

# Makoto Yasuda

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Bis-periazulene (Cyclohepta[ <i>b</i> ]fluorene) as a Nonalternant Isomer of Pyrene: Synthesis and Characterization of Its Triaryl Derivatives.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	6
192	Indium-Catalyzed Formal Carbon-Halogen Bond Insertion: Synthesis of $\beta$ -Halo- $\gamma$ -Disubstituted Esters from Benzylic Halides and Diazo Esters.. <i>Organic Letters</i> , <b>2022</b> ,	6.2	1
191	Lewis Acid-Catalyzed Diastereoselective C-C Bond Insertion of Diazo Esters into Secondary Benzylic Halides for the Synthesis of $\beta$ -Diaryl-Haloesters.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202204462	16.4	
190	Insertion of Diazo Esters into C-F Bonds toward Diastereoselective One-Carbon Elongation of Benzylic Fluorides: Unprecedented BF Catalysis with C-F Bond Cleavage and Re-formation. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	4
189	Synthesis of $\beta$ -extended non-alternant hydrocarbons based on azulene (5-7), pentalene (5-5) and heptalene (7-7) skeletons and elucidation of their electronic structures. <i>Advances in Physical Organic Chemistry</i> , <b>2021</b> , 55, 17-40	0.3	
188	Access to metastable [GeH] materials a molecular "bottom-up" approach. <i>Dalton Transactions</i> , <b>2021</b> , 50, 17688-17696	4.3	0
187	Synthesis and Characterization of $\beta$ -Extended Nonalternant Hydrocarbons Containing Azulene, Pentalene, and Heptalene Frameworks. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2021</b> , 79, 224-233	0.2	
186	Tuning of Lewis Acidity of Phebox-Al Complexes by Substituents on the Benzene Backbone and Unexpected Photocatalytic Activity for Hydrodebromination of Aryl Bromide. <i>Chemistry Letters</i> , <b>2021</b> , 50, 538-541	1.7	
185	Characterization of Benzo[ <i>a</i> ]naphtho[2,3- <i>f</i> ]pentalene: Interrelation between Open-shell and Antiaromatic Characters Governed by Mode of the Quinoidal Subunit and Molecular Symmetry. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 1553-1561	4.5	3
184	Indium-Catalyzed C-F Bond Transformation through Oxymetalation/ $\beta$ Fluorine Elimination to Access Fluorinated Isocoumarins. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8288-8294	4.8	4
183	Indium-Catalyzed C-F Bond Transformation through Oxymetalation/ $\beta$ Fluorine Elimination to Access Fluorinated Isocoumarins. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8232	4.8	1
182	Photoredox-Catalyzed C-F Bond Allylation of Perfluoroalkylarenes at the Benzylic Position. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9308-9313	16.4	18
181	Breathing New Life into Nonalternant Hydrocarbon Chemistry: Syntheses and Properties of Polycyclic Hydrocarbons Containing Azulene, Pentalene, and Heptalene Frameworks. <i>Chemistry Letters</i> , <b>2021</b> , 50, 195-212	1.7	23
180	( <i>o</i> -Phenylenediamino)borylstannanes: Efficient Reagents for Borylation of Various Alkyl Radical Precursors. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3968-3973	4.8	1
179	InBr 3-Catalyzed Coupling Reaction between Electron-Deficient Alkenyl Ethers with Silyl Enolates for Stereoselective Synthesis of 1,5-Dioxo-alk-2-enes. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 77-81	3.2	0
178	Effect of noncovalent interactions in ion pairs on hypervalent iodines: inversion of regioselectivity in sulfonyloxylactonization. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 3695-3704	5.2	3
177	Reaction Field for a Lewis Acid with a Tunable Factor for Selective Organic Synthesis <b>2021</b> , 225-260		

176	Synthesis and Catalytic Activity of Atrane-type Hard and Soft Lewis Superacids with a Silyl, Germyl, or Stannyl Cationic Center. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3118-3123	4.5	0
175	(o-Phenylenediamino)borylstannanes: Efficient Reagents for Borylation of Various Alkyl Radical Precursors. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3891	4.8	
174	Revisiting Glycosylations Using Glycosyl Fluoride by BF <sub>3</sub> Et <sub>2</sub> O: Activation of Disarmed Glycosyl Fluorides with High Catalytic Turnover.. <i>Organic Letters</i> , <b>2021</b> ,	6.2	1
173	Catalytic Cycloisomerization of Conjugated Bisbutatrienes into Pentalene Skeletons: Synthesis and Properties of Bisbutatrienes with an Acenaphthene Backbone. <i>Chemistry Letters</i> , <b>2020</b> , 49, 589-592	1.7	7
172	Carbometalation and Heterometalation of Carbon-Carbon Multiple-Bonds Using Group-13 Heavy Metals: Carbogallation, Carboindation, Heterogallation, and Heteroindation. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 636-650	4.5	7
171	Synthesis of β-cyanoalanine and enantiomerically enriched aspartate derivatives via the Zn- or In-mediated nucleophilic addition to α-amino esters. <i>Tetrahedron</i> , <b>2020</b> , 76, 131217	2.4	2
170	anti-Carbometalation of Alkynyl Sulfides Using Indium Tribromide and Ketene Silyl Acetals. <i>Chemistry Letters</i> , <b>2020</b> , 49, 1136-1139	1.7	1
169	Synthesis of (Z)-β-(Carbonylamino)alkenylindium through Regioselective anti-Carboindation of Ynamides and Its Transformation to Multisubstituted Enamides. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4930-4934	4.8	5
168	Selective Activation of Aromatic Aldehydes Promoted by Dispersion Interactions: Steric and Electronic Factors of a Pocket within Cage-Shaped Borates for Molecular Recognition. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 15023-15034	4.8	1
167	Characterization of Highly Coordinated Allylgermanes: Pivotal Players for Enhanced Nucleophilicity and Stereoselectivity. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1852-1857	4.5	1
166	Regio- and Stereoselective Carboindation of Internal Alkynyl Ethers with Organosilicon or -stannane Nucleophiles. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13345-13363	4.2	9
165	Synthesis of Cage-Shaped Aluminum Aryloxides: Efficient Lewis Acid Catalyst for Stereoselective Glycosylation Driven by Flexible Shift of Four- to Five-Coordination. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17466-17471	16.4	9
164	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. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10165-10170	16.4	47
163	Synthesis and Characterization of Pheox- and Phebox-Aluminum Complexes: Application as Tunable Lewis Acid Catalysts in Organic Reactions. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10792-10796	4.8	4
162	Geometrically Selective Synthesis of (S)-Enamides via Radical Allylation of Alkyl Halides with β-Aminoallylic Stannanes. <i>Organic Letters</i> , <b>2019</b> , 21, 6589-6592	6.2	1
161	Regioselective Synthesis of 5-Metalated 2-Pyrones by Intramolecular Oxymetalation of Carbonyl-ene-yne Compounds Using Indium Trihalide. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 14330-14341	4.2	19
160	Synthesis of β-Alkenyl β-Unsaturated Ketones via Dehydrogermylation of Oxagermacycles with Regeneration of the Germanium(II) Species. <i>Organic Letters</i> , <b>2019</b> , 21, 9818-9823	6.2	2
159	Isolation and characterisation of a stable 2-azaphenalenyliid azomethine ylide. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6.3	3

158	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. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 560-571	16.4	31
157	1,8-Diphenyl-9,10-Bis(arylethynyl)phenanthrenes: Synthesis, Distorted Structure, and Optical Properties. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6625-6631	4.8	6
156	Construction of Polycyclic $\pi$ -Conjugated Systems Incorporating an Azulene Unit Following the Oxidation of 1,8-Diphenyl-9,10-bis(phenylethynyl)phenanthrene. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8548-8552	4.8	25
155	Generation of $\pi$ -Methyl Radicals from $\pi$ -Bromo Cyclic N-Sulfonylimines and Application to Coupling with Various Radical Acceptors Using a Photoredox Catalyst. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 312-316	4.8	8
154	Deposition of Indium Nanoparticles on Powdered Material by Pulse Arc Plasma to Synthesize Catalysts for Friedel-Crafts Alkylation. <i>E-Journal of Surface Science and Nanotechnology</i> , <b>2018</b> , 16, 105-110	10.7	
153	Regio- and Stereo-controlled Addition Reaction of Aminoallylic Stannanes to Aldehydes Mediated by Germanium Dichloride. <i>Chemistry Letters</i> , <b>2018</b> , 47, 821-824	1.7	1
152	Selective oxymetalation of terminal alkynes 6- cyclization: mechanistic investigation and application to the efficient synthesis of 4-substituted isocoumarins. <i>Chemical Science</i> , <b>2018</b> , 9, 6041-6052	9.4	23
151	Indium Catalyzed Hydrofunctionalization of Styrene Derivatives Bearing a Hydroxy Group with Organosilicon Nucleophiles. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 740-753	4.2	6
150	Regio- and Stereoselective Allylindation of Alkynes Using InBr <sub>3</sub> and Allylic Silanes: Synthesis, Characterization, and Application of 1,4-Dienylindiums toward Skipped Dienes. <i>Molecules</i> , <b>2018</b> , 23,	4.8	7
149	Anti-Carboalumination of Alkynes Using Aluminum Trihalide and Silyl Ketene Imines: Stereo- and Regioselective Synthesis of Alkenylaluminum Compounds Bearing a Cyano Group. <i>Organic Letters</i> , <b>2018</b> , 20, 3651-3655	6.2	9
148	Stereocontrolled Synthesis of Triols Containing Four Asymmetric Centers: Application of C, O-Chelated Germyl Enolates to a Diastereoselective Aldol Reaction. <i>Organic Letters</i> , <b>2018</b> , 20, 4148-4152	6.2	2
147	Tuning Lewis Acidity by a Transannular $\pi$ - $\pi$ Interaction between Boron and Silicon/Germanium Atoms Supported by a Cage-Shaped Framework. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 5219-5223	4.8	11
146	First anti-Selective Direct Michael Addition of $\pi$ -Alkoxy Ketones to Enones by Cooperative Catalysis of Samarium(III) Trifluoromethanesulfonate and Tributyltin Methoxide. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2831-2835	3.2	2
145	Effect of Functional Groups in Organic Chlorides on Radical Reduction with Hydrostannane under Microwave Irradiation. <i>Chemistry Letters</i> , <b>2017</b> , 46, 1116-1118	1.7	3
144	C-Symmetric Boron Lewis Acid with a Cage-Shape for Chiral Molecular Recognition and Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1273-1277	4.8	10
143	Synthesis and Characterization of Dibenzo[a,f]pentalene: Harmonization of the Antiaromatic and Singlet Biradical Character. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15284-15287	16.4	57
142	Regio- and Stereoselective Anti-Carbozincation of Alkynyl Ethers Using ZnBr <sub>2</sub> toward (Z)- $\pi$ -Zincated Enol Ether Synthesis. <i>Organic Letters</i> , <b>2017</b> , 19, 3927-3930	6.2	14
141	Synthesis and characterization of sterically crowded aryloxides: Mitsubishi-class of tetrametallic aluminum complexes. <i>Polyhedron</i> , <b>2017</b> , 125, 130-134	2.7	4

140	Catalytic property of an indium-deposited powder-type material containing silicon and its dependence on the dose of indium nano-particles irradiated by a pulse arc plasma process. <i>AIP Advances</i> , <b>2017</b> , 7, 065117	1.5	1
139	First Isolation and Characterization of the Highly Coordinated Group 14 Enolates: Effects of the Coordination Controls on the Geometry and Tautomerization of Germyl Enolates. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12688-91	4.8	4
138	Coupling Reaction of Enol Derivatives with Silyl Ketene Acetals Catalyzed by Gallium Trihalides. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11837-45	4.8	13
137	Indium Implantation onto Zeolite by Pulse Arc Plasma Process for the Development of Novel Catalysts. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1333-1333	1.7	2
136	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. <i>Organic Letters</i> , <b>2016</b> , 18, 5704-5707	6.2	43
135	Photoredox $\alpha$ -Alkylation of $\alpha$ -Halocarbonyls with Allylboron Compounds Accelerated by Fluoride Salts under Visible Light Irradiation. <i>Asian Journal of Organic Chemistry</i> , <b>2016</b> , 5, 179-182	3	12
134	Synthesis, characterization, and properties of a benzofuran-based cage-shaped borate: photo activation of Lewis acid catalysts. <i>Chemical Communications</i> , <b>2016</b> , 52, 3348-51	5.8	10
133	Synthesis of Thioethers by InI-Catalyzed Substitution of Siloxy Group Using Thiosilanes. <i>Molecules</i> , <b>2016</b> , 21,	4.8	3
132	GaBr <sub>3</sub> -catalyzed Coupling between $\alpha$ -Odo Esters with Alkynylstannanes under UV Irradiation. <i>Chemistry Letters</i> , <b>2015</b> , 44, 38-40	1.7	7
131	Indium Implantation onto Zeolite by Pulse Arc Plasma Process for the Development of Novel Catalysts. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1292-1294	1.7	2
130	Indium Tribromide Catalyzed Coupling Reaction of Enol Ethers with Silyl Ketene Imines toward the Synthesis of $\alpha$ -Unsaturated Nitriles. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18301-8	4.8	16
129	Diastereoselective Construction of 3-Aminooxindoles with Adjacent Stereocenters: Stereocontrolled Addition of $\beta$ -Substituted Allylindiums to Isatin Ketimines. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 4168-4189	3.2	17
128	Indium Implantation onto Zeolite for Development of Novel Catalysts with a Ion Beam System. <i>Journal of Smart Processing</i> , <b>2015</b> , 4, 228-233	0.2	1
127	Gallium trihalide catalyzed sequential addition of two different carbon nucleophiles to esters by using silyl cyanide and ketene silyl acetals. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11664-8	4.8	5
126	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. <i>Organometallics</i> , <b>2014</b> , 33, 3924-3927 <sup>6</sup>	2.8	6
125	Indium chloride catalyzed alkylative rearrangement of propargylic acetates using alkyl chlorides, alcohols, and acetates: facile synthesis of $\beta$ -alkyl- $\alpha$ -unsaturated carbonyl compounds. <i>Organic Letters</i> , <b>2014</b> , 16, 1176-9	6.2	28
124	Low Energy Indium or Gallium Ion Implantations to SiO <sub>2</sub> Thin Films for Development of Novel Catalysts. <i>E-Journal of Surface Science and Nanotechnology</i> , <b>2014</b> , 12, 197-202	0.7	
123	Development of Organic Transformations Based on the Controlled Lewis Acidity of Indium(III) Compounds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2014</b> , 72, 1360-1373	0.2	4

122	Synthesis of alkylbismuths by regiodivergent carbobismuthination of simple alkenes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14411-5	4.8	11
121	Zn(II) chloride-catalyzed direct coupling of various alkynes with acetals: facile and inexpensive access to functionalized propargyl ethers. <i>Chemical Communications</i> , <b>2013</b> , 49, 11620-2	5.8	19
120	Indium(III) halide-catalyzed UV-irradiated radical coupling of iodomethylphosphorus compounds with various organostannanes. <i>Organic Letters</i> , <b>2013</b> , 15, 1728-31	6.2	9
119	Chelation-controlled diastereoselective construction of N-aryl-, N-acyl/tosylhydrazono $\beta$ -substituted aspartate derivatives via Barbier-type reaction. <i>Tetrahedron</i> , <b>2013</b> , 69, 6598-6611	2.4	17
118	Indium triiodide catalyzed reductive functionalization of amides via the single-stage treatment of hydrosilanes and organosilicon nucleophiles. <i>Organic Letters</i> , <b>2013</b> , 15, 3452-5	6.2	33
117	Syntheses of Aldol Products and Cyanohydrins from Carboxylic Acids Using Hydrosilanes, Organosilicon Reagents, and Indium Triiodide Catalyst. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1551-1553	1.7	4
116	Fine Tuning of Lewis Acidity by Cage-Shaped Ligand Structure toward Catalytic Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2013</b> , 71, 1294-1306	0.2	1
115	Regio- and stereoselective carbobismuthination of alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1051-4	16.4	29
114	InCl <sub>3</sub> /Me <sub>3</sub> SiCl-catalyzed direct Michael addition of enol acetates to $\alpha,\beta$ -unsaturated ketones. <i>Organic Letters</i> , <b>2012</b> , 14, 5788-91	6.2	17
113	Lithium phenolates with a hexagonal-prismatic Li <sub>6</sub> O <sub>6</sub> core isolated via a cage-shaped tripodal ligands system: crystal structures and their behavior in solution. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6602-6	4.3	8
112	Direct use of esters in the Mukaiyama aldol reaction: a powerful and convenient alternative to aldehydes. <i>Organic Letters</i> , <b>2012</b> , 14, 1168-71	6.2	19
111	Synthesis of a wide range of thioethers by indium triiodide catalyzed direct coupling between alkyl acetates and thiosilanes. <i>Organic Letters</i> , <b>2012</b> , 14, 1846-9	6.2	41
110	Indium-Mediated Addition of $\beta$ -Substituted Allylic Halides to N-Aryl $\beta$ -amino Esters: Diastereoselective Production of $\beta,\gamma$ -Disubstituted $\beta$ -amino Acid Derivatives with Two Contiguous Stereocenters. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 4395-4411	3.2	15
109	Regio- and Stereoselective Carbobismuthination of Alkynes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1075-1078	3.6	6
108	Recognition of Aromatic Compounds by $\beta$ -Pocket within a Cage-Shaped Borate Catalyst. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 3933-3936	3.6	10
107	Gallium Tribromide Catalyzed Coupling Reaction of Alkenyl Ethers with Ketene Silyl Acetals. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 8197-8200	3.6	12
106	Recognition of aromatic compounds by $\beta$ -pocket within a cage-shaped borate catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3867-70	16.4	24
105	Gallium tribromide catalyzed coupling reaction of alkenyl ethers with ketene silyl acetals. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8073-6	16.4	25

104	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. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3856-67	4.8	23
103	Stabilization of Excited State Using Through-Space Interaction between Independent $\pi$ Systems Mediated by aperi-Substituted Hydroxy Group in 1-Arylnaphthalenes: Unexpected Blue Emission of 1,3,5-Tris(peri-hydroxynaphthyl)benzene. <i>Bulletin of the Chemical Society of Japan</i> , <b>2011</b> , 84, 1118-1129	5.1	1
102	InI <sub>3</sub> /Me <sub>3</sub> SiI-catalyzed Direct Alkylation of Enol Acetates Using Alkyl Acetates or Alkyl Ethers. <i>Chemistry Letters</i> , <b>2011</b> , 40, 1223-1225	1.7	14
101	Synthesis of Cyclopropane-Containing Phosphorus Compounds by Radical Coupling of Butenylindium with Iodo Phosphorus Compounds. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 2163-2171	3.2	11
100	Indium Tribromide Catalyzed Cross-Claisen Condensation between Carboxylic Acids and Ketene Silyl Acetals Using Alkoxyhydrosilanes. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8782-8784	3.6	6
99	Direct Synthesis of Alkynylstannanes: ZnBr <sub>2</sub> Catalyst for the Reaction of Tributyltin Methoxide and Terminal Alkynes. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 10577-10580	3.6	4
98	Indium tribromide catalyzed cross-Claisen condensation between carboxylic acids and ketene silyl acetals using alkoxyhydrosilanes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8623-5	16.4	33
97	Direct synthesis of alkynylstannanes: ZnBr <sub>2</sub> catalyst for the reaction of tributyltin methoxide and terminal alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 10393-6	16.4	19
96	Carbogallation of alkynes using gallium tribromide and silyl ketene acetals and synthetic application to cross-coupling with aryl iodides. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 11135-8	4.8	27
95	Substituted Butenylindium Generated by Transmetalation of Cyclopropylmethylstannane with Indium Iodide: Synthesis and Characterization of Monobutenylindium. <i>Organometallics</i> , <b>2011</b> , 30, 2039-2043	3.8	8
94	InCl <sub>3</sub> /Me <sub>3</sub> SiBr-catalyzed direct coupling between silyl ethers and enol acetates. <i>Organic Letters</i> , <b>2011</b> , 13, 2762-5	6.2	33
93	Synthesis of oxazolidinones initiated by regio- and diastereo-controlled crotylation of alpha-dicarbonyl compounds. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 2009-11	3.9	9
92	Cyclopropylmethylation of benzylic and allylic chlorides with cyclopropylmethylstannane catalyzed by gallium or indium halide. <i>Organic Letters</i> , <b>2010</b> , 12, 1520-3	6.2	18
91	Regioselective carboidation of simple alkenes with indium tribromide and ketene silyl acetals. <i>Organic Letters</i> , <b>2010</b> , 12, 3390-3	6.2	37
90	In Situ Observation of Nonequilibrium Local Heating as an Origin of Special Effect of Microwave on Chemistry. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 8965-8970	3.8	102
89	Synthesis and theoretical studies of gallium complexes back-shielded by a cage-shaped framework of tris(m-oxybenzyl)arene. <i>Chemical Communications</i> , <b>2010</b> , 46, 4794-6	5.8	13
88	Indium Triiodide Catalyzed Direct Hydroallylation of Esters. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 3382-3386	3.2	14
87	Characterization of the Nucleophilic Allylindium Species Generated from Allyl Bromide and Indium(0) in Aqueous Media. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5359-5363	3.2	33

86	Diastereoselective reductive aldol reaction of enones to ketones catalyzed by halogenotin hydride. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13335-8	4.8	12
85	Isolation and Crystallographic Characterization of Allylindium Species Generated from Allyl Halide and Indium(0). <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 5513-5517	3.2	29
84	Regio- and Stereoselective Generation of Alkenylindium Compounds from Indium Tribromide, Alkynes, and Ketene Silyl Acetals. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 4647-4650	3.6	21
83	$\alpha$ -Alkylation of Carbonyl Compounds by Direct Addition of Alcohols to Enol Acetates. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9295-9298	3.6	9
82	Regio- and stereoselective generation of alkenylindium compounds from indium tribromide, alkynes, and ketene silyl acetals. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4577-80	16.4	67
81	Alpha-alkylation of carbonyl compounds by direct addition of alcohols to enol acetates. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9131-4	16.4	45
80	Indium-catalyzed coupling reaction between silyl enolates and alkyl chlorides or alkyl ethers. <i>Tetrahedron</i> , <b>2009</b> , 65, 5462-5471	2.4	21
79	Stereoselective synthesis of vicinal diols by the stannous chloride-mediated reaction of unprotected hydroxyallylic stannane with carbonyl compounds. <i>Tetrahedron</i> , <b>2009</b> , 65, 9569-9574	2.4	10
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77	Isolation and Characterization of a Nucleophilic Allylic Indium Reagent. <i>Organometallics</i> , <b>2009</b> , 28, 1998-2000	3.0	40
76	Radical Coupling of Iodocarbonyl Compounds with Butenylindium Generated by Transmetalation between Cyclopropylmethylstannane and Indium Halides. <i>Organometallics</i> , <b>2009</b> , 28, 132-139	3.8	22
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74	Direct chlorination of alcohols with chlorodimethylsilane catalyzed by a gallium trichloride/tartrate system under neutral conditions. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 2790-5	3.9	20
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72	Hydroindation of allenes and its application to radical cyclization. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 1949-54	3.9	29
71	Direct coupling of alcohols with alkenylsilanes catalyzed by indium trichloride or bismuth tribromide. <i>Chemical Communications</i> , <b>2008</b> , 6396-8	5.8	50
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69	Fine-tuning of boron complexes with cage-shaped ligand geometry: rational design of triphenolic ligand as a template for structure control. <i>Organic Letters</i> , <b>2008</b> , 10, 929-32	6.2	19



68	Germanium(II)-mediated reductive cross-aldol reaction of bromoaldehydes with aldehydes: NMR studies and ab initio calculations. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 6312-20	4.2	5
67	Microwave-Irradiated Transition-Metal Catalysis: Rapid and Efficient Dehydrative Carbon-Carbon Coupling of Alcohols with Active Methylene. <i>Synthesis</i> , <b>2008</b> , 2008, 1717-1724	2.9	23
66	Reaction of alcohols and silyl ethers in the presence of an indium/silicon-based catalyst system: Deoxygenation and allyl substitution. <i>Pure and Applied Chemistry</i> , <b>2008</b> , 80, 845-854	2.1	29
65	Germanium(II)-mediated reductive Mannich-type reaction of alpha-bromoketones to N-alkylimines. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6620-3	16.4	12
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63	Coupling reaction of alkyl chlorides with silyl enolates catalyzed by indium trihalide. <i>Organic Letters</i> , <b>2007</b> , 9, 4931-4	6.2	40
62	Diastereoselective production of homoallylic alcohols bearing quaternary centers from gamma-substituted allylic indiums and ketones. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 10264-7	4.2	26
61	One-pot synthesis of heterocyclic compounds initiated by chemoselective addition to $\beta$ - $\gamma$ -substituted unsaturated aldehydes with nucleophilic tin complexes. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 604-619	2.3	5
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58	In(III)-mediated chemoselective dehydrogenative interaction of ClMe(2)SiH with carboxylic acids: direct chemo- and regioselective Friedel-Crafts acylation of aromatic ethers. <i>Organic Letters</i> , <b>2007</b> , 9, 405-8	6.2	35
57	Regio- and stereoselective hydrostannation of allenes using dibutylindotin hydride (Bu <sub>2</sub> SnIH) and successive coupling with aromatic halides. <i>Chemical Communications</i> , <b>2007</b> , 4913-5	5.8	8
56	Direct and Efficient Organic Synthesis Using Indium Catalysts. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2007</b> , 65, 99-108	0.2	8
55	Direct carbon-carbon bond formation from alcohols and active methylenes, alkoxyketones, or indoles catalyzed by indium trichloride. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 793-6	16.4	268
54	One-Pot Synthesis of Heterocycles Initiated by Chemoselective Reduction of Bifunctional Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 1117-1120	3.2	5
53	Direct Carbon-Carbon Bond Formation from Alcohols and Active Methylene, Alkoxyketones, or Indoles Catalyzed by Indium Trichloride. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 807-810	3.6	77
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51	High chelation control of three contiguous stereogenic centers in the Reformatsky reactions of indium enolates with alpha-hydroxy ketones: unexpected stereochemistry of lactone formation. <i>Organic Letters</i> , <b>2006</b> , 8, 3029-32	6.2	30

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42	Indium-Silicon Combined Lewis Acid Catalyst for Direct Allylation of Alcohols with Allyltrimethylsilane in Non-Halogenated Solvent. <i>Synlett</i> , <b>2005</b> , 2005, 1737-1739	2.2	10
41	Catalytic generation of indium hydride in a highly diastereoselective reductive aldol reaction. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 711-4	16.4	78
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7	Solvent-controlled addition of alkynyltins or allylic tins to aldehydes catalyzed by indium trichloride. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 9497-9500	2	55
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