Masaharu Nakamura

List of Publications by Year
in descending order

155	9,104	34105 52	45317 90
papers	citations	h-index	g-index

210	210	210	5029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron-Catalyzed Cross-Coupling of Primary and Secondary Alkyl Halides with Aryl Grignard Reagents. Journal of the American Chemical Society, 2004, 126, 3686-3687.	13.7	493
2	Highly Selective Biaryl Cross-Coupling Reactions between Aryl Halides and Aryl Grignard Reagents: A New Catalyst Combination ofN-Heterocyclic Carbenes and Iron, Cobalt, and Nickel Fluorides. Journal of the American Chemical Society, 2009, 131, 11949-11963.	13.7	298
3	Iron-Catalyzed Suzukiâ˜Miyaura Coupling of Alkyl Halides. Journal of the American Chemical Society, 2010, 132, 10674-10676.	13.7	298
4	Synthesis of BN-Fused Polycyclic Aromatics via Tandem Intramolecular Electrophilic Arene Borylation. Journal of the American Chemical Society, 2011, 133, 18614-18617.	13.7	284
5	Iron-Catalyzed Selective Biaryl Coupling:â€‰ Remarkable Suppression of Homocoupling by the Fluoride Anion. Journal of the American Chemical Society, 2007, 129, 9844-9845.	13.7	281
6	Azaboradibenzo[6]helicene: Carrier Inversion Induced by Helical Homochirality. Journal of the American Chemical Society, 2012, 134, 19600-19603.	13.7	231
7	Iron-Catalyzed Olefin Carbometalation. Journal of the American Chemical Society, 2000, 122, 978-979.	13.7	229
8	Effect of TMEDA on Iron-Catalyzed Coupling Reactions of ArMgX with Alkyl Halides. Journal of the American Chemical Society, 2009, 131, 6078-6079.	13.7	216
9	Synthesis of Chiral Î±-Fluoroketones through Catalytic Enantioselective Decarboxylation. Angewandte Chemie - International Edition, 2005, 44, 7248-7251.	13.8	200
10	Iron-Catalyzed Enantioselective Cross-Coupling Reactions of Î±-Chloroesters with Aryl Grignard Reagents. Journal of the American Chemical Society, 2015, 137, 7128-7134.	13.7	182
11	CyclopropenoneAcetalsSynthesis and Reactions. Chemical Reviews, 2003, 103, 1295-1326.	47.7	178
12	Ironâ€Catalyzed Alkylâ€“Alkyl Suzukiâ€“Miyaura Coupling. Angewandte Chemie - International Edition, 2012, 51, 8834-8837.	13.8	164
13	Iron-Catalyzed Chemoselective Cross-Coupling of Primary and Secondary Alkyl Halides with Arylzinc Reagents. Synlett, 2005, 2005, 1794-1798.	1.8	159
14	2,3-Disubstituted Benzofuran and Indole by Copper-Mediated Câ˜C Bond Extension Reaction of 3-Zinciobenzoheterole. Organic Letters, 2006, 8, 2803-2805.	4.6	154
15	Synthesis of Aryl C-Glycosides via Iron-Catalyzed Cross Coupling of Halosugars: Stereoselective Anomeric Arylation of Glycosyl Radicals. Journal of the American Chemical Society, 2017, 139, 10693-10701.	13.7	147
16	Indium-Catalyzed Addition of Active Methylene Compounds to 1-Alkynes. Journal of the American Chemical Society, 2003, 125, 13002-13003.	13.7	142
17	Tuning Chemoselectivity in Ironâ€Catalyzed SonogashiraâType Reactions Using a Bisphosphine Ligand with Peripheral Steric Bulk: Selective Alkynylation of Nonactivated Alkyl Halides. Angewandte Chemie - International Edition, 2011, 50, 10973-10976.	13.8	139
18	3-Zinciobenzofuran and 3-Zincioindole: Versatile Tools for the Construction of Conjugated Structures Containing Multiple Benzoheterole Units. Angewandte Chemie - International Edition, 2006, 45, 944-947.	13.8	136

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19	Triplet-Energy Control of Polycyclic Aromatic Hydrocarbons by BN Replacement: Development of Ambipolar Host Materials for Phosphorescent Organic Light-Emitting Diodes. Chemistry of Materials, 2014, 26, 6265-6271.	6.7	131
20	Cross-Coupling of Non-activated Chloroalkanes with Aryl Grignard Reagents in the Presence of Iron/N-Heterocyclic Carbene Catalysts. Organic Letters, 2012, 14, 1066-1069.	4.6	124
21	Indium-Catalyzed 2-Alkenylation of 1,3-Dicarbonyl Compounds with Unactivated Alkynes. Journal of the American Chemical Society, 2007, 129, 5264-5271.	13.7	110
22	Efficient Formation of Ring Structures Utilizing Multisite Activation by Indium Catalysis. Journal of the American Chemical Society, 2008, 130, 17161-17167.	13.7	108
23	Transition-Metal-Free Electrophilic Amination between Aryl Grignard Reagents andN-Chloroamines. Organic Letters, 2010, 12, 1516-1519.	4.6	108
24	Enantioselective Allylzincation of Cyclic Aldimines in the Presence of Anionic Bis-oxazoline Ligand. Journal of the American Chemical Society, 1996, 118, 8489-8490.	13.7	106
25	Construction of a Highly Distorted Benzene Ring in a Double Helicene. Angewandte Chemie - International Edition, 2014, 53, 14074-14076.	13.8	104
26	Iron-Catalyzed Regio- and Stereoselective Ring Opening of [2.2.1]- and [3.2.1]Oxabicyclic Alkenes with a Grignard Reagent. Organic Letters, 2003, 5, 1373-1375.	4.6	103
27	Ironâ€Catalyzed Diboration and Carboboration of Alkynes. Chemistry - A European Journal, 2015, 21, 4257-4261.	3.3	103
28	Stereospecific Cross-Coupling between Alkenylboronates and Alkyl Halides Catalyzed by Ironâ€“Bisphosphine Complexes. Journal of Organic Chemistry, 2012, 77, 1168-1173.	3.2	102
29	Reaction Pathways of the Simmonsâ^Smith Reaction. Journal of the American Chemical Society, 2003, 125, 2341-2350.	13.7	99
30	Iron-catalysed fluoroaromatic coupling reactions under catalytic modulation with 1,2-bis(diphenylphosphino)benzene. Chemical Communications, 2009, , 1216.	4.1	94
31	Iron-Catalyzed Cross-Coupling of Alkyl Sulfonates with Arylzinc Reagents. Organic Letters, 2009, 11, 4306-4309.	4.6	92
32	Iron-Catalyzed Enyne Cross-Coupling Reaction. Organic Letters, 2008, 10, 5341-5344.	4.6	91
33	Indiumâ€Catalyzed Cycloisomerization of ï‰â€Alkynylâ€²â€ketoesters into Sixâ€to Fifteenâ€Membered Rings. Angewandte Chemie - International Edition, 2007, 46, 8060-8062.	13.8	88
34	Iron-Catalyzed Negishi Coupling Toward an Effective Olefin Synthesis. Organic Letters, 2009, 11, 4496-4499.	4.6	86
35	Kumadaâ€“Tamaoâ€“Corriu Coupling of Alkyl Halides Catalyzed by an Ironâ€“Bisphosphine Complex. Chemistry Letters, 2011, 40, 1030-1032.	1.3	86
36	The first iron-catalysed aluminium-variant Negishi coupling: critical effect of co-existing salts on the dynamic equilibrium of arylaluminium species and their reactivity. Chemical Communications, 2010, 46, 6054.	4.1	80

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37	Diastereoselective Carbometalation of Oxaâ€•and Azabicyclic Alkenes under Iron Catalysis. Angewandte Chemie - International Edition, 2011, 50, 454-457.	13.8	80
38	DFT and AFIR Study on the Mechanism and the Origin of Enantioselectivity in Iron-Catalyzed Cross-Coupling Reactions. Journal of the American Chemical Society, 2017, 139, 16117-16125.	13.7	74
39	Theoretical Studies on the Addition of Polymetallic Lithium Organocuprate Clusters to Acetylene. Cooperative Effects of Metals in a Trap-and-Bite Reaction Pathway. Journal of the American Chemical Society, 1997, 119, 4887-4899.	13.7	73
40	Construction of a Chiral Quaternary Carbon Center by Indium-Catalyzed Asymmetric Î±-Alkenylation of Î²-Ketoesters. Journal of the American Chemical Society, 2008, 130, 4492-4496.	13.7	72
41	Carbometalation of Cyclopropene. Ligand-Induced Enantioselective Allylzincation. Journal of the American Chemical Society, 1995, 117, 1179-1180.	13.7	71
42	Iron-catalysed Suzuki coupling? A cautionary tale. Tetrahedron Letters, 2009, 50, 6110-6111.	1.4	71
43	Theoretical Studies on Lewis Acid Acceleration in Simmonsâ^'Smith Reaction. Journal of the American Chemical Society, 1998, 120, 5844-5845.	13.7	70
44	Tandem Phospha-Friedelâ^'Crafts Reaction toward Curved Ï€-Conjugated Frameworks with a Phosphorus Ring Junction. Organic Letters, 2011, 13, 2130-2133.	4.6	68
45	Iron-Catalyzed Aromatic Amination for Nonsymmetrical Triarylamine Synthesis. Journal of the American Chemical Society, 2012, 134, 20262-20265.	13.7	67
46	Enantioselective Addition of Allylzinc Reagent to Alkynyl Ketones. Journal of the American Chemical Society, 1998, 120, 5846-5847.	13.7	66
47	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol:â€‰ A One-Pot Synthesis of Methylenetetrahydrofurans. Organic Letters, 2004, 6, 2015-2017.	4.6	64
48	Indium Triflate-Catalyzed Vinylation of Î²-Ketoesters with Acetylene Gas. Organic Letters, 2005, 7, 3279-3281.	4.6	63
49	Ligand control in the stereoselective allylzincation of cyclopropenes. Journal of the American Chemical Society, 1993, 115, 5867-5868.	13.7	59
50	Enantioselective Synthesis of Î±-Substituted Ketones by Asymmetric Addition of Chiral Zinc Enamides to 1-Alkenes. Journal of the American Chemical Society, 2003, 125, 6362-6363.	13.7	56
51	Iron-catalysed enantioselective Suzukiâ€“Miyaura coupling of racemic alkyl bromides. Chemical Communications, 2019, 55, 1128-1131.	4.1	56
52	Mechanism and Ligand-Transfer Selectivity of 1,2-Addition of Organozincate Complexes to Aldehyde. Journal of the American Chemical Society, 2004, 126, 10897-10903.	13.7	54
53	Theoretical studies on the reaction of solvated methyllithium open dimer with aldehydes. Journal of the American Chemical Society, 1993, 115, 11016-11017.	13.7	53
54	Correlation of Reactivities of Organocuprate(I) and Zincate(II) with d-Orbital Energies of Ate Complexes. Tetrahedron, 2000, 56, 2805-2809.	1.9	53

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55	Thermal Hetero [3 + 2] Cycloaddition of Dipolar Trimethylenemethane to O-Alkyloximes. Straightforward Synthetic Routes to Substituted Pyrrolidines and Prolines. Journal of Organic Chemistry, 1998, 63, 1694-1703.	3.2	51
56	[1 + 2] and [3 + 2] cycloaddition reactions of vinylcarbenes with C60. Tetrahedron Letters, 1993, 34, 7429-7432.	1.4	50
57	Î±-Alkylation of Ketones by Addition of Zinc Enamides to Unactivated Olefins. Journal of the American Chemical Society, 2004, 126, 11820-11825.	13.7	50
58	Theoretical Studies on Chelation-Controlled Carbonyl Addition. Me2Mg Addition to .alpha.- and .beta.-Alkoxy Ketones and Aldehydes. Journal of the American Chemical Society, 1995, 117, 5055-5065.	13.7	49
59	Asymmetric Construction of Quaternary Carbon Centers by Regio- and Enantiocontrolled Allylzincation. Organic Letters, 2000, 2, 2193-2196.	4.6	47
60	Iron-catalysed cross-coupling of halohydrins with aryl aluminium reagents: a protecting-group-free strategy attaining remarkable rate enhancement and diastereoinduction. Chemical Communications, 2012, 48, 9376.	4.1	47
61	Investigation of Organoiron Catalysis in Kumadaâ€“Tamaoâ€“Corriu-Type Cross-Coupling Reaction Assisted by Solution-Phase X-ray Absorption Spectroscopy. Bulletin of the Chemical Society of Japan, 2015, 88, 410-418.	3.2	46
62	Nickel-Catalyzed Alkenylative Cross-Coupling Reaction of Alkyl Sulfides. Journal of the American Chemical Society, 2010, 132, 13117-13119.	13.7	45
63	Stereoselective Synthesis of Tetra-Substituted Olefins via Addition of Zinc Enolates to Unactivated Alkynes. Organic Letters, 2004, 6, 4837-4840.	4.6	44
64	Alkylation of Magnesium Enamide with Alkyl Chlorides and Fluorides. Journal of the American Chemical Society, 2005, 127, 14192-14193.	13.7	44
65	Stereoselective Synthesis of Trisubstituted E-Iodoalkenes by Indium-Catalyzed syn-Addition of 1,3-Dicarbonyl Compounds to 1-Iodoalkynes. Organic Letters, 2008, 10, 1219-1221.	4.6	44
66	Theoretical studies on carbometalation of cyclopropene. Transition structures of addition of methyl anion, methyllithium, methylcopper, and Me2Cu- and origin of the high reactivity of the strained double bond. Journal of the American Chemical Society, 1993, 115, 99-106.	13.7	43
67	A single electron transfer pathway in the [3+2] cycloaddition of dipolar trimethylenemethane with olefins. Journal of the American Chemical Society, 1993, 115, 5344-5345.	13.7	43
68	Mechanism of Addition of Allylmetal to Vinylmetal. Dichotomy between Metalloâ^'Ene Reaction and Metallaâ^'Claisen Rearrangement. Journal of the American Chemical Society, 2000, 122, 11791-11798.	13.7	41
69	[2+2]-Cycloaddition Reaction of Styrene Derivatives Using an Fe(III) Salt Catalyst. Chemistry Letters, 2001, 30, 624-625.	1.3	41
70	Iron-catalyzed Chemoselective Cross-coupling of Î±-Bromocarboxylic Acid Derivatives with Aryl Grignard Reagents. Chemistry Letters, 2011, 40, 1012-1014.	1.3	41
71	Olefin Carbometalation with (Alkoxy)allylic Lithium and Zinc Reagents. Four-Centered vs Six-Centered Mechanism of Allylmetalation Reaction. Journal of the American Chemical Society, 1998, 120, 13334-13341.	13.7	37
72	Iron Fluoride/N-Heterocyclic Carbene Catalyzed Cross CouplingÂ-between Deactivated Aryl Chlorides and Alkyl Grignard Reagents with or without Î²-Hydrogens. Synthesis, 2015, 47, 1733-1740.	2.3	35

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73	Ironâ€Catalyzed antiâ€Selective Carbosilylation of Internal Alkynes. Angewandte Chemie - International Edition, 2017, 56, 13298-13301.	13.8	35
74	Ligand-controlled Iron-catalyzed Cross Coupling of Benzylic Chlorides with Aryl Grignard Reagents. Chemistry Letters, 2013, 42, 183-185.	1.3	34
75	Theoretical studies of nucleophilic additions of monomeric and dimeric organometallics. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 1789.	1.7	33
76	Synergetic Dimetallic Effects in Gaudemar/Normant Coupling between Allylzinc and Vinyl Grignard Reagents. Journal of the American Chemical Society, 1999, 121, 8665-8666.	13.7	33
77	Regioselective Allylzincation of Alkenylboronate. Organic Letters, 2001, 3, 3137-3140.	4.6	33
78	Sequential Coupling of Zincated Hydrazone, Alkenylboronate, and Electrophile That Creates Several Contiguous Stereogenic Centers. Journal of the American Chemical Society, 2004, 126, 14344-14345.	13.7	33
79	A Modular Approach to Î±-Arylated Carbonyl Compoundsvia Indium Tris(bistriflylamide)-Catalyzed Regioselective Addition of Î²-Ketoesters to 1,3-Diynes. Advanced Synthesis and Catalysis, 2005, 347, 1681-1686.	4.3	33
80	Iron-catalyzed Suzukiâ€“Miyaura Coupling Reaction of Unactivated Alkyl Halides with Lithium Alkynylborates. Chemistry Letters, 2015, 44, 486-488.	1.3	32
81	Pd-complex-bound Amino Acid-based Supramolecular Gel Catalyst for Intramolecular Additionâ€“Cyclization of Alkynoic Acids in Water. Chemistry Letters, 2012, 41, 498-500.	1.3	31
82	Fe(III)-Catalyzed Radical Cyclization of Cyclopropanone Thioacetal. Heterocycles, 2000, 52, 505.	0.7	31
83	One-Pot Synthesis of Pyrroles through Carbometalation Reaction of Zincated Hydrazone with Vinylstannane. Organic Letters, 1999, 1, 1505-1507.	4.6	30
84	Theoretical Studies on Cyclopropanation Reaction with Lithium and Zinc Carbenoids. Chemistry Letters, 1998, 27, 927-928.	1.3	28
85	Diastereoselective Addition of Zincated Hydrazones to Alkenylboronates and Stereospecific Trapping of Boron/Zinc Bimetallic Intermediates by Carbon Electrophiles. Journal of the American Chemical Society, 2008, 130, 15688-15701.	13.7	28
86	Cycloaddition Reactions of Trimethylenemethane Radical Cation Generated from Methylenecyclopropanone Thioacetal. Organic Letters, 1999, 1, 7-10.	4.6	26
87	Indium-Catalyzed [1 + n] Annulation Reaction between Î²-Ketoester and Î±,Ï‰-Diyne. Organic Letters, 2009, 11, 1845-1847.	4.6	25
88	Discovery of 12-mer peptides that bind to wood lignin. Scientific Reports, 2016, 6, 21833.	3.3	24
89	A Rare Anomalous Case of Absence of the Celiac Trunk -the Left Gastric, the Splenic and the Common Hepatic Arteries Arose from the Abdominal Aorta Independently.. Okajimas Folia Anatomica Japonica, 1983, 60, 65-71.	1.2	22
90	Metal array fabrication through self-assembly of Pt-complex-bound amino acids. Chemical Communications, 2012, 48, 3936.	4.1	22

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91	Effect of diltiazem on pacing-induced ischemia in conscious dogs with coronary stenosis: Improvement of postpacing deterioration of ischemic myocardial function. American Journal of Cardiology, 1981, 48, 460-467.	1.6	21
92	Acceleration of Reaction by Microwave Irradiation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2005, 63, 523-538.	0.1	21
93	Ligand-Free Iron-Catalyzed Câ€“F Amination of Diarylamines: A One-Pot Regioselective Synthesis of Diaryl Dihydrophenazines. Organic Letters, 2019, 21, 461-464.	4.6	20
94	Synthesis of substituted cyclopropanone acetals by carbometallation and its oxidative cleavage with manganese(IV) oxide and lead(IV) oxide. Journal of Organometallic Chemistry, 2001, 624, 300-306.	1.8	18
95	Alkadienyl and alkenyl itaconic acids (ceriporic acids G and H) from the selective white-rot fungus Ceriporiopsis subvermispora: a new class of metabolites initiating ligninolytic lipid peroxidation. Organic and Biomolecular Chemistry, 2012, 10, 6432.	2.8	18
96	Synthesis and Selfâ€Assembly of NCNâ€Pincer Pdâ€Complexâ€Bound Norvalines. Chemistry - A European Journal, 2013, 19, 12356-12375.	3.3	17
97	ONO-pincer ruthenium complex-bound norvaline for efficient catalytic oxidation of methoxybenzenes with hydrogen peroxide. Organic and Biomolecular Chemistry, 2016, 14, 7468-7479.	2.8	17
98	Synthesis and Supramolecular Association of NCN-Pincer Pd-Complex-bound Norvaline Derivatives toward Fabrication of Controlled Metal Array. Chemistry Letters, 2012, 41, 194-196.	1.3	16
99	Synthesis of 2,7-Disubstituted 5,10-Diaryl-5,10-dihydrophenazines via Iron-Catalyzed Intramolecular Ring-Closing Câ€“H Amination. Heterocycles, 2015, 90, 893.	0.7	16
100	Iron-Catalyzed Cross Coupling of Aryl Chlorides with Alkyl Grignard Reagents: Synthetic Scope and FeII/FeIV Mechanism Supported by X-ray Absorption Spectroscopy and Density Functional Theory Calculations. Bulletin of the Chemical Society of Japan, 2019, 92, 381-390.	3.2	16
101	Regio- and stereoselective synthesis of 1,4-enynes by iron-catalysed Suzukiâ€“Miyaura coupling of propargyl electrophiles under ligand-free conditions. Organic and Biomolecular Chemistry, 2020, 18, 3022-3026.	2.8	16
102	Indium-catalyzed addition of carbon units to acetylenes: Development of a new C-C bond formation toward exploitation of chemical resources. Pure and Applied Chemistry, 2006, 78, 425-434.	1.9	15
103	Cross-Coupling Reactions Catalyzed by Iron Group Metals and <i>N</i>-Heterocyclic Carbenes via Nonconventional Reaction Mechanisms. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 1282-1298.	0.1	15
104	DFT Study of a 5-endo-trig-Type Cyclization of 3-Alkenoic Acids by Using Pd-Spiro-bis(isoxazoline) as Catalyst: Importance of the Rigid Spiro Framework for Both Selectivity and Reactivity. Chemistry - A European Journal, 2013, 19, 9518-9525.	3.3	15
105	Regio- and stereoselective multisubstituted olefin synthesis via hydro/carboalumination of alkynes and subsequent iron-catalysed cross-coupling reaction with alkyl halides. Organic Chemistry Frontiers, 2015, 2, 1053-1058.	4.5	15
106	Iron-catalyzed Methylation of Arylboron Compounds with Iodomethane. Chemistry Letters, 2017, 46, 711-714.	1.3	14
107	Open Dimer Participation in Chelation Controlled Addition of Methyllithium Dimer toÎ±-andÎ²-Alkoxy Aldehydes. Chemistry Letters, 1997, 26, 1079-1080.	1.3	12
108	Preparative Routes to Organozinc Reagents Used for Organic Synthesis.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1998, 56, 632-644.	0.1	12

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109	Regioselective Î±-alkylation of ketones with alkyl chlorides and fluorides via highly nucleophilic magnesium enamides. Tetrahedron, 2007, 63, 8440-8448.	1.9	12
110	Synthesis, Structure, and Function of PCP Pincer Transition-Metal-Complex-Bound Norvaline Derivatives. Synlett, 2013, 24, 1910-1914.	1.8	12
111	Gold Nanocluster Functionalized with Peptide Dendron Thiolates: Acceleration of the Photocatalytic Oxidation of an Amino Alcohol in a Supramolecular Reaction Field. ACS Catalysis, 2021, 11, 13180-13187.	11.2	12
112	Influence of acute mechanical overload on dimension and dynamics of interventricular septal thickness in dogs. American Journal of Cardiology, 1981, 48, 93-100.	1.6	10
113	Intramolecular [3 + 2]Cycloaddition Reaction of Dipolar Trimethylenemethane. Chemistry Letters, 2000, 29, 664-665.	1.3	9
114	[3 + 3] Cycloaddition Reaction of Dipolar Trimethylenemethane with Active Methylene Compound. Synlett, 2001, 2001, 1030-1033.	1.8	9
115	Construction of optically active multimetallic systems of rhodium(I), palladium(II), and ruthenium(II) with a P-chiral tetraphosphine ligand. Journal of Organometallic Chemistry, 2009, 694, 97-102.	1.8	9
116	Ironâ€Catalyzed Chemoselective Câ^'N Coupling Reaction: A Protectingâ€Groupâ€Free Amination of Aryl Halides Bearing Amino or Hydroxy Groups. Asian Journal of Organic Chemistry, 2020, 9, 372-376.	2.7	9
117	Iron-Catalyzed Cross-Coupling Reactions Tuned by Bulky Ortho-Phenylene Bisphosphine Ligands. Bulletin of the Chemical Society of Japan, 2021, 94, 1125-1141.	3.2	9
118	Iron promoted conjugate addition: implication of the six-centered mechanism based on the isolation of the iron-enolate intermediate. Chemical Communications, 2012, 48, 12231.	4.1	8
119	Carbozincation of Dipolar Trimethylenemethane. A New Route to Functionalized Organozinc Reagents. Chemistry Letters, 2002, 31, 146-147.	1.3	7
120	Synthesis and Applications of (ONOâ€...Pincer)Ruthâ€Complexâ€Bound Norvalines. Chemistry - an Asian Journal, 2016, 11, 1076-1091.	3.3	7
121	A DFT Study on FeI/FeII/FeIII Mechanism of the Cross-Coupling between Haloalkane and Aryl Grignard Reagent Catalyzed by Iron-SciOPP Complexes. Molecules, 2020, 25, 3612.	3.8	7
122	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol:â€‰ A One-Pot Synthesis of Methylenetetrahydrofurans. Organic Letters, 2004, 6, 3017-3017.	4.6	6
123	Ironâ€Catalyzed anti â€Selective Carbosilylation of Internal Alkynes. Angewandte Chemie, 2017, 129, 13483-13486.	2.0	6
124	Robust Surface Plasmon Resonance Chips for Repetitive and Accurate Analysis of Ligninâ€“Peptide Interactions. ACS Omega, 2018, 3, 7483-7493.	3.5	6
125	Iron-catalyzed Alkylâ€“Alkyl Negishi Coupling of Organoaluminum Reagents. Chemistry Letters, 2019, 48, 238-241.	1.3	6
126	Synthesis of Novel C2 and C1 Symmetric CHIRAPHOS Derivatives and Their Application in Palladium-catalyzed Miyauraâ€“Michael Reaction. Chemistry Letters, 2013, 42, 1035-1037.	1.3	5

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127	Endergonic addition of N-methylamines to aromatic ketones driven by photochemical offset of the entropic cost. Chemical Communications, 2019, 55, 11683-11686.	4.1	5
128	Development of P- and N-Chirogenic Ligands Based on Chiral Induction from a Phosphorus Donor to a Nitrogen Donor in Palladium Complexes. Organometallics, 2020, 39, 1672-1677.	2.3	5
129	Iron-catalysed enantioselective carbometalation of azabicycloalkenes. Chemical Communications, 2021, 57, 6975-6978.	4.1	5
130	Conjugate Addition of Acetal-Derived Benzyl Radicals Generated from Low-Valent Titanium-Mediated Câ€“O Bond Cleavage. Bulletin of the Chemical Society of Japan, 2021, 94, 1258-1260.	3.2	5
131	Mechanistic Study of Silane Alcoholysis Reactions with Self-Assembled Monolayer-Functionalized Gold Nanoparticle Catalysts. Catalysts, 2020, 10, 908.	3.5	4
132	Late-onset type-2 autoimmune pancreatitis with two mass lesions diagnosed by endoscopic ultrasound-guided fine-needle aspiration. Clinical Journal of Gastroenterology, 2021, 14, 899-904.	0.8	4
133	Dimerization Reactions of 2-Bromo-3,5,6-trimethyl-1,4-benzoquinone. Chemistry Letters, 2013, 42, 1531-1533.	1.3	3
134	Specific Inhibitors of Puromycin-Sensitive Aminopeptidase with a 3-(Halogenated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (Phenyl)	0.7	2
135	Synthesis and Structural Analysis of Ruthenium-bound Norvaline Peptides. Chemistry Letters, 2017, 46, 665-668.	1.3	2
136	threo-2-(2,6-Dimethoxyphenoxy)-1-(4-ethoxy-3-methoxyphenyl)propane-1,3-diol. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1389-o1390.	0.2	1
137	Synthesis of Heteroatom-fused Polycyclic Aromatic Compounds via Tandem Hetero-Friedel-Crafts Reactions and Their Applications. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2014, 72, 1391-1397.	0.1	1
138	Cyclopropenone Acetals â€" Synthesis and Reactions. ChemInform, 2003, 34, no.	0.0	0
139	Iron-Catalyzed Regio- and Stereoselective Ring Opening of [2.2.1]- and [3.2.1]Oxabicyclic Alkenes with a Grignard Reagent.. ChemInform, 2003, 34, no.	0.0	0
140	Enantioselective Synthesis of Î±-Substituted Ketones by Asymmetric Addition of Chiral Zinc Enamides to 1-Alkenes.. ChemInform, 2003, 34, no.	0.0	0
141	Indium-Catalyzed Addition of Active Methylene Compounds to 1-Alkynes.. ChemInform, 2004, 35, no.	0.0	0
142	Iron-Catalyzed Cross-Coupling of Primary and Secondary Alkyl Halides with Aryl Grignard Reagents.. ChemInform, 2004, 35, no.	0.0	0
143	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol: A One-Pot Synthesis of Methylenetetrahydrofurans.. ChemInform, 2004, 35, no.	0.0	0
144	?-Alkylation of Ketones by Addition of Zinc Enamides to Unactivated Olefins.. ChemInform, 2005, 36, no.	0.0	0

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