Makoto Yasuda

List of Publications by Citations

193 papers	4,224 citations	35 h-index	54 g-index
280 ext. papers	4,868 ext. citations	5.6 avg, IF	5.6 L-index

#	Paper	IF	Citations
193	Direct carbon-carbon bond formation from alcohols and active methylenes, alkoxyketones, or indoles catalyzed by indium trichloride. *Angewandte Chemie - International Edition*, **2006**, 45, 793-6	16.4	268
192	Direct reduction of alcohols: highly chemoselective reducing system for secondary or tertiary alcohols using chlorodiphenylsilane with a catalytic amount of indium trichloride. *Journal of Organic Chemistry*, **2001**, 66, 7741-4	4.2	164
191	Direct substitution of the hydroxy group in alcohols with silyl nucleophiles catalyzed by indium trichloride. *Angewandte Chemie - International Edition*, **2004**, 43, 1414-6	16.4	141
190	Direct coupling reaction between alcohols and silyl compounds: enhancement of Lewis acidity of Me3SiBr using InCl3. *Journal of Organic Chemistry*, **2006**, 71, 8516-22	4.2	133
189	In Situ Observation of Nonequilibrium Local Heating as an Origin of Special Effect of Microwave on Chemistry. *Journal of Physical Chemistry C*, **2010**, 114, 8965-8970	3.8	102
188	Indium-catalyzed direct chlorination of alcohols using chlorodimethylsilane-benzil as a selective and mild system. *Journal of the American Chemical Society*, **2004**, 126, 7186-7	16.4	79
187	Catalytic generation of indium hydride in a highly diastereoselective reductive aldol reaction. *Angewandte Chemie - International Edition*, **2004**, 43, 711-4	16.4	78
186	Direct Carbon□arbon Bond Formation from Alcohols and Active Methylenes, Alkoxyketones, or Indoles Catalyzed by Indium Trichloride. *Angewandte Chemie*, **2006**, 118, 807-810	3.6	77
185	Cross-coupling reaction of alpha-chloroketones and organotin enolates catalyzed by zinc halides for synthesis of gamma-diketones. *Journal of the American Chemical Society*, **2002**, 124, 7440-7	16.4	74
184	Practical and simple synthesis of substituted quinolines by an HCl-DMSO system on a large scale: remarkable effect of the chloride ion. *Journal of Organic Chemistry*, **2006**, 71, 800-3	4.2	71
183	Regio- and stereoselective generation of alkenylindium compounds from indium tribromide, alkynes, and ketene silyl acetals. *Angewandte Chemie - International Edition*, **2009**, 48, 4577-80	16.4	67
182	Indium(III) Chloride/Chlorotrimethylsilane as a Highly Active Lewis Acid Catalyst System for the Sakurai□Hosomi Reaction. *European Journal of Organic Chemistry*, **2002**, 2002, 1578-1581	3.2	64
181	Direct conversion of carbonyl compounds into organic halides: indium(III) hydroxide-catalyzed deoxygenative halogenation using chlorodimethylsilane. *Journal of the American Chemical Society*, **2002**, 124, 13690-1	16.4	61
180	Synthesis and Characterization of Dibenzo[a,f]pentalene: Harmonization of the Antiaromatic and Singlet Biradical Character. *Journal of the American Chemical Society*, **2017**, 139, 15284-15287	16.4	57
179	Solvent-controlled addition of alkynyltins or allylic tins to aldehydes catalyzed by indium trichloride. *Tetrahedron Letters*, **1995**, 36, 9497-9500	2	55
178	Diastereoselective addition of gamma-substituted allylic nucleophiles to ketones: highly stereoselective synthesis of tertiary homoallylic alcohols using an allylic tributylstannane/stannous chloride system. *Journal of the American Chemical Society*, **2002**, 124, 13442-7	16.4	54
177	Preparation of a novel indium hydride and application to practical organic synthesis. *Tetrahedron Letters*, **1998**, 39, 1929-1932	2	53

176	Esters as acylating reagent in a Friedel-Crafts reaction: indium tribromide catalyzed acylation of arenes using dimethylchlorosilane. *Journal of Organic Chemistry*, **2008**, 73, 9465-8	4.2	52
175	Direct coupling of alcohols with alkenylsilanes catalyzed by indium trichloride or bismuth tribromide. *Chemical Communications*, **2008**, 6396-8	5.8	50
174	Open-Shell and Antiaromatic Character Induced by the Highly Symmetric Geometry of the Planar Heptalene Structure: Synthesis and Characterization of a Nonalternant Isomer of Bisanthene. *Journal of the American Chemical Society*, **2019**, 141, 10165-10170	16.4	47
173	In- or In(I)-employed tailoring of the stereogenic centers in the Reformatsky-type reactions of simple ketones, alpha-alkoxy ketones, and beta-keto esters. *Journal of Organic Chemistry*, **2005**, 70, 10408-19	4.2	47
172	Direct Substitution of the Hydroxy Group in Alcohols with Silyl Nucleophiles Catalyzed by Indium Trichloride. *Angewandte Chemie*, **2004**, 116, 1438-1440	3.6	47
171	Alpha-alkylation of carbonyl compounds by direct addition of alcohols to enol acetates. *Angewandte Chemie - International Edition*, **2009**, 48, 9131-4	16.4	45
170	Remarkable enhancement of Lewis acidity of chlorosilane by the combined use of indium(III) chloride. *Tetrahedron*, **2002**, 58, 8227-8235	2.4	45
169	Synthesis of 1,4-Dicarbonyl Compounds from Silyl Enol Ethers and Bromocarbonyls, Catalyzed by an Organic Dye under Visible-Light Irradiation with Perfect Selectivity for the Halide Moiety over the Carbonyl Group. *Organic Letters*, **2016**, 18, 5704-5707	6.2	43
168	Synthesis of a wide range of thioethers by indium triiodide catalyzed direct coupling between alkyl acetates and thiosilanes. *Organic Letters*, **2012**, 14, 1846-9	6.2	41
167	Isolation and Characterization of a Nucleophilic Allylic Indium Reagent. *Organometallics*, **2009**, 28, 1998-2000	3.8	40
166	Coupling reaction of alkyl chlorides with silyl enolates catalyzed by indium trihalide. *Organic Letters* , **2007**, 9, 4931-4	6.2	40
165	NMR Studies of Five-Coordinate Tin Enolate: An Efficient Reagent for Halo Selective Reaction toward .alpha.-Halo Ketone or .alpha.-Halo Imine. *Journal of Organic Chemistry*, **1994**, 59, 4386-4392	4.2	40
164	Michael addition of stannyl ketone enolate to alpha,beta-unsaturated esters catalyzed by tetrabutylammonium bromide and an ab initio theoretical study of the reaction course. *Journal of the American Chemical Society*, **2003**, 125, 7291-300	16.4	39
163	Selective reduction of acid chloride with a catalytic amount of an indium compound. *Tetrahedron Letters*, **2000**, 41, 113-116	2	39
162	Regioselective carboindation of simple alkenes with indium tribromide and ketene silyl acetals. *Organic Letters*, **2010**, 12, 3390-3	6.2	37
161	InCl3/I2-catalyzed cross-coupling of alkyl trimethylsilyl ethers and allylsilanes via an in situ derived combined Lewis acid of InCl3 and Me3SiI. *Journal of Organic Chemistry*, **2007**, 72, 8588-90	4.2	37
160	Highly Controlled Chemoselectivity of Tin Enolate by Its Hybridization State. Anionic Complex of Tin Enolate Coordinated by Tetrabutylammonium Bromide as Halo Selective Reagent. *Journal of the American Chemical Society*, **1998**, 120, 715-721	16.4	37
159	In(III)-mediated chemoselective dehydrogenative interaction of ClMe(2)SiH with carboxylic acids: direct chemo- and regioselective Friedel-Crafts acylation of aromatic ethers. *Organic Letters*, **2007**, 9, 405-8	6.2	35

158	Cage-shaped borate esters with enhanced Lewis acidity and catalytic activity. *Organic Letters*, **2006**, 8, 761-4	6.2	35
157	Indium triiodide catalyzed reductive functionalization of amides via the single-stage treatment of hydrosilanes and organosilicon nucleophiles. *Organic Letters*, **2013**, 15, 3452-5	6.2	33
156	Indium tribromide catalyzed cross-Claisen condensation between carboxylic acids and ketene silyl acetals using alkoxyhydrosilanes. *Angewandte Chemie - International Edition*, **2011**, 50, 8623-5	16.4	33
155	InCl3/Me3SiBr-catalyzed direct coupling between silyl ethers and enol acetates. *Organic Letters*, **2011**, 13, 2762-5	6.2	33
154	Characterization of the Nucleophilic Allylindium Species Generated from Allyl Bromide and Indium(0) in Aqueous Media. *European Journal of Organic Chemistry*, **2010**, 2010, 5359-5363	3.2	33
153	The reductive amination of aldehydes and ketones by catalytic use of dibutylchlorotin hydride complex. *Chemical Communications*, **2006**, 4189-91	5.8	33
152	In- or in(I)-employed diastereoselective Reformatsky-type reactions with ketones: 1H NMR investigations on the active species. *Organic Letters*, **2004**, 6, 4475-8	6.2	32
151	Enhancement of Antiaromatic Character via Additional Benzoannulation into Dibenzo[a, f]pentalene: Syntheses and Properties of Benzo[a]naphtho[2,1- f]pentalene and Dinaphtho[2,1- a, f]pentalene. *Journal of the American Chemical Society*, **2019**, 141, 560-571	16.4	31
150	Bu2SnIH-promoted proximal bond cleavage of methylenecyclopropanes and successive radical cyclization and/or Pd-catalyzed coupling reaction. *Journal of the American Chemical Society*, **2008**, 130, 2912-3	16.4	30
149	High chelation control of three contiguous stereogenic centers in the Reformatsky reactions of indium enolates with alpha-hydroxy ketones: unexpected stereochemistry of lactone formation. *Organic Letters*, **2006**, 8, 3029-32	6.2	30
148	Indium compound-catalyzed deoxygenative allylation of aromatic ketones by a hydrosilane□allylsilane system. *Tetrahedron Letters*, **2000**, 41, 2425-2428	2	30
147	Regio- and stereoselective carbobismuthination of alkynes. *Angewandte Chemie - International Edition*, **2012**, 51, 1051-4	16.4	29
146	Isolation and Crystallographic Characterization of Allylindium Species Generated from Allyl Halide and Indium(0). *European Journal of Organic Chemistry*, **2009**, 2009, 5513-5517	3.2	29
145	Hydroindation of allenes and its application to radical cyclization. *Organic and Biomolecular Chemistry*, **2008**, 6, 1949-54	3.9	29
144	Reaction of alcohols and silyl ethers in the presence of an indium/silicon-based catalyst system: Deoxygenation and allyl substitution. *Pure and Applied Chemistry*, **2008**, 80, 845-854	2.1	29
143	An ab Initio Computational Study on the Reaction of Organotin Enolates: Comparison of Highly Coordinated Tin Reagent with Noncoordinated Reagent. *Journal of the American Chemical Society*, **2000**, 122, 7549-7555	16.4	29
142	Indium chloride catalyzed alkylative rearrangement of propargylic acetates using alkyl chlorides, alcohols, and acetates: facile synthesis of □alkyl-□unsaturated carbonyl compounds. *Organic Letters*, **2014**, 16, 1176-9	6.2	28
141	Carbogallation of alkynes using gallium tribromide and silyl ketene acetals and synthetic application to cross-coupling with aryl iodides. *Chemistry - A European Journal*, **2011**, 17, 11135-8	4.8	27

140	Allylic tantalums as highly imine-selective reagents. *Journal of Organic Chemistry*, **2004**, 69, 2185-7	4.2	27
139	Diastereoselective production of homoallylic alcohols bearing quaternary centers from gamma-substituted allylic indiums and ketones. *Journal of Organic Chemistry*, **2007**, 72, 10264-7	4.2	26
138	Allylation of Unactivated Ketones by Tetraallyltin Accelerated by Phenol. Application to Asymmetric Allylation Using a Tetraallyltin-BINOL System. *Chemistry Letters*, **1998**, 27, 743-744	1.7	26
137	Construction of Polycyclic □Conjugated Systems Incorporating an Azulene Unit Following the Oxidation of 1,8-Diphenyl-9,10-bis(phenylethynyl)phenanthrene. *Chemistry - A European Journal*, **2018**, 24, 8548-8552	4.8	25
136	Gallium tribromide catalyzed coupling reaction of alkenyl ethers with ketene silyl acetals. *Angewandte Chemie - International Edition*, **2012**, 51, 8073-6	16.4	25
135	Indium Triiodide (InI3)-Catalyzed Allylation of Carbonyl Compounds by Allylic Tins. *Synlett*, **1997**, 1997, 699-700	2.2	25
134	Generation of allylic indium by hydroindation of 1,3-dienes and one-pot reaction with carbonyl compounds. *Organic Letters*, **2006**, 8, 4553-6	6.2	25
133	The First Michael Addition of Metal Ketone Enolates to □Unsaturated Esters under Catalytic Conditions: Tin Enolate with a Catalytic Amount of Tetrabutylammonium Bromide. *Journal of Organic Chemistry*, **1999**, 64, 2180-2181	4.2	25
132	Facile control of regioselectivity in the reaction of tin enolates with □halogeno carbonyls by additives. *Journal of the Chemical Society Perkin Transactions 1*, **1993**, 859-865		25
131	Recognition of aromatic compounds by □pocket within a cage-shaped borate catalyst. *Angewandte Chemie - International Edition*, **2012**, 51, 3867-70	16.4	24
130	Selective oxymetalation of terminal alkynes 6- cyclization: mechanistic investigation and application to the efficient synthesis of 4-substituted isocoumarins. *Chemical Science*, **2018**, 9, 6041-6052	9.4	23
129	Cage-shaped borate esters with tris(2-oxyphenyl)methane or -silane system frameworks bearing multiple tuning factors: geometric and substituent effects on their Lewis acid properties. *Chemistry - A European Journal*, **2011**, 17, 3856-67	4.8	23
128	Microwave-Irradiated Transition-Metal Catalysis: Rapid and Efficient Dehydrative Carbon-Carbon Coupling of Alcohols with Active Methylenes. *Synthesis*, **2008**, 2008, 1717-1724	2.9	23
127	Breathing New Life into Nonalternant Hydrocarbon Chemistry: Syntheses and Properties of Polycyclic Hydrocarbons Containing Azulene, Pentalene, and Heptalene Frameworks. *Chemistry Letters*, **2021**, 50, 195-212	1.7	23
126	Radical Coupling of Iodocarbonyl Compounds with Butenylindium Generated by Transmetalation between Cyclopropylmethylstannane and Indium Halides. *Organometallics*, **2009**, 28, 132-139	3.8	22
125	Regio- and Stereoselective Generation of Alkenylindium Compounds from Indium Tribromide, Alkynes, and Ketene Silyl Acetals. *Angewandte Chemie*, **2009**, 121, 4647-4650	3.6	21
124	Indium-catalyzed coupling reaction between silyl enolates and alkyl chlorides or alkyl ethers. *Tetrahedron*, **2009**, 65, 5462-5471	2.4	21
123	Synthesis of 1,4-Diketones: Unusual Coupling of Tin Enolates with alpha-Chloro Ketones Catalyzed by Zinc Halides. *Journal of Organic Chemistry*, **1997**, 62, 8282-8283	4.2	20

122	Direct chlorination of alcohols with chlorodimethylsilane catalyzed by a gallium trichloride/tartrate system under neutral conditions. *Organic and Biomolecular Chemistry*, **2008**, 6, 2790-5	3.9	20
121	One-pot synthesis of nitrogen heterocycles initiated by regio- and diastereoselective carbon-carbon bond formation of bifunctional carbonyl compounds. *Journal of the American Chemical Society*, **2004**, 126, 466-7	16.4	20
120	Regioselective Synthesis of 5-Metalated 2-Pyrones by Intramolecular Oxymetalation of Carbonyl-ene-yne Compounds Using Indium Trihalide. *Journal of Organic Chemistry*, **2019**, 84, 14330-14341	4.2	19
119	Zn(II) chloride-catalyzed direct coupling of various alkynes with acetals: facile and inexpensive access to functionalized propargyl ethers. *Chemical Communications*, **2013**, 49, 11620-2	5.8	19
118	Direct use of esters in the Mukaiyama aldol reaction: a powerful and convenient alternative to aldehydes. *Organic Letters*, **2012**, 14, 1168-71	6.2	19
117	Direct synthesis of alkynylstannanes: ZnBr2 catalyst for the reaction of tributyltin methoxide and terminal alkynes. *Angewandte Chemie - International Edition*, **2011**, 50, 10393-6	16.4	19
116	Fine-tuning of boron complexes with cage-shaped ligand geometry: rational design of triphenolic ligand as a template for structure control. *Organic Letters*, **2008**, 10, 929-32	6.2	19
115	Allylic tin(IV)-tin(II) chloride-acetonitrile as a novel system for allylation of carbonyls or imines. *Tetrahedron Letters*, **1996**, 37, 5951-5954	2	19
114	Cyclopropylmethylation of benzylic and allylic chlorides with cyclopropylmethylstannane catalyzed by gallium or indium halide. *Organic Letters*, **2010**, 12, 1520-3	6.2	18
113	Photoredox-Catalyzed C-F Bond Allylation of Perfluoroalkylarenes at the Benzylic Position. *Journal of the American Chemical Society*, **2021**, 143, 9308-9313	16.4	18
112	Diastereoselective Construction of 3-Aminooxindoles with Adjacent Stereocenters: Stereocontrolled Addition of α-Substituted Allylindiums to Isatin Ketimines. *European Journal of Organic Chemistry*, **2015**, 2015, 4168-4189	3.2	17
111	InCl3/Me3SiCl-catalyzed direct Michael addition of enol acetates to β,γ-unsaturated ketones. *Organic Letters*, **2012**, 14, 5788-91	6.2	17
110	Chelation-controlled diastereoselective construction of N-aryl-, N-acyl/tosylhydrazono α-substituted aspartate derivatives via Barbier-type reaction. *Tetrahedron*, **2013**, 69, 6598-6611	2.4	17
109	Indium Tribromide Catalyzed Coupling Reaction of Enol Ethers with Silyl Ketene Imines toward the Synthesis of β,γ-Unsaturated Nitriles. *Chemistry - A European Journal*, **2015**, 21, 18301-8	4.8	16
108	A new type of allylation: synthesis of β,γ-unsaturated ketones from α-halogenated aryl ketones using an allyltributyltin(IV)-tin(II) dichloride-acetonitrile system. *Chemical Communications*, **1998**, 563-564	5.8	16
107	Allylation of Carbonyl Compounds Bearing a Hydroxyl Group by Tetraallyltin: Highly Stereoselective Allylation in a Chelation-Controlled Manner. *Journal of Organic Chemistry*, **1998**, 63, 6401-6404	4.2	16
106	Indium-Mediated Addition of α-Substituted Allylic Halides to N-Aryl α-Imino Esters: Diastereoselective Production of β,γ-Disubstituted α-Amino Acid Derivatives with Two Contiguous Stereocenters. *European Journal of Organic Chemistry*, **2012**, 2012, 4395-4411	3.2	15
105	Regio- and Stereoselective Anti-Carbozincation of Alkynyl Ethers Using ZnBr toward (Z)-β-Zincated Enol Ether Synthesis. *Organic Letters*, **2017**, 19, 3927-3930	6.2	14

104	InI3/Me3SiI-catalyzed Direct Alkylation of Enol Acetates Using Alkyl Acetates or Alkyl Ethers. *Chemistry Letters*, **2011**, 40, 1223-1225	1.7	14
103	Indium Triiodide Catalyzed Direct Hydroallylation of Esters. *European Journal of Organic Chemistry*, **2010**, 2010, 3382-3386	3.2	14
102	Reductive cross-aldol reaction using bromoaldehyde and an aldehyde mediated by germanium(II): one-pot, large-scale protocol. *Organic Letters*, **2005**, 7, 1845-8	6.2	14
101	Coupling Reaction of Enol Derivatives with Silyl Ketene Acetals Catalyzed by Gallium Trihalides. *Chemistry - A European Journal*, **2016**, 22, 11837-45	4.8	13
100	Synthesis and theoretical studies of gallium complexes back-shielded by a cage-shaped framework of tris(m-oxybenzyl)arene. *Chemical Communications*, **2010**, 46, 4794-6	5.8	13
99	Microwave-Assisted Synthesis of Monodisperse Nickel Nanoparticles Using a Complex of Nickel Formate with Long-Chain Amine Ligands. *Bulletin of the Chemical Society of Japan*, **2009**, 82, 1044-1051	5.1	13
98	Highly stereoselective addition to alkoxy or hydroxyketones using an □stannyl ester□stannous chloride system in achelation-controlled manner. *Chemical Communications*, **2001**, 157-158	5.8	13
97	Photoredox □Allylation of □Halocarbonyls with Allylboron Compounds Accelerated by Fluoride Salts under Visible Light Irradiation. *Asian Journal of Organic Chemistry*, **2016**, 5, 179-182	3	12
96	Gallium Tribromide Catalyzed Coupling Reaction of Alkenyl Ethers with Ketene Silyl Acetals. *Angewandte Chemie*, **2012**, 124, 8197-8200	3.6	12
95	Diastereoselective reductive aldol reaction of enones to ketones catalyzed by halogenotin hydride. *Chemistry - A European Journal*, **2010**, 16, 13335-8	4.8	12
94	Germanium(II)-mediated reductive Mannich-type reaction of alpha-bromoketones to N-alkylimines. *Angewandte Chemie - International Edition*, **2008**, 47, 6620-3	16.4	12
93	Tuning Lewis Acidity by a Transannular p -□ Interaction between Boron and Silicon/Germanium Atoms Supported by a Cage-Shaped Framework. *Chemistry - A European Journal*, **2017**, 23, 5219-5223	4.8	11
92	Synthesis of alkylbismuths by regiodivergent carbobismuthination of simple alkenes. *Chemistry - A European Journal*, **2013**, 19, 14411-5	4.8	11
91	Synthesis of Cyclopropane-Containing Phosphorus Compounds by Radical Coupling of Butenylindium with Iodo Phosphorus Compounds. *European Journal of Organic Chemistry*, **2011**, 2011, 2163-2171	3.2	11
90	Highly stereoselective synthesis of vicinal diols by stannous chloride-mediated addition of hydroxyallylic stannanes to aldehydes. *Tetrahedron Letters*, **2009**, 50, 3209-3212	2	11
89	Catalytic Generation of Indium Hydride in a Highly Diastereoselective Reductive Aldol Reaction. *Angewandte Chemie*, **2004**, 116, 729-732	3.6	11
88	Control of Both Syn and Anti Stereoselectivity in Michael Additions of Organotin Enolates. *Journal of Organic Chemistry*, **1998**, 63, 1334-1336	4.2	11
87	C -Symmetric Boron Lewis Acid with a Cage-Shape for Chiral Molecular Recognition and Asymmetric Catalysis. *Chemistry - A European Journal*, **2017**, 23, 1273-1277	4.8	10

86	Synthesis, characterization, and properties of a benzofuran-based cage-shaped borate: photo activation of Lewis acid catalysts. *Chemical Communications*, **2016**, 52, 3348-51	5.8	10
85	Recognition of Aromatic Compounds by Pocket within a Cage-Shaped Borate Catalyst. *Angewandte Chemie*, **2012**, 124, 3933-3936	3.6	10
84	Stereoselective synthesis of vicinal diols by the stannous chloride-mediated reaction of unprotected hydroxyallylic stannane with carbonyl compounds. *Tetrahedron*, **2009**, 65, 9569-9574	2.4	10
83	Indium-Silicon Combined Lewis Acid Catalyst for Direct Allylation of Alcohols with Allyltrimethylsilane in Non-Halogenated Solvent. *Synlett*, **2005**, 2005, 1737-1739	2.2	10
82	Regio- and Stereoselective Carboindation of Internal Alkynyl Ethers with Organosilicon or -stannane Nucleophiles. *Journal of Organic Chemistry*, **2019**, 84, 13345-13363	4.2	9
81	Synthesis of Cage-Shaped Aluminum Aryloxides: Efficient Lewis Acid Catalyst for Stereoselective Glycosylation Driven by Flexible Shift of Four- to Five-Coordination. *Journal of the American Chemical Society*, **2019**, 141, 17466-17471	16.4	9
80	Indium(III) halide-catalyzed UV-irradiated radical coupling of iodomethylphosphorus compounds with various organostannanes. *Organic Letters*, **2013**, 15, 1728-31	6.2	9
79	Synthesis of oxazolidinones initiated by regio- and diastereo-controlled crotylation of alpha-dicarbonyl compounds. *Organic and Biomolecular Chemistry*, **2010**, 8, 2009-11	3.9	9
78	Alkylation of Carbonyl Compounds by Direct Addition of Alcohols to Enol Acetates. *Angewandte Chemie*, **2009**, 121, 9295-9298	3.6	9
77	Anti-Carboalumination of Alkynes Using Aluminum Trihalide and Silyl Ketene Imines: Stereo- and Regioselective Synthesis of Alkenylaluminum Compounds Bearing a Cyano Group. *Organic Letters*, **2018**, 20, 3651-3655	6.2	9
76	Generation of minyl Radicals from Bromo Cyclic N-Sulfonylimines and Application to Coupling with Various Radical Acceptors Using a Photoredox Catalyst. *Chemistry - A European Journal*, **2018**, 24, 312-316	4.8	8
75	Lithium phenolates with a hexagonal-prismatic Li6O6 core isolated via a cage-shaped tripodal ligands system: crystal structures and their behavior in solution. *Dalton Transactions*, **2012**, 41, 6602-6	4.3	8
74	Substituted Butenylindium Generated by Transmetalation of Cyclopropylmethylstannane with Indium Iodide: Synthesis and Characterization of Monobutenylindium. *Organometallics*, **2011**, 30, 2039-2043	3.8	8
73	Organotin(IV) enamines as selective reagents: Coupling with halocarbonyls for synthesis of substituted pyrroles. *Tetrahedron Letters*, **1997**, 38, 3265-3266	2	8
72	Regio- and stereoselective hydrostannation of allenes using dibutyliodotin hydride (Bu2SnIH) and successive coupling with aromatic halides. *Chemical Communications*, **2007**, 4913-5	5.8	8
71	Remarkable Enhancement of Nucleophilicity of Tin Enolates toward Nitro- or Cyanoalkenes by Tetrabutylammonium Halides. *Chemistry Letters*, **2000**, 29, 1266-1267	1.7	8
70	Direct and Efficient Organic Synthesis Using Indium Catalysts. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2007**, 65, 99-108	0.2	8
69	Catalytic Cycloisomerization of Conjugated Bisbutatrienes into Pentalene Skeletons: Synthesis and Properties of Bisbutatrienes with an Acenaphthene Backbone. *Chemistry Letters*, **2020**, 49, 589-592	1.7	7

68	Carbometalation and Heterometalation of Carbon-Carbon Multiple-Bonds Using Group-13 Heavy Metals: Carbogallation, Carboindation, Heterogallation, and Heteroindation. *Chemistry - an Asian Journal*, **2020**, 15, 636-650	4.5	7
67	GaBr3-catalyzed Coupling between -Iodo Esters with Alkynylstannanes under UV Irradiation. *Chemistry Letters*, **2015**, 44, 38-40	1.7	7
66	Highly stereoselective addition of tin enolate to -chloro cyclic ketone derivatives catalyzed by Ph4SbBr. *Tetrahedron Letters*, **1994**, 35, 8627-8630	2	7
65	Regio- and Stereoselective Allylindation of Alkynes Using InBr and Allylic Silanes: Synthesis, Characterization, and Application of 1,4-Dienylindiums toward Skipped Dienes. *Molecules*, **2018**, 23,	4.8	7
64	1,8-Diphenyl-9,10-Bis(arylethynyl)phenanthrenes: Synthesis, Distorted Structure, and Optical Properties. *Chemistry - A European Journal*, **2018**, 24, 6625-6631	4.8	6
63	Chiral Transfer in the Reaction of Aminoallylic Stannanes with Carbonyls in Two Different Modes using Tin(II) and Indium(III) Halides for the Synthesis of Each Enantiomer. *Organometallics*, **2014**, 33, 3924-3927	4.8	6
62	Regio- and Stereoselective Carbobismuthination of Alkynes. *Angewandte Chemie*, **2012**, 124, 1075-1078	3.6	6
61	Indium Tribromide Catalyzed Cross-Claisen Condensation between Carboxylic Acids and Ketene Silyl Acetals Using Alkoxyhydrosilanes. *Angewandte Chemie*, **2011**, 123, 8782-8784	3.6	6
60	Catalytic Effect of Five-Coordinate Organotin Bromide or Tetraphenylstibonium Bromide on the Chemo- and Stereoselective Addition of Tin Enolate to -Halo Ketone. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 1180-1186	5.1	6
59	Indium Catalyzed Hydrofunctionalization of Styrene Derivatives Bearing a Hydroxy Group with Organosilicon Nucleophiles. *Journal of Organic Chemistry*, **2018**, 83, 740-753	4.2	6
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