

Masaharu Nakamura

List of Publications by Year in descending order

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155
papers

9,104
citations

34105

52
h-index

45317

90
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210
all docs

210
docs citations

210
times ranked

5029
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-catalysed enantioselective carbometalation of azabicycloalkenes. <i>Chemical Communications</i> , 2021, 57, 6975-6978.	4.1	5
2	Late-onset type-2 autoimmune pancreatitis with two mass lesions diagnosed by endoscopic ultrasound-guided fine-needle aspiration. <i>Clinical Journal of Gastroenterology</i> , 2021, 14, 899-904.	0.8	4
3	Iron-Catalyzed Cross-Coupling Reactions Tuned by Bulky <i>ortho</i> -Phenylene Bisphosphine Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1125-1141.	3.2	9
4	Conjugate Addition of Acetal-Derived Benzyl Radicals Generated from Low-Valent Titanium-Mediated C=O Bond Cleavage. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1258-1260.	3.2	5
5	Gold Nanocluster Functionalized with Peptide Dendron Thiolates: Acceleration of the Photocatalytic Oxidation of an Amino Alcohol in a Supramolecular Reaction Field. <i>ACS Catalysis</i> , 2021, 11, 13180-13187.	11.2	12
6	Iron-Catalyzed Chemoselective C-N Coupling Reaction: A Protecting-Group-Free Amination of Aryl Halides Bearing Amino or Hydroxy Groups. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 372-376.	2.7	9
7	Mechanistic Study of Silane Alcoholysis Reactions with Self-Assembled Monolayer-Functionalized Gold Nanoparticle Catalysts. <i>Catalysts</i> , 2020, 10, 908.	3.5	4
8	A DFT Study on FeI/FeII/FeIII Mechanism of the Cross-Coupling between Haloalkane and Aryl Grignard Reagent Catalyzed by Iron-SciOPP Complexes. <i>Molecules</i> , 2020, 25, 3612.	3.8	7
9	Lesser Omental Panniculitis. <i>Internal Medicine</i> , 2020, 59, 2117-2121.	0.7	0
10	Development of P- and N-Chirogenic Ligands Based on Chiral Induction from a Phosphorus Donor to a Nitrogen Donor in Palladium Complexes. <i>Organometallics</i> , 2020, 39, 1672-1677.	2.3	5
11	Regio- and stereoselective synthesis of 1,4-enynes by iron-catalysed Suzuki-Miyaura coupling of propargyl electrophiles under ligand-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3022-3026.	2.8	16
12	Endergonic addition of <i>N</i> -methylamines to aromatic ketones driven by photochemical offset of the entropic cost. <i>Chemical Communications</i> , 2019, 55, 11683-11686.	4.1	5
13	Iron-catalyzed Alkyl-Alkyl Negishi Coupling of Organoaluminum Reagents. <i>Chemistry Letters</i> , 2019, 48, 238-241.	1.3	6
14	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. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 381-390.	3.2	16
15	Iron-catalysed enantioselective Suzuki-Miyaura coupling of racemic alkyl bromides. <i>Chemical Communications</i> , 2019, 55, 1128-1131.	4.1	56
16	Metalated Amino Acids and Peptides. , 2019, , 75-94.		0
17	Ligand-Free Iron-Catalyzed C-F Amination of Diarylamines: A One-Pot Regioselective Synthesis of Diaryl Dihydrophenazines. <i>Organic Letters</i> , 2019, 21, 461-464.	4.6	20
18	Robust Surface Plasmon Resonance Chips for Repetitive and Accurate Analysis of Lignin-Peptide Interactions. <i>ACS Omega</i> , 2018, 3, 7483-7493.	3.5	6

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19	Metalated Amino Acids and Peptides: A Key Functional Platform for Applications to Controlled Metal Array Fabrication and Supramolecular Catalysts. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1010-1023.	0.1	0
20	Synthesis and Structural Analysis of Ruthenium-bound Norvaline Peptides. <i>Chemistry Letters</i> , 2017, 46, 665-668.	1.3	2
21	Iron-catalyzed Methylation of Arylboron Compounds with Iodomethane. <i>Chemistry Letters</i> , 2017, 46, 711-714.	1.3	14
22	DFT and AFIR Study on the Mechanism and the Origin of Enantioselectivity in Iron-Catalyzed Cross-Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 16117-16125.	13.7	74
23	Iron-Catalyzed <i>anti</i> -Selective Carbosilylation of Internal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13298-13301.	13.8	35
24	Iron-Catalyzed <i>anti</i> -Selective Carbosilylation of Internal Alkynes. <i>Angewandte Chemie</i> , 2017, 129, 13483-13486.	2.0	6
25	Synthesis of Aryl <i>C</i> -Glycosides via Iron-Catalyzed Cross Coupling of Halosugars: Stereoselective Anomeric Arylation of Glycosyl Radicals. <i>Journal of the American Chemical Society</i> , 2017, 139, 10693-10701.	13.7	147
26	Discovery of 12-mer peptides that bind to wood lignin. <i>Scientific Reports</i> , 2016, 6, 21833.	3.3	24
27	ONO-pincer ruthenium complex-bound norvaline for efficient catalytic oxidation of methoxybenzenes with hydrogen peroxide. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7468-7479.	2.8	17
28	Synthesis and Applications of (ONO...Pincer)Ruthenium Complex-Bound Norvalines. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1076-1091.	3.3	7
29	Iron-catalyzed Suzuki-Miyaura Coupling Reaction of Unactivated Alkyl Halides with Lithium Alkynylborates. <i>Chemistry Letters</i> , 2015, 44, 486-488.	1.3	32
30	Investigation of Organoiron Catalysis in Kumada-Tamayo-Corriu-Type Cross-Coupling Reaction Assisted by Solution-Phase X-ray Absorption Spectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 410-418.	3.2	46
31	28.1: <i>Invited Paper</i> : Triplet-Energy Control of PAHs by Heteroatom Incorporation for Development of Efficient Materials for PHOLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 401-403.	0.3	0
32	Iron-Catalyzed Diboration and Carboboration of Alkynes. <i>Chemistry - A European Journal</i> , 2015, 21, 4257-4261.	3.3	103
33	Regio- and stereoselective multisubstituted olefin synthesis via hydro/carboalumination of alkynes and subsequent iron-catalysed cross-coupling reaction with alkyl halides. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1053-1058.	4.5	15
34	Synthesis of 2,7-Disubstituted 5,10-Diaryl-5,10-dihydrophenazines via Iron-Catalyzed Intramolecular Ring-Closing C-H Amination. <i>Heterocycles</i> , 2015, 90, 893.	0.7	16
35	Iron-Catalyzed Enantioselective Cross-Coupling Reactions of β -Chloroesters with Aryl Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2015, 137, 7128-7134.	13.7	182
36	Iron Fluoride/N-Heterocyclic Carbene Catalyzed Cross Coupling between Deactivated Aryl Chlorides and Alkyl Grignard Reagents with or without β -Hydrogens. <i>Synthesis</i> , 2015, 47, 1733-1740.	2.3	35

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37	Construction of a Highly Distorted Benzene Ring in a Double Helicene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14074-14076.	13.8	104
38	Triplet-Energy Control of Polycyclic Aromatic Hydrocarbons by BN Replacement: Development of Ambipolar Host Materials for Phosphorescent Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2014, 26, 6265-6271.	6.7	131
39	Synthesis of Heteroatom-fused Polycyclic Aromatic Compounds via Tandem Hetero-Friedel-Crafts Reactions and Their Applications. <i>Yuki Gosei Kagaku Kyokashii/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1391-1397.	0.1	1
40	Synthesis and Self-Assembly of NCN-Pincer Pd-Complex-Bound Norvalines. <i>Chemistry - A European Journal</i> , 2013, 19, 12356-12375.	3.3	17
41	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. <i>Chemistry - A European Journal</i> , 2013, 19, 9518-9525.	3.3	15
42	Synthesis, Structure, and Function of PCP Pincer Transition-Metal-Complex-Bound Norvaline Derivatives. <i>Synlett</i> , 2013, 24, 1910-1914.	1.8	12
43	Synthesis of Novel C_2 and C_1 Symmetric CHIRAPHOS Derivatives and Their Application in Palladium-catalyzed Miyaura-Michael Reaction. <i>Chemistry Letters</i> , 2013, 42, 1035-1037.	1.3	5
44	Ligand-controlled Iron-catalyzed Cross Coupling of Benzylic Chlorides with Aryl Grignard Reagents. <i>Chemistry Letters</i> , 2013, 42, 183-185.	1.3	34
45	Dimerization Reactions of 2-Bromo-3,5,6-trimethyl-1,4-benzoquinone. <i>Chemistry Letters</i> , 2013, 42, 1531-1533.	1.3	3
46	Specific Inhibitors of Puromycin-Sensitive Aminopeptidase with a 3-(Halogenated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Phenyl)	0.7	2
47	Pd-complex-bound Amino Acid-based Supramolecular Gel Catalyst for Intramolecular Addition-Cyclization of Alkynoic Acids in Water. <i>Chemistry Letters</i> , 2012, 41, 498-500.	1.3	31
48	Synthesis and Supramolecular Association of NCN-Pincer Pd-Complex-bound Norvaline Derivatives toward Fabrication of Controlled Metal Array. <i>Chemistry Letters</i> , 2012, 41, 194-196.	1.3	16
49	Azaboradibenzo[6]helicene: Carrier Inversion Induced by Helical Homochirality. <i>Journal of the American Chemical Society</i> , 2012, 134, 19600-19603.	13.7	231
50	Iron-Catalyzed Aromatic Amination for Nonsymmetrical Triarylamine Synthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 20262-20265.	13.7	67
51	Alkadienyl and alkenyl itaconic acids (ceriporic acids G and H) from the selective white-rot fungus <i>Ceriporiopsis subvermispora</i> : a new class of metabolites initiating ligninolytic lipid peroxidation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6432.	2.8	18
52	Metal array fabrication through self-assembly of Pt-complex-bound amino acids. <i>Chemical Communications</i> , 2012, 48, 3936.	4.1	22
53	Iron-catalysed cross-coupling of halohydrins with aryl aluminium reagents: a protecting-group-free strategy attaining remarkable rate enhancement and diastereoselection. <i>Chemical Communications</i> , 2012, 48, 9376.	4.1	47
54	Iron promoted conjugate addition: implication of the six-centered mechanism based on the isolation of the iron-enolate intermediate. <i>Chemical Communications</i> , 2012, 48, 12231.	4.1	8

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55	Stereospecific Cross-Coupling between Alkenylboronates and Alkyl Halides Catalyzed by Iron-Bisphosphine Complexes. <i>Journal of Organic Chemistry</i> , 2012, 77, 1168-1173.	3.2	102
56	Cross-Coupling of Non-activated Chloroalkanes with Aryl Grignard Reagents in the Presence of Iron-N-Heterocyclic Carbene Catalysts. <i>Organic Letters</i> , 2012, 14, 1066-1069.	4.6	124
57	Iron-Catalyzed Alkyl-Alkyl Suzuki-Miyaura Coupling. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8834-8837.	13.8	164
58	Synthesis of BN-Fused Polycyclic Aromatics via Tandem Intramolecular Electrophilic Arene Borylation. <i>Journal of the American Chemical Society</i> , 2011, 133, 18614-18617.	13.7	284
59	Cross-Coupling Reactions Catalyzed by Iron Group Metals and π -N-Heterocyclic Carbenes via Nonconventional Reaction Mechanisms. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 1282-1298.	0.1	15
60	Iron-catalyzed Chemoselective Cross-coupling of α -Bromocarboxylic Acid Derivatives with Aryl Grignard Reagents. <i>Chemistry Letters</i> , 2011, 40, 1012-1014.	1.3	41
61	Kumada-Tamao-Corriu Coupling of Alkyl Halides Catalyzed by an Iron-Bisphosphine Complex. <i>Chemistry Letters</i> , 2011, 40, 1030-1032.	1.3	86
62	Tandem Phospha-Friedel-Crafts Reaction toward Curved π -Conjugated Frameworks with a Phosphorus Ring Junction. <i>Organic Letters</i> , 2011, 13, 2130-2133.	4.6	68
63	Diastereoselective Carbometalation of Oxa- and Azabicyclic Alkenes under Iron Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 454-457.	13.8	80
64	Tuning Chemoselectivity in Iron-Catalyzed Sonogashira-Type Reactions Using a Bisphosphine Ligand with Peripheral Steric Bulk: Selective Alkynylation of Nonactivated Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10973-10976.	13.8	139
65	Back Cover: Tuning Chemoselectivity in Iron-Catalyzed Sonogashira-Type Reactions Using a Bisphosphine Ligand with Peripheral Steric Bulk: Selective Alkynylation of Nonactivated Alkyl Halides (<i>Angew. Chem. Int. Ed.</i> 46/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11012-11012.	13.8	0
66	The first iron-catalysed aluminium-variant Negishi coupling: critical effect of co-existing salts on the dynamic equilibrium of arylaluminium species and their reactivity. <i>Chemical Communications</i> , 2010, 46, 6054.	4.1	80
67	Transition-Metal-Free Electrophilic Amination between Aryl Grignard Reagents and π -Chloroamines. <i>Organic Letters</i> , 2010, 12, 1516-1519.	4.6	108
68	Nickel-Catalyzed Alkenylative Cross-Coupling Reaction of Alkyl Sulfides. <i>Journal of the American Chemical Society</i> , 2010, 132, 13117-13119.	13.7	45
69	Iron-Catalyzed Suzuki-Miyaura Coupling of Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2010, 132, 10674-10676.	13.7	298
70	Iron-catalysed Suzuki coupling? A cautionary tale. <i>Tetrahedron Letters</i> , 2009, 50, 6110-6111.	1.4	71
71	Construction of optically active multimetallic systems of rhodium(I), palladium(II), and ruthenium(II) with a P-chiral tetraphosphine ligand. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 97-102.	1.8	9
72	Highly Selective Biaryl Cross-Coupling Reactions between Aryl Halides and Aryl Grignard Reagents: A New Catalyst Combination of π -Heterocyclic Carbenes and Iron, Cobalt, and Nickel Fluorides. <i>Journal of the American Chemical Society</i> , 2009, 131, 11949-11963.	13.7	298

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73	Effect of TMEDA on Iron-Catalyzed Coupling Reactions of ArMgX with Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2009, 131, 6078-6079.	13.7	216
74	Iron-Catalyzed Cross-Coupling of Alkyl Sulfonates with Arylzinc Reagents. <i>Organic Letters</i> , 2009, 11, 4306-4309.	4.6	92
75	Iron-Catalyzed Negishi Coupling Toward an Effective Olefin Synthesis. <i>Organic Letters</i> , 2009, 11, 4496-4499.	4.6	86
76	Indium-Catalyzed [1 + n] Annulation Reaction between β -Ketoester and α,ω -Diyne. <i>Organic Letters</i> , 2009, 11, 1845-1847.	4.6	25
77	Iron-catalysed fluoroaromatic coupling reactions under catalytic modulation with 1,2-bis(diphenylphosphino)benzene. <i>Chemical Communications</i> , 2009, , 1216.	4.1	94
78	threo-2-(2,6-Dimethoxyphenoxy)-1-(4-ethoxy-3-methoxyphenyl)propane-1,3-diol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1389-o1390.	0.2	1
79	Stereoselective Synthesis of Trisubstituted E-Iodoalkenes by Indium-Catalyzed syn-Addition of 1,3-Dicarbonyl Compounds to 1-Iodoalkynes. <i>Organic Letters</i> , 2008, 10, 1219-1221.	4.6	44
80	Efficient Formation of Ring Structures Utilizing Multisite Activation by Indium Catalysis. <i>Journal of the American Chemical Society</i> , 2008, 130, 17161-17167.	13.7	108
81	Diastereoselective Addition of Zincated Hydrazones to Alkenylboronates and Stereospecific Trapping of Boron/Zinc Bimetallic Intermediates by Carbon Electrophiles. <i>Journal of the American Chemical Society</i> , 2008, 130, 15688-15701.	13.7	28
82	Construction of a Chiral Quaternary Carbon Center by Indium-Catalyzed Asymmetric α -Alkenylation of β -Ketoesters. <i>Journal of the American Chemical Society</i> , 2008, 130, 4492-4496.	13.7	72
83	Iron-Catalyzed Enyne Cross-Coupling Reaction. <i>Organic Letters</i> , 2008, 10, 5341-5344.	4.6	91
84	Iron-Catalyzed Selective Biaryl Coupling: Remarkable Suppression of Homocoupling by the Fluoride Anion. <i>Journal of the American Chemical Society</i> , 2007, 129, 9844-9845.	13.7	281
85	Indium-Catalyzed α -Alkenylation of 1,3-Dicarbonyl Compounds with Unactivated Alkynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 5264-5271.	13.7	110
86	Indium-Catalyzed Cycloisomerization of α,ω -Alkynyl β -Ketoesters into Six- to Fifteen-Membered Rings. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8060-8062.	13.8	88
87	Regioselective α -alkylation of ketones with alkyl chlorides and fluorides via highly nucleophilic magnesium enamides. <i>Tetrahedron</i> , 2007, 63, 8440-8448.	1.9	12
88	2,3-Disubstituted Benzofuran and Indole by Copper-Mediated C-C Bond Extension Reaction of 3-Zincobenzoheterole. <i>Organic Letters</i> , 2006, 8, 2803-2805.	4.6	154
89	Indium-catalyzed addition of carbon units to acetylenes: Development of a new C-C bond formation toward exploitation of chemical resources. <i>Pure and Applied Chemistry</i> , 2006, 78, 425-434.	1.9	15
90	3-Zincobenzofuran and 3-Zincoidole: Versatile Tools for the Construction of Conjugated Structures Containing Multiple Benzoheterole Units. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 944-947.	13.8	136

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91	Synthesis of Chiral $\hat{\pm}$ -Fluoroketones through Catalytic Enantioselective Decarboxylation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7248-7251.	13.8	200
92	A Modular Approach to $\hat{\pm}$ -Arylated Carbonyl Compounds via Indium Tris(bistriflylamide)-Catalyzed Regioselective Addition of $\hat{2}$ -Ketoesters to 1,3-Diynes. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1681-1686.	4.3	33
93	$\hat{2}$ -Alkylation of Ketones by Addition of Zinc Enamides to Unactivated Olefins.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
94	Sequential Coupling of Zincated Hydrazone, Alkenylboronate, and Electrophile that Creates Several Contiguous Stereogenic Centers.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
95	Stereoselective Synthesis of Tetra-Substituted Olefins via Addition of Zinc Enolates to Unactivated Alkynes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
96	Acceleration of Reaction by Microwave Irradiation. <i>ChemInform</i> , 2005, 36, no.	0.0	0
97	Indium Triflate Catalyzed Vinylation of $\hat{2}$ -Ketoesters with Acetylene Gas.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
98	Iron-Catalyzed Chemoselective Cross-Coupling of Primary and Secondary Alkyl Halides with Arylzinc Reagents.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
99	Acceleration of Reaction by Microwave Irradiation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2005, 63, 523-538.	0.1	21
100	Iron-Catalyzed Chemoselective Cross-Coupling of Primary and Secondary Alkyl Halides with Arylzinc Reagents. <i>Synlett</i> , 2005, 2005, 1794-1798.	1.8	159
101	Alkylation of Magnesium Enamide with Alkyl Chlorides and Fluorides. <i>Journal of the American Chemical Society</i> , 2005, 127, 14192-14193.	13.7	44
102	Indium Triflate-Catalyzed Vinylation of $\hat{2}$ -Ketoesters with Acetylene Gas. <i>Organic Letters</i> , 2005, 7, 3279-3281.	4.6	63
103	Iron-Catalyzed Cross-Coupling of Primary and Secondary Alkyl Halides with Aryl Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2004, 126, 3686-3687.	13.7	493
104	Indium-Catalyzed Addition of Active Methylene Compounds to 1-Alkynes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
105	Iron-Catalyzed Cross-Coupling of Primary and Secondary Alkyl Halides with Aryl Grignard Reagents.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
106	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol: A One-Pot Synthesis of Methylenetetrahydrofurans.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
107	Mechanism and Ligand-Transfer Selectivity of 1,2-Addition of Organozincate Complexes to Aldehyde. <i>Journal of the American Chemical Society</i> , 2004, 126, 10897-10903.	13.7	54
108	Sequential Coupling of Zincated Hydrazone, Alkenylboronate, and Electrophile That Creates Several Contiguous Stereogenic Centers. <i>Journal of the American Chemical Society</i> , 2004, 126, 14344-14345.	13.7	33

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109	$\hat{\text{I}}\pm$ -Alkylation of Ketones by Addition of Zinc Enamides to Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2004, 126, 11820-11825.	13.7	50
110	Stereoselective Synthesis of Tetra-Substituted Olefins via Addition of Zinc Enolates to Unactivated Alkynes. <i>Organic Letters</i> , 2004, 6, 4837-4840.	4.6	44
111	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol: A One-Pot Synthesis of Methylenetetrahydrofurans. <i>Organic Letters</i> , 2004, 6, 3017-3017.	4.6	6
112	Zn(II)/Amine-Catalyzed Coupling Reaction of Alkylidenemalonates with Propargyl Alcohol: A One-Pot Synthesis of Methylenetetrahydrofurans. <i>Organic Letters</i> , 2004, 6, 2015-2017.	4.6	64
113	Reaction Pathways of the Simmons-Smith Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 2341-2350.	13.7	99
114	Cyclopropanone Acetals' Synthesis and Reactions. <i>ChemInform</i> , 2003, 34, no.	0.0	0
115	Iron-Catalyzed Regio- and Stereoselective Ring Opening of [2.2.1]- and [3.2.1]Oxabicyclic Alkenes with a Grignard Reagent. <i>ChemInform</i> , 2003, 34, no.	0.0	0
116	Enantioselective Synthesis of $\hat{\text{I}}\pm$ -Substituted Ketones by Asymmetric Addition of Chiral Zinc Enamides to 1-Alkenes. <i>ChemInform</i> , 2003, 34, no.	0.0	0
117	Cyclopropanone Acetals Synthesis and Reactions. <i>Chemical Reviews</i> , 2003, 103, 1295-1326.	47.7	178
118	Indium-Catalyzed Addition of Active Methylene Compounds to 1-Alkynes. <i>Journal of the American Chemical Society</i> , 2003, 125, 13002-13003.	13.7	142
119	Enantioselective Synthesis of $\hat{\text{I}}\pm$ -Substituted Ketones by Asymmetric Addition of Chiral Zinc Enamides to 1-Alkenes. <i>Journal of the American Chemical Society</i> , 2003, 125, 6362-6363.	13.7	56
120	Iron-Catalyzed Regio- and Stereoselective Ring Opening of [2.2.1]- and [3.2.1]Oxabicyclic Alkenes with a Grignard Reagent. <i>Organic Letters</i> , 2003, 5, 1373-1375.	4.6	103
121	Carbozincation of Dipolar Trimethylenemethane. A New Route to Functionalized Organozinc Reagents. <i>Chemistry Letters</i> , 2002, 31, 146-147.	1.3	7
122	Regioselective Allylzincation of Alkenylboronate. <i>Organic Letters</i> , 2001, 3, 3137-3140.	4.6	33
123	[2+2]-Cycloaddition Reaction of Styrene Derivatives Using an Fe(III) Salt Catalyst. <i>Chemistry Letters</i> , 2001, 30, 624-625.	1.3	41
124	Synthesis of substituted cyclopropanone acetals by carbometallation and its oxidative cleavage with manganese(IV) oxide and lead(IV) oxide. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 300-306.	1.8	18
125	[3 + 3] Cycloaddition Reaction of Dipolar Trimethylenemethane with Active Methylene Compound. <i>Synlett</i> , 2001, 2001, 1030-1033.	1.8	9
126	Intramolecular [3 + 2]Cycloaddition Reaction of Dipolar Trimethylenemethane. <i>Chemistry Letters</i> , 2000, 29, 664-665.	1.3	9

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127	Correlation of Reactivities of Organocuprate(I) and Zincate(II) with d-Orbital Energies of Ate Complexes. <i>Tetrahedron</i> , 2000, 56, 2805-2809.	1.9	53
128	Iron-Catalyzed Olefin Carbometalation. <i>Journal of the American Chemical Society</i> , 2000, 122, 978-979.	13.7	229
129	Mechanism of Addition of Allylmetal to Vinylmetal. Dichotomy between Metallo α^2 Ene Reaction and Metallo α^2 -Claisen Rearrangement. <i>Journal of the American Chemical Society</i> , 2000, 122, 11791-11798.	13.7	41
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