

Mamoru Tobisu

List of Publications by Citations

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121
papers

7,373
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48
h-index

85
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145
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8,156
ext. citations

8.5
avg, IF

6.56
L-index

#	Paper	IF	Citations
121	Cross-Couplings Using Aryl Ethers via C-O Bond Activation Enabled by Nickel Catalysts. <i>Accounts of Chemical Research</i> , 2015 , 48, 1717-26	24.3	489
120	Nickel-catalyzed cross-coupling of aryl methyl ethers with aryl boronic esters. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4866-9	16.4	366
119	Catalytic reactions involving the cleavage of carbon-cyano and carbon-carbon triple bonds. <i>Chemical Society Reviews</i> , 2008 , 37, 300-7	58.5	351
118	Nickel-catalyzed reaction of arylzinc reagents with N-aromatic heterocycles: a straightforward approach to C-H bond arylation of electron-deficient heteroaromatic compounds. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12070-1	16.4	258
117	Modular synthesis of phenanthridine derivatives by oxidative cyclization of 2-isocyanobiphenyls with organoboron reagents. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11363-6	16.4	239
116	Nickel-catalyzed Suzuki-Miyaura reaction of aryl fluorides. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19505-11	16.4	223
115	Nickel-catalyzed amination of aryl pivalates by the cleavage of aryl C-O bonds. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2929-32	16.4	211
114	Palladium-catalyzed direct alkynylation of C-H bonds in benzenes. <i>Organic Letters</i> , 2009 , 11, 3250-2	6.2	206
113	Rhodium(I)-catalyzed borylation of nitriles through the cleavage of carbon-cyano bonds. <i>Journal of the American Chemical Society</i> , 2012 , 134, 115-8	16.4	156
112	Rhodium-catalyzed silylation and intramolecular arylation of nitriles via the silicon-assisted cleavage of carbon-cyano bonds. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15982-9	16.4	155
111	Nickel-catalyzed reductive cleavage of aryl-oxygen bonds in alkoxy- and pivaloxyarenes using hydrosilanes as a mild reducing agent. <i>Chemical Communications</i> , 2011 , 47, 2946-8	5.8	149
110	Ni0-catalyzed Direct Amination of Anisoles Involving the Cleavage of Carbon-Oxygen Bonds. <i>Chemistry Letters</i> , 2009 , 38, 710-711	1.7	147
109	Devising boron reagents for orthogonal functionalization through Suzuki-Miyaura cross-coupling. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3565-8	16.4	144
108	Rh(I)-catalyzed silylation of aryl and alkenyl cyanides involving the cleavage of C-C and Si-Si bonds. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8152-3	16.4	142
107	Nickel-catalyzed reductive and borylative cleavage of aromatic carbon-nitrogen bonds in N-aryl amides and carbamates. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5587-90	16.4	141
106	Rhodium-catalyzed carbon-silicon bond activation for synthesis of benzosilole derivatives. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19477-88	16.4	125
105	Rhodium-catalyzed coupling of 2-silylphenylboronic acids with alkynes leading to benzosiloles: catalytic cleavage of the carbon-silicon bond in trialkylsilyl groups. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7506-7	16.4	122

104	Nickel-catalyzed borylation of arenes and indoles via C-H bond cleavage. <i>Chemical Communications</i> , 2015 , 51, 6508-11	5.8	120
103	Rhodium-catalyzed borylation of aryl 2-pyridyl ethers through cleavage of the carbon-oxygen bond: borylative removal of the directing group. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1593-600	16.4	112
102	Platinum and ruthenium chloride-catalyzed cycloisomerization of 1-alkyl-2-ethynylbenzenes: interception of pi-activated alkynes with a benzylic C-H bond. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5471-5	4.2	112
101	Nickel-catalyzed cross-coupling reaction of alkenyl methyl ethers with aryl boronic esters. <i>Organic Letters</i> , 2009 , 11, 4890-2	6.2	110
100	Synthesis of 2-boryl- and silylindoles by copper-catalyzed borylative and silylative cyclization of 2-alkenylaryl isocyanides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4841-7	4.2	109
99	Rhodium-catalyzed reductive cleavage of carbon-cyano bonds with hydrosilane: a catalytic protocol for removal of cyano groups. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3174-5	16.4	109
98	Nickel-Catalyzed Cross-Coupling of Aryl Methyl Ethers with Aryl Boronic Esters. <i>Angewandte Chemie</i> , 2008 , 120, 4944-4947	3.6	109
97	1,3-Dicyclohexylimidazol-2-ylidene as a superior ligand for the nickel-catalyzed cross-couplings of aryl and benzyl methyl ethers with organoboron reagents. <i>Organic Letters</i> , 2014 , 16, 5572-5	6.2	108
96	Palladium-catalyzed direct synthesis of phosphole derivatives from triarylphosphines through cleavage of carbon-hydrogen and carbon-phosphorus bonds. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11892-5	16.4	108
95	Nickel-Catalyzed Alkylative Cross-Coupling of Anisoles with Grignard Reagents via C-O Bond Activation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6711-4	16.4	108
94	Nickel-catalyzed alkylation of anisoles via C-O bond cleavage. <i>Organic Letters</i> , 2015 , 17, 680-3	6.2	103
93	C-H functionalization at sterically congested positions by the platinum-catalyzed borylation of arenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12211-4	16.4	97
92	Nickel-Catalyzed Cross-Coupling of Anisoles with Alkyl Grignard Reagents via C-O Bond Cleavage. <i>Organic Letters</i> , 2015 , 17, 4352-5	6.2	94
91	Palladium-catalyzed cyclocoupling of 2-halobiaryls with isocyanides via the cleavage of carbon-hydrogen bonds. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4835-40	4.2	92
90	Nickel-catalyzed reductive cleavage of aryl alkyl ethers to arenes in absence of external reductant. <i>Chemical Science</i> , 2015 , 6, 3410-3414	9.4	88
89	Ni(0)/NHC-catalyzed amination of N-heteroaryl methyl ethers through the cleavage of carbon-oxygen bonds. <i>Tetrahedron</i> , 2012 , 68, 5157-5161	2.4	85
88	Catalytic Transformations Involving the Activation of sp ² Carbon-Oxygen Bonds. <i>Topics in Organometallic Chemistry</i> , 2012 , 35-53	0.6	80
87	Brønsted acid catalyzed formal insertion of isocyanides into a C-O bond of acetals. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11431-7	16.4	75

86	Nickel-Catalyzed Cross-Coupling Reactions of Unreactive Phenolic Electrophiles via C-O Bond Activation. <i>Topics in Current Chemistry</i> , 2016 , 374, 41	7.2	74
85	Nickel-Mediated Decarbonylation of Simple Unstrained Ketones through the Cleavage of Carbon-Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1416-1419	16.4	68
84	Combined Theoretical and Experimental Studies of Nickel-Catalyzed Cross-Coupling of Methoxyarenes with Arylboronic Esters via C-O Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10347-10358	16.4	64
83	Palladium(ii)-catalyzed synthesis of dibenzothiophene derivatives the cleavage of carbon-sulfur and carbon-hydrogen bonds. <i>Chemical Science</i> , 2016 , 7, 2587-2591	9.4	63
82	Rhodium-catalyzed alkenylation of nitriles via silicon-assisted C-CN bond cleavage. <i>Organic Letters</i> , 2010 , 12, 1864-7	6.2	60
81	Rhodium-catalyzed silylation of aromatic carbon-hydrogen bonds in 2-arylpyridines with disilane. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1585-91	4.5	60
80	Nickel-Catalyzed Formal Homocoupling of Methoxyarenes for the Synthesis of Symmetrical Biaryls via C-O Bond Cleavage. <i>Organic Letters</i> , 2015 , 17, 6142-5	6.2	57
79	Rhodium-catalysed anomalous dimerization of styrenes involving the cleavage of the ortho C-H bond. <i>Chemical Communications</i> , 2008 , 6013-5	5.8	57
78	Chemistry. Remote control by steric effects. <i>Science</i> , 2014 , 343, 850-1	33.3	56
77	Nickel-Catalyzed Amination of Aryl Pivalates by the Cleavage of Aryl C=O Bonds. <i>Angewandte Chemie</i> , 2010 , 122, 2991-2994	3.6	55
76	Ein katalytischer Ansatz zur Funktionalisierung von C(sp ³)-H-Bindungen. <i>Angewandte Chemie</i> , 2006 , 118, 1713-1715	3.6	50
75	Nickel-catalyzed Cross-coupling of Anisole Derivatives with Trimethylaluminum through the Cleavage of Carbon-Oxygen Bonds. <i>Chemistry Letters</i> , 2015 , 44, 1729-1731	1.7	48
74	Nickel-Catalyzed Borylation of Aryl and Benzyl 2-Pyridyl Ethers: A Method for Converting a Robust ortho-Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2417-2421	5.6	48
73	Palladium-Catalyzed Synthesis of 2,3-Disubstituted Benzothiophenes via the Annulation of Aryl Sulfides with Alkynes. <i>Organic Letters</i> , 2016 , 18, 4312-5	6.2	47
72	Palladium Nanoparticle-Catalyzed Direct Ethynylation of Aliphatic Carboxylic Acid Derivatives via C(sp ³)-H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1631-1637	5.6	46
71	Rhodium-catalyzed Borylation of Aryl and Alkenyl Pivalates through the Cleavage of Carbon-Oxygen Bonds. <i>Chemistry Letters</i> , 2015 , 44, 366-368	1.7	46
70	Catalytic Hydrogenolysis of C=O Bonds in Aryl Ethers. <i>ChemCatChem</i> , 2011 , 3, 1410-1411	5.2	43
69	Borreagentien für die orthogonale Funktionalisierung mithilfe von Suzuki-Miyaura-Kreuzkupplungen. <i>Angewandte Chemie</i> , 2009 , 121, 3617-3620	3.6	43

68	Palladium-catalyzed synthesis of six-membered benzofused phosphacycles via carbon-phosphorus bond cleavage. <i>Organic Letters</i> , 2015 , 17, 70-3	6.2	42
67	Modular Synthesis of Phenanthridine Derivatives by Oxidative Cyclization of 2-Isocyanobiphenyls with Organoboron Reagents. <i>Angewandte Chemie</i> , 2012 , 124, 11525-11528	3.6	42
66	1,5-Migration of rhodium via C-H bond activation in catalytic decyanative silylation of nitriles. <i>Chemical Communications</i> , 2012 , 48, 11437-9	5.8	39
65	Iridium-catalyzed Decarbonylative Coupling of Acyl Fluorides with Arenes and Heteroarenes via C-H Activation. <i>Chemistry Letters</i> , 2019 , 48, 94-97	1.7	39
64	Lewis acid-promoted imine synthesis by the insertion of isocyanides into C-H bonds of electron-rich aromatic compounds. <i>Organic Letters</i> , 2007 , 9, 3351-3	6.2	36
63	Palladium-Catalyzed Direct Synthesis of Phosphole Derivatives from Triarylphosphines through Cleavage of Carbon-Hydrogen and Carbon-Phosphorus Bonds. <i>Angewandte Chemie</i> , 2013 , 125, 12108-12111	3.6	35
62	Ruthenium-Catalyzed Direct ortho-Alkynylation of Arenes with Chelation Assistance. <i>Synlett</i> , 2012 , 23, 2763-2767	2.2	35
61	Nickel/N-Heterocyclic Carbene-Catalyzed Suzuki-Miyaura Type Cross-Coupling of Aryl Carbamates. <i>Journal of Organic Chemistry</i> , 2016 , 81, 9409-9414	4.2	33
60	An unusual endo-selective C-H hydroarylation of norbornene by the Rh(I)-catalyzed reaction of benzamides. <i>Nature Communications</i> , 2017 , 8, 1448	17.4	32
59	Rhodium-catalyzed cross-coupling of aryl carbamates with arylboron reagents. <i>Tetrahedron</i> , 2015 , 71, 4484-4489	2.4	31
58	GaCl ₃ - and TiCl ₄ -catalyzed insertion of isocyanides into a C-S bond of dithioacetals. <i>Organic Letters</i> , 2008 , 10, 5223-5	6.2	30
57	C-O Activation by a Rhodium Bis(N-Heterocyclic Carbene) Catalyst: Aryl Carbamates as Arylating Reagents in Directed C-H Arylation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1877-1880	16.4	27
56	Nickel-Catalyzed Decarboxylation of Aryl Carbamates for Converting Phenols into Aromatic Amines. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7261-7265	16.4	27
55	Linear [3]Spirobifluorenylene: An S-Shaped Molecular Geometry of -Oligophenyls. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18238-18245	16.4	27
54	Theoretical Studies of Rhodium-Catalyzed Borylation of Nitriles through Cleavage of Carbon-Nitrogen Bonds. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 655-669	5.1	26
53	Novel Synthetic Approach to Arylboronates via Rhodium-Catalyzed Carbon-Nitrogen Bond Cleavage of Nitriles. <i>Synthesis</i> , 2012 , 44, 2999-3002	2.9	26
52	Nickel-catalyzed decarbonylation of -acylated N-heteroarenes. <i>Chemical Science</i> , 2019 , 10, 6666-6671	9.4	24
51	Palladium-catalyzed Cyclization of Bisphosphines to Phosphacycles via the Cleavage of Two Carbon-Phosphorus Bonds. <i>Chemistry Letters</i> , 2017 , 46, 1296-1299	1.7	21

50	Nickel-Catalyzed Reductive Cleavage of Carbon-Oxygen Bonds in Anisole Derivatives Using Diisopropylaminoborane. <i>ACS Catalysis</i> , 2018 , 8, 7475-7483	13.1	21
49	Rhodium-catalyzed synthesis of germales via the activation of carbon-germanium bonds. <i>Organic Letters</i> , 2011 , 13, 3282-4	6.2	20
48	Catalytic Double Carbon-Boron Bond Formation for the Synthesis of Cyclic Diarylborinic Acids as Versatile Building Blocks for π -Extended Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2069-2073	16.4	19
47	Ruthenium(II)-Catalyzed Chelation-Assisted Arylation of C-H Bonds with Diaryliodonium Salts. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 48-51	3	18
46	Aryne-Induced SAr/Dearylation Strategy for the Synthesis of Fluorinated Dibenzophospholes from Triarylphosphines via a P(V) Intermediate. <i>Organic Letters</i> , 2020 , 22, 2293-2297	6.2	17
45	N-Heterocyclic Carbene Catalyzed Concerted Nucleophilic Aromatic Substitution of Aryl Fluorides Bearing π -Unsaturated Amides. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14157-14161	16.4	17
44	Synthesis of Six-membered Silacycles by Intramolecular Nucleophilic Substitution at Silicon Involving the Cleavage of Carbon-Silicon Bonds. <i>Chemistry Letters</i> , 2013 , 42, 238-240	1.7	15
43	Recent advances in Gomberg-Backmann biaryl synthesis. <i>Tetrahedron Letters</i> , 2019 , 60, 151062	2	14
42	Iridium/N-heterocyclic carbene-catalyzed C-H borylation of arenes by diisopropylaminoborane. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 654-61	2.5	14
41	Rhodium-Catalyzed C-O Bond Alkynylation of Aryl Carbamates with Propargyl Alcohols. <i>Organic Letters</i> , 2018 , 20, 2108-2111	6.2	13
40	GaCl ₃ -catalyzed reactions utilizing isocyanides as a C1 source. <i>Pure and Applied Chemistry</i> , 2006 , 78, 275-280		13
39	Nickel-Catalyzed Cyclization of Difluoro-Substituted 1,6-Enynes with Organozinc Reagents through the Stereoselective Activation of C-F Bonds: Synthesis of Bicyclo[3.2.0]heptene Derivatives. <i>Angewandte Chemie</i> , 2010 , 122, 8899-8902	3.6	12
38	Phosphine-Catalyzed Intermolecular Acylfluorination of Alkynes via a P(V) Intermediate. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17323-17328	16.4	12
37	Cyclization of Bisphosphines to Phosphacycles via the Cleavage of Two Carbon-Phosphorus Bonds by Nickel Catalysis. <i>Organic Letters</i> , 2019 , 21, 4177-4181	6.2	10
36	Iridium-Mediated Arylation of Quinoline via the Cleavage of Carbon-Carbon and Carbon-Nitrogen Bonds of 1,3-Dimesitylimidazol-2-ylidene. <i>Organometallics</i> , 2019 , 38, 2834-2838	3.8	10
35	Rhodium-Catalyzed Reductive Cleavage of Aryl Carbamates Using Isopropanol as a Reductant. <i>Synlett</i> , 2017 , 28, 2569-2572	2.2	10
34	Electrolytic Cross-Coupling of Arenediazonium Salts and Heteroarenes. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 1749-1751	5.1	10
33	Rhodium-Catalyzed Carbon-Cyano Bond Cleavage Reactions Using Organosilicon Reagents. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2010 , 68, 1112-1122	0.2	8

32	Chiral cyclic [spiro]bifluorenylenes: carbon nanorings consisting of helically arranged quaterphenyl rods illustrating partial units of woven patterns. <i>Chemical Science</i> , 2020 , 11, 9604-9610	9.4	8
31	Oxovanadium(V)-Catalyzed Direct Amination of Allyl Alcohols. <i>ChemCatChem</i> , 2019 , 11, 1175-1178	5.2	8
30	Thiolate-Initiated Synthesis of Dibenzothiophenes from 2,2?-Bis(methylthio)-1,1?-Biaryl Derivatives through Cleavage of Two Carbon-Sulfur Bonds. <i>Synlett</i> , 2019 , 30, 1995-1999	2.2	8
29	Metal-Catalyzed Aromatic C-O Bond Activation/Transformation. <i>Topics in Organometallic Chemistry</i> , 2018 , 103-140	0.6	8
28	Nickel-Catalyzed Decarbonylation of Acylsilanes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7588-7594	4.2	6
27	Oxovanadium(v)-catalyzed oxidative cross-coupling of enolates using O as a terminal oxidant. <i>Chemical Communications</i> , 2020 , 56, 11697-11700	5.8	6
26	C=O Activation by a Rhodium Bis(N-Heterocyclic Carbene) Catalyst: Aryl Carbamates as Arylating Reagents in Directed C-H Arylation. <i>Angewandte Chemie</i> , 2017 , 129, 1903-1906	3.6	5
25	Nickel-catalyzed Ring-opening Cross-coupling of Cyclic Alkenyl Ethers with Arylboronic Esters via Carbon-Oxygen Bond Cleavage. <i>Chemistry Letters</i> , 2016 , 45, 1277-1279	1.7	5
24	The Effect of the Leaving Group in N-Heterocyclic Carbene-Catalyzed Nucleophilic Aromatic Substitution Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1424-1429	5.1	5
23	Catalytic Double Carbon-Boron Bond Formation for the Synthesis of Cyclic Diarylborinic Acids as Versatile Building Blocks for Extended Heteroarenes. <i>Angewandte Chemie</i> , 2017 , 129, 2101-2105	3.6	4
22	N-Heterocyclic Carbene Catalyzed Concerted Nucleophilic Aromatic Substitution of Aryl Fluorides Bearing Unsaturated Amides. <i>Angewandte Chemie</i> , 2019 , 131, 14295-14299	3.6	4
21	Oxovanadium(V)-catalyzed deoxygenative homocoupling reaction of alcohols. <i>New Journal of Chemistry</i> , 2019 , 43, 17571-17576	3.6	4
20	Overlooked Factors Required for Electrolyte Solvents in Li-O ₂ Battery: Capabilities of Quenching O ₂ and Forming Highly-decomposable Li ₂ O ₂ . <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	4
19	Palladium-Catalyzed Siloxycyclopropanation of Alkenes Using Acylsilanes.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	4
18	Synthesis of 4,5-Benzotropone [Complexes of Iron, Rhodium, and Iridium and Their Potential Use in Catalytic Borrowing-Hydrogen Reactions. <i>Inorganic Chemistry</i> , 2021 , 60, 4332-4336	5.1	4
17	N-Heterocyclic Carbene-Catalyzed Truce-Smiles Rearrangement of -Arylacrylamides via the Cleavage of Unactivated C(aryl)-N Bonds. <i>Organic Letters</i> , 2021 , 23, 1572-1576	6.2	4
16	Catalytic Dimerization of Alkynes via C-H Bond Cleavage by a Platinum-Bilylene Complex. <i>Organometallics</i> , 2020 , 39, 1678-1682	3.8	3
15	Three-Component Coupling of Acyl Fluorides, Silyl Enol Ethers, and Alkynes by P(III)/P(V) Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18394-18399	16.4	3

14	Palladium-catalyzed Decarbonylative Cyanation of Acyl Fluorides and Chlorides. <i>Chemistry Letters</i> , 2021 , 50, 151-153	1.7	3
13	Catalytic Synthesis of Heterocycles via the Cleavage of Carbon-Heteroatom Bonds. Yuki Gosei <i>Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018 , 76, 1185-1196	0.2	3
12	Nickel-Catalyzed Addition of C-C Bonds of Amides to Strained Alkenes: The 1,2-Carboaminocarbonylation Reaction.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	2
11	C=O Bond Transformations 2020 , 123-149		2
10	Phenylene-bridged bis(benzimidazolium) (BBIm): a dicationic organic photoredox catalyst. <i>Chemical Science</i> , 2020 , 11, 12109-12117	9.4	2
9	Oxovanadium(v)-catalyzed amination of carbon dioxide under ambient pressure for the synthesis of ureas.. <i>RSC Advances</i> , 2021 , 11, 27121-27125	3.7	2
8	Ruthenium-Catalyzed Isomerization of <i>p</i> -Silylanilines to Their Isomers. <i>Organic Letters</i> , 2021 , 23, 6714-6718	1.2	2
7	Reactions via Cleavage of Carbon-Carbon Bonds of Ketones and Nitriles 2015 , 193-220		1
6	Synthetic Applications of C=O and C-H Bond Activation Reactions 2022 ,		1
5	Synthesis and Characterization of 1-Hydroxy-4,5-arene-Fused Tropylium Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13800-13807	4.2	1
4	Nickel-Catalyzed Amination of Aryl Pivalates by the Cleavage of Aryl C=O Bonds 2010 , 49, 2929		1
3	Titelbild: Palladium-Catalyzed Direct Synthesis of Phosphole Derivatives from Triarylphosphines through Cleavage of Carbon-Hydrogen and Carbon-Phosphorus Bonds (Angew. Chem. 45/2013). <i>Angewandte Chemie</i> , 2013 , 125, 11883-11883	3.6	
2	Nickel-Catalyzed Cross-Coupling of 2-Methoxynaphthalene with Methyl 4-(5,5-Dimethyl-1,3,2-Dioxaborinan-2-yl)Benzoate		
1	Late-Stage Derivatization of Buflavine by Nickel-Catalyzed Direct Substitution of a Methoxy Group via C-H Bond Activation. <i>Synthesis</i> , 2021 , 53, 3037-3044	2.9	