i> , 2006, 71, 671-675.	3.2	29
87	Synthesis, characterization, and thermal properties of ringâ€opening metathesis polynorbornenes and their hydrogenated derivatives bearing various ester and cyano groups. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3314-3325.	2.3	29
88	Phenanthro[1,2-bâ€%:â€%8,7-bâ€ TM]dithiophene: a new picene-type molecule for transistor applications. <i>RSC Advances</i> , 2013, 3, 19341.	3.6	28
89	Nickel-Catalyzed Decarbonylative Cyanation of Acyl Chlorides. <i>Organic Letters</i> , 2019, 21, 6779-6784.	4.6	28
90	Nickel-Catalyzed Decarbonylative Stannylation of Acyl Fluorides under Ligand-Free Conditions. <i>Molecules</i> , 2019, 24, 1671.	3.8	28

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91	Substituent Effect of 3,3,3-Trifluoropropyl Group on Organic Silanols. Palladium-Mediated Mizoroki-Heck Type and Cross-Coupling Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 749-750.	3.2	27
92	Si ^{δ+} -C Bond Activation of ArMe ₂ SiOH Promoted by a Bromoplatinum(II) Complex and Ag ₂ O. Aryl Group Transfer from Silicon to Platinum. <i>Organometallics</i> , 2001, 20, 1243-1246.	2.3	27
93	Stereodivergent hydrosilylation of 1-alkynes catalyzed by RhI(PPh ₃) ₃ leading to (E)- and (Z)-alkenylsilanes and the application to polymer synthesis. <i>Polyhedron</i> , 2000, 19, 567-568.	2.2	26
94	C ^{δ+} -C and C ^{δ+} -H Bond Activation of Dialkylmethylenecyclopropane Promoted by Rhodium and Iridium Complexes. Preparation and Structures of M(1,1,2-CH ₂ CR ₂ CHCH ₂)(CO)(PPh ₃) ₂ and trans-M(CHCHCMeR ₂)(CO)(PPh ₃) ₂ (M = Rh, Ir, R = CH ₂ CH ₂ Ph). <i>Organometallics</i> , 2004, 23, 5402-5409.	2.3	26
95	Synthesis of Substituted [6]Phenacenes through Suzuki-Miyaura Coupling of Polyhalobenzene with Alkenylboronates and Sequential Intramolecular Cyclization via C-H Bond Activation. <i>Chemistry Letters</i> , 2013, 42, 1257-1259.	1.3	26
96	Platinum complex-catalyzed hydrosilylation of 2,2-diaryl-1-methylenecyclopropane affording (silylmethyl)cyclopropane. <i>Tetrahedron Letters</i> , 2002, 43, 2059-2061.	1.4	25
97	Transistor application of new picene-type molecules, 2,9-dialkylated phenanthro[1,2-b:8,7-b']dithiophenes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2413-2421.	5.5	25
98	Phenanthrene Synthesis by Palladium-Catalyzed Benzannulation with <i>ortho</i> -Bromobenzyl Alcohols through Multiple Carbon-Carbon Bond Formations. <i>Journal of Organic Chemistry</i> , 2017, 82, 6242-6258.	3.2	25
99	Palladium-Catalyzed Decarbonylative Alkylation of Acyl Fluorides. <i>Organic Letters</i> , 2020, 22, 2350-2353.	4.6	25
100	Highly crystalline, low band-gap semiconducting polymers based on phenanthrodithiophene-benzothiadiazole for solar cells and transistors. <i>Polymer Chemistry</i> , 2016, 7, 1549-1558.	3.9	24
101	Palladium/copper-cocatalyzed decarbonylative alkynylation of acyl fluorides with alkynylsilanes: synthesis of unsymmetrical diarylethyne. <i>Chemical Communications</i> , 2020, 56, 7977-7980.	4.1	23
102	Synthesis of Multisubstituted Olefins through Regio- and Stereoselective Addition of Interelement Compounds Having Si, B, and S Bonds to Alkynes, and Subsequent Cross-Couplings. <i>Chemical Record</i> , 2016, 16, 2031-2045.	5.8	22
103	Cationic Rh complexes with novel spiro tetraarylpentaborate anions prepared from arylboronic acids and aryloxorhodium complexes. <i>Dalton Transactions</i> , 2004, , 1366.	3.3	21
104	Selective C-C Bond Activation of 2-Aryl-1-methylenecyclopropanes Promoted by Ir(I) and Rh(I) Hydrido Complexes. Mechanism of Ring-Opening Isomerization of the Strained Molecules. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1469-1480.	3.2	21
105	New Entry to the Synthesis of \pm -Iminonitriles by Lewis Acid Mediated Isomerization of Cyano-Substituted Iminoisobenzofurans Prepared by Palladium-Catalyzed Three-Component Coupling of Arynes, Isocyanides, and Cyanoformates. <i>Organometallics</i> , 2014, 33, 3500-3507.	2.3	21
106	Highly selective monofunctionalization of zirconacyclopentanes and dialkylzirconocene complexes. <i>Inorganica Chimica Acta</i> , 1996, 252, 91-99.	2.4	19
107	Novel Cage Polycarbosilanes. Preparation and Characterization of Dodecamethyl-2,3,5,6,7,8-hexasilabicyclo[2.2.2]octane and Its Derivatives. <i>Chemistry Letters</i> , 1998, 27, 1145-1146.	1.3	19
108	Synthesis and Optical Resolution of Novel Chiral Silanols. <i>Chemistry Letters</i> , 1999, 28, 549-550.	1.3	19

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