

Atsunori Mori

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#	Paper	IF	Citations
231	Hexylthiophene-Functionalized Carbazole Dyes for Efficient Molecular Photovoltaics: Tuning of Solar-Cell Performance by Structural Modification. <i>Chemistry of Materials</i> , 2008 , 20, 3993-4003	9.6	582
230	Direct amination of azoles via catalytic C-H, N-H coupling. <i>Organic Letters</i> , 2009 , 11, 1607-10	6.2	342
229	Palladium-catalyzed C-H homocoupling of thiophenes: facile construction of bithiophene structure. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5074-5	16.4	269
228	Interfacial electron-transfer kinetics in metal-free organic dye-sensitized solar cells: combined effects of molecular structure of dyes and electrolytes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17874-81	16.4	256
227	Coupling Reactions of Alkynylsilanes Mediated by a Cu(I) Salt: Novel Syntheses of Conjugate Diynes and Disubstituted Ethynes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 1780-1787	4.2	228
226	Facile synthesis of 2,5-diarylthiazoles via palladium-catalyzed tandem C-H substitutions. Design of tunable light emission and liquid crystalline characteristics. <i>Journal of the American Chemical Society</i> , 2003 , 125, 1700-1	16.4	226
225	The cyclic dipeptide cyclo[(S)-phenylalanyl-(S)-histidyl] as a catalyst for asymmetric addition of hydrogen cyanide to aldehydes. <i>Journal of Organic Chemistry</i> , 1990 , 55, 181-185	4.2	199
224	One-pot construction of pyrazoles and isoxazoles with palladium-catalyzed four-component coupling. <i>Organic Letters</i> , 2005 , 7, 4487-9	6.2	195
223	Palladium-catalyzed C-H homocoupling of bromothiophene derivatives and synthetic application to well-defined oligothiophenes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10930-3	16.4	189
222	Carbonylative Sonogashira coupling of terminal alkynes with aqueous ammonia. <i>Organic Letters</i> , 2003 , 5, 3057-60	6.2	163
221	Palladium-catalyzed cross-coupling of silanols, silanediols, and silanetriols promoted by silver(I) oxide. <i>Journal of Organic Chemistry</i> , 2000 , 65, 5342-9	4.2	155
220	A New Transformation of Silanols. Palladium-Catalyzed Cross-Coupling with Organic Halides in the Presence of Silver(I) Oxide. <i>Organic Letters</i> , 1999 , 1, 299-302	6.2	155
219	Palladium-catalyzed coupling reactions of bromothiophenes at the C-H bond adjacent to the sulfur atom with a new activator system, AgNO ₃ /KF. <i>Organic Letters</i> , 2005 , 7, 5083-5	6.2	147
218	Mizoroki-Heck type reaction of organoboron reagents with alkenes and alkynes. A Pd(II)-catalyzed pathway with Cu(OAc) ₂ as an oxidant. <i>Organic Letters</i> , 2001 , 3, 3313-6	6.2	147
217	C-H functionalization polycondensation of chlorothiophenes in the presence of nickel catalyst with stoichiometric or catalytically generated magnesium amide. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9700-3	16.4	134
216	Substituted carbazole dyes for efficient molecular photovoltaics: long electron lifetime and high open circuit voltage performance. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4829		121
215	Non-Sonogashira-type palladium-catalyzed coupling reactions of terminal alkynes assisted by silver(I) oxide or tetrabutylammonium fluoride. <i>Organic Letters</i> , 2000 , 2, 2935-7	6.2	120

214	Syntheses and properties of donor-acceptor-type 2,5-diarylthiophene and 2,5-diarylthiazole. <i>Organic Letters</i> , 2004 , 6, 2011-4	6.2	119
213	Palladium-Catalyzed CH Arylation and Dehydrogenative Homocoupling of Heteroaromatic Compounds and Application to the Design of Advanced Organic Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2008 , 81, 548-561	5.1	114
212	Hydroxorhodium complex-catalyzed carbon-carbon bond-forming reactions of silanediols with alpha,beta-unsaturated carbonyl compounds. Mizoroki-Heck-type reaction vs conjugate addition. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10774-5	16.4	113
211	Peptide-titanium complex as catalyst for asymmetric addition of hydrogen cyanide to aldehydes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 7969-7975	16.4	105
210	Palladium-catalyzed C-H functionalization of heteroarenes with aryl bromides and chlorides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6998-7001	4.2	101
209	Stereodivergent Syntheses of (Z)- and (E)-Alkenylsilanes via Hydrosilylation of Terminal Alkynes Catalyzed by Rhodium(I) Iodide Complexes and Application to Silicon-Containing Polymer Syntheses. <i>Organometallics</i> , 2004 , 23, 1755-1765	3.8	94
208	An asymmetric Simmons-Smith reaction. <i>Journal of the American Chemical Society</i> , 1985 , 107, 8254-8256	16.4	92
207	Oxidative dimerization of azoles via copper(II)/silver(I)-catalyzed CH homocoupling. <i>Tetrahedron Letters</i> , 2010 , 51, 850-852	2	87
206	A novel C-C bond forming reaction of aryl- and alkenylsilanols. A halogen-free Mizoroki-Heck type reaction. <i>Tetrahedron Letters</i> , 1998 , 39, 7893-7896	2	86
205	Nickel-catalyzed Dehydrobrominative Polycondensation for the Practical Preparation of Regioregular Poly(3-substituted thiophene)s. <i>Chemistry Letters</i> , 2011 , 40, 398-399	1.7	79
204	Synthesis of well-defined head-to-tail-type oligothiophenes by regioselective deprotonation of 3-substituted thiophenes and nickel-catalyzed cross-coupling reaction. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16734-7	16.4	77
203	Copper(I) salt promoted homo-coupling reaction of organosilanes. <i>Chemical Communications</i> , 1997 , 1039-1040	5.1	72
202	Copper(I)-catalyzed cross-coupling reaction of alkynylsilanes with 1-chloroalkynes. <i>Tetrahedron Letters</i> , 1998 , 39, 4075-4078	2	72
201	Cu(I)/Pd(0)-Catalyzed Cross-Coupling Reaction of Alkynylsilanes with Aryl or Alkenyl Triflates: Bimetallic Sonogashira-Hagihara Coupling. <i>Chemistry Letters</i> , 1997 , 26, 1233-1234	1.7	69
200	Asymmetric Simmons-Smith reactions using homochiral protecting groups. <i>Tetrahedron</i> , 1986 , 42, 6447-6458	6.4	68
199	Stepwise construction of head-to-tail-type oligothiophenes via iterative palladium-catalyzed CH arylation and halogen exchange. <i>Organic Letters</i> , 2009 , 11, 2297-300	6.2	67
198	Murahashi coupling polymerization: nickel(II)-N-heterocyclic carbene complex-catalyzed polycondensation of organolithium species of (hetero)arenes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12208-11	16.4	65
197	Regio- and Stereocontrolled Hydrosilylation Polyaddition Catalyzed by RhI(PPh ₃) ₃ . Syntheses of Polymers Containing (E)- or (Z)-Alkenylsilane Moieties. <i>Macromolecules</i> , 2000 , 33, 1115-1116	5.5	65

- 196 Novel Carbon-Carbon Bond Formation through Mizoroki-Heck Type Reaction of Silanols and Organotin Compounds. *Bulletin of the Chemical Society of Japan*, **2000**, 73, 1409-1417 5.1 64
- 195 Stereoselective reduction of acetals. A method for reductive generation of heterocyclic ring systems. *Tetrahedron*, **1990**, 46, 4595-4612 2.4 64
- 194 Nucleophilic cleavage of acetals using organometallic reagents. *Journal of Organometallic Chemistry*, **1985**, 285, 83-94 2.3 59
- 193 Iridium-catalyzed Mizoroki-Heck-type reaction of organosilicon reagents. *Angewandte Chemie - International Edition*, **2003**, 42, 89-92 16.4 58
- 192 RhCl(PPh₃)₃/NaI Catalyst System for Hydrosilylation of 1-Alkynes: Stereodivergent Syntheses of E- and Z-Alkenylsilanes with Heteroatom Substituents on Silicon. *Chemistry Letters*, **1998**, 27, 443-444 1.7 56
- 191 Resolution of ketones via chiral acetals. Kinetic approach. *Journal of Organic Chemistry*, **1985**, 50, 5444-5446 4.6 55
- 190 Peptide-metal complex as an asymmetric catalyst. A catalytic enantioselective cyanohydrin synthesis. *Tetrahedron Letters*, **1991**, 32, 4333-4336 2 54
- 189 Conjugate reduction of α,β -unsaturated ketones with hydrosilane mediated by copper(I) salt. *Tetrahedron*, **1999**, 55, 4573-4582 2.4 53
- 188 Asymmetric reduction of ketone reductive cleavage of chiral acetals using organoaluminum reagents. *Tetrahedron Letters*, **1983**, 24, 4581-4584 2 52
- 187 Homo-Coupling Reactions of Alkenyl- and Arylfluorosilanes Mediated by a Copper(I) Salt. *Bulletin of the Chemical Society of Japan*, **2000**, 73, 985-990 5.1 51
- 186 Copper-catalyzed oxidative C-H, N-H coupling of azoles and thiophenes. *Tetrahedron*, **2012**, 68, 3585-3590 4 45
- 185 Reductive cleavages of chiral acetals using Lewis acid-hydride system. *Tetrahedron Letters*, **1986**, 27, 987-990 2 45
- 184 Reductive cleavages of homochiral acetals: inversion of the stereoselectivity. *Tetrahedron*, **1987**, 43, 755-764 2.4 45
- 183 Synthesis of cyclopropylsilanols by the Simmons-Smith reaction of alkenylsilanols and lithium alkenylsilanolates. *Tetrahedron Letters*, **1997**, 38, 461-464 2 44
- 182 Introduction of ethynylene and thienylene spacers into 2,5-diarylthiazole and 2,5-diarylthiophene. *Tetrahedron*, **2006**, 62, 9548-9553 2.4 44
- 181 Copper(I) salt mediated 1,4-reduction of α,β -unsaturated ketones using hydrosilanes. *Chemical Communications*, **1997**, 2159-2160 5.8 42
- 180 Synthesis of thiophene derivatives via palladium-catalyzed coupling reactions. *Tetrahedron Letters*, **2008**, 49, 1000-1003 2 42
- 179 Reductive cleavages of β -alkynyl acetals. New route to optically pure propargylic alcohols. *Tetrahedron Letters*, **1986**, 27, 983-986 2 42

178	The Palladium-Catalyzed Cross-Coupling Reaction of Organosilicon Compounds with Allylic Carbonates or Diene Monoxides. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 1943-1952	5.1	40
177	Rhodium-Catalyzed Hydrosilylation of Internal Alkynes with Silane Reagents bearing Heteroatom Substituents. Studies on the Regio-/Stereochemistry and Transformation of the Produced Alkenylsilanes by Rhodium-Catalyzed Conjugate Addition. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 51-54	5.6	40
176	Nucleophilic cleavages of acetals using organotitanium reagents. A new synthesis of chiral alcohols. <i>Tetrahedron Letters</i> , 1984 , 25, 4421-4424	2	40
175	A Highly Effective Pd/Cu-Catalyzed Coupling Reaction of Terminal Alkynes with Organic Halides Promoted by Tetrabutylammonium Fluoride or Hydroxide. <i>Synlett</i> , 2001 , 2001, 0649-0651	2.2	39
174	A Novel Cross-Coupling Polycondensation of Alkynylsilanes with Aryl Triflates Catalyzed by CuCl/Pd(PPh ₃) ₄ . <i>Macromolecules</i> , 2000 , 33, 2779-2781	5.5	39
173	Sonogashira Coupling with Aqueous Ammonia. <i>Chemistry Letters</i> , 2002 , 31, 756-757	1.7	38
172	Palladium-Catalyzed Cross-Coupling Reaction of Alkyltrifluorosilanes with Aryl Halides. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 437-444	5.1	37
171	Sonogashira coupling with aqueous ammonia directed to the synthesis of azotolane derivatives. <i>Tetrahedron</i> , 2004 , 60, 9977-9982	2.4	37
170	Palladium-Catalyzed Cross-Coupling Polycondensation of Bisalkynes with Dihaloarenes Activated by Tetrabutylammonium Hydroxide or Silver(I) Oxide. <i>Chemistry Letters</i> , 2001 , 30, 286-287	1.7	37
169	Amino-Acids, peptides and their derivatives: Powerful chiral ligands for metal-catalyzed asymmetric syntheses. <i>Applied Organometallic Chemistry</i> , 1995 , 9, 189-197	3.1	37
168	Cyclo-((S)-leucyl-(S)-histidyl). A Catalyst for Asymmetric Addition of Hydrogen Cyanide to Aldehydes. <i>Chemistry Letters</i> , 1989 , 18, 2119-2122	1.7	37
167	Studies on the Generation of Metalating Species Equivalent to the Knochel-Blauser Base in the Dehydrobrominative Polymerization of Thiophene Derivatives. <i>Organometallics</i> , 2012 , 31, 2263-2267	3.8	36
166	Palladium-catalyzed dimerization of allenes to 2,3-bis(chloromethyl)butadienes. Synthesis of conjugate exocyclic dienes. <i>Journal of Organic Chemistry</i> , 1985 , 50, 2240-2243	4.2	36
165	Synthesis of High-molecular-weight Head-to-tail-type Poly(3-substituted-thiophene)s by Cross-coupling Polycondensation with [CpNiCl(NHC)] as a Catalyst. <i>Chemistry Letters</i> , 2013 , 42, 281-283	1.7	35
164	Syntheses and Electrochemical Properties of TEMPO Radical Substituted Silicones: Active Material for Organic Radical Batteries. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 1402-1407	2.6	35
163	Concise synthesis of well-defined linear and branched oligothiophenes with nickel-catalyzed regiocontrolled cross-coupling of 3-substituted thiophenes by catalytically generated magnesium amide. <i>Chemistry - A European Journal</i> , 2013 , 19, 1658-65	4.8	34
162	Transition Metal-catalyzed Bond-forming Reactions at the C-H Bond of Heteroaromatic Compounds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011 , 69, 1202-1211	0.2	34
161	Reaction of alkynylsilanes with CuCl in polar solvents leading to alkynyl group transfer from Si to Cu. <i>Journal of Organometallic Chemistry</i> , 2001 , 620, 282-286	2.3	34

- 160 A Facile Preparation and Cyclopropanation of 1-Alkenylsilanols. *Bulletin of the Chemical Society of Japan*, **1998**, 71, 2409-2417 5.1 34
- 159 A Coupling Reaction of Aryltributyltin with Olefins Mediated by Palladium(II) Acetate. *Synlett*, **1999**, 1999, 99-101 2.2 34
- 158 A peptide-aluminum complex as a novel chiral Lewis acid. Asymmetric addition of cyanotrimethylsilane to aldehydes. *Journal of Organic Chemistry*, **1992**, 57, 6778-6783 4.2 34
- 157 Ring Opening of Epoxides with Acetone Cyanohydrin Catalyzed by Lanthanoid(III) Alkoxides. *Chemistry Letters*, **1993**, 22, 975-978 1.7 33
- 156 Rhodium-catalyzed Addition of Aryl- and Alkenylsilanediols to Aldehydes. *Synlett*, **2002**, 2002, 0298-0300 2.2 32
- 155 Palladium(0)-catalyzed syntheses of indoloquinones. *Journal of Organic Chemistry*, **1985**, 50, 4282-4288 4.2 32
- 154 Synthesis and Properties of Seleno-analog MK-organic Dye for Photovoltaic Cells Prepared by C-H Functionalization Reactions of Selenophene Derivatives. *Chemistry Letters*, **2011**, 40, 922-924 1.7 30
- 153 Triethylsilane as a mild and efficient reducing agent for the preparation of alkanethiol-capped gold nanoparticles. *Chemical Communications*, **2008**, 3882-4 5.8 30
- 152 Silicone as an Organosilicon Reagent 2. Rhodium-catalyzed Conjugate Addition of the Silicone Reagent to α,β -Unsaturated Carbonyl Compounds. *Synlett*, **2002**, 2002, 0301-0303 2.2 30
- 151 A Practical Synthesis of (1S,2R)-1-Amino-2-indanol, a Key Component of HIV Protease Inhibitor, Indinavir. *Synlett*, **1998**, 1998, 51-52 2.2 30
- 150 Photoluminescent and liquid-crystalline properties of donor-acceptor-type 2,5-diarylthiazoles. *Chemistry - an Asian Journal*, **2007**, 2, 301-5 4.5 29
- 149 Stereoselective reduction of bicyclic acetals. A method for reductive generation of heterocyclic ring systems. *Tetrahedron Letters*, **1987**, 28, 6613-6616 2 29
- 148 Synthesis of Poly(3-substituted thiophene)s of Remarkably High Solubility in Hydrocarbon via Nickel-Catalyzed Deprotonative Cross-Coupling Polycondensation. *Macromolecules*, **2016**, 49, 1259-1269 5.5 28
- 147 Disproportionation of PtPh(CH₂COMe)(cod) and Conproportionation of PtPh₂(cod) and Pt(CH₂COMe)₂(cod) via Intermolecular Phenyl Ligand Transfer. *Organometallics*, **2002**, 21, 5254-5258 3.8 28
- 146 Photoresponsive coordination of stilbazoles to metalloporphyrins. *Journal of the American Chemical Society*, **1993**, 115, 7313-7317 16.4 28
- 145 Observation of Sequential Electrophilic Substitution of Bromothiophene and Immediate Reductive Elimination of Arylpalladium Complexes. *Chemistry Letters*, **2006**, 35, 1100-1101 1.7 27
- 144 Rhodium-catalyzed Hydroarylation and -Alkenylation of Alkynes with Silanediols. A Crucial Role of the Hydroxy Group for the Catalytic Reaction. *Synlett*, **2002**, 2002, 0295-0297 2.2 27
- 143 [Rh(OH)(cod)]₂ (cod = 1,5-Cyclooctadiene): A Highly Efficient Catalyst for 1,4-Hydrosilylation of α,β -Unsaturated Carbonyl Compounds. *Synlett*, **2002**, 2002, 1167-1169 2.2 26

142	Si-C Bond Activation of ArMe ₂ SiOH Promoted by a Bromoplatinum(II) Complex and Ag ₂ O. Aryl Group Transfer from Silicon to Platinum. <i>Organometallics</i> , 2001 , 20, 1243-1246	3.8	26
141	Scandium trifluoromethanesulfonate-catalyzed mild, efficient, and selective cleavage of acetates bearing a coordinative group. <i>Tetrahedron Letters</i> , 1999 , 40, 1689-1692	2	26
140	Addition of Organostannanes to Isocyanate Catalyzed by a Rhodium Complex. <i>Chemistry Letters</i> , 2004 , 33, 1364-1365	1.7	25
139	Aqueous Ammonia as a New Activator for Sonogashira Coupling. <i>Bulletin of the Chemical Society of Japan</i> , 2005 , 78, 160-168	5.1	25
138	Stereodivergent hydrosilylation of 1-alkynes catalyzed by RhI(PPh ₃) ₃ leading to (E)- and (Z)-alkenylsilanes and the application to polymer synthesis. <i>Polyhedron</i> , 2000 , 19, 567-568	2.7	25
137	Lanthanoid(III) Alkoxides as Novel Catalysts for a Rapid Transhydrocyanation from Acetone Cyanohydrin to Aldehydes and Ketones. <i>Chemistry Letters</i> , 1993 , 22, 375-378	1.7	25
136	A Facile Synthesis of Optically Active β -Cyanoallylic Alcohols Using Asymmetric Hydrocyanation of β -Alkenyl Aldehydes Followed by Stereospecific [3.3]Sigmatropic Chirality Transfer of the Cyanohydrin Acetates. <i>Chemistry Letters</i> , 1992 , 21, 2443-2446	1.7	25
135	Synthesis and Properties of Regioregular Poly(3-substituted thiophene) Bearing Disiloxane Moiety in the Substituent. Remarkably High Solubility in Hexane. <i>Chemistry Letters</i> , 2014 , 43, 640-642	1.7	24
134	Enantioselective synthesis of 2-hydroxy-1-indanone, a key precursor of enantiomerically pure 1-amino-2-indanol. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 907-910		24
133	Synthesis of Thieno[3,2-b]indoles via Halogen Dance and Ligand-Controlled One-Pot Sequential Coupling Reaction. <i>Organic Letters</i> , 2018 , 20, 958-961	6.2	23
132	Cyano Group Transfer of Acetone Cyanohydrin to Aldehyde Mediated by Titanium Alkoxide and Aluminum Alkyls. <i>Chemistry Letters</i> , 1990 , 19, 1171-1172	1.7	23
131	Electrophilic Substitution of Thiophenes with Arylpalladium(II) and Platinum(II) Complexes: Mechanistic Studies on Palladium-Catalyzed CH Arylation of Thiophenes. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 555-562	5.1	22
130	Substituent Effect of 3,3,3-Trifluoropropyl Group on Organic Silanols. Palladium-Mediated Mizoroki-Heck Type and Cross-Coupling Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 749-750	5.1	22
129	Scandium Trifluoromethanesulfonate-Catalyzed Cleavage of Esters Bearing a Coordinative Group at a Vicinal Position. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 1553-1560	5.1	22
128	Axially chiral macrocyclic E-alkene bearing bisazole component formed by sequential C-H homocoupling and ring-closing metathesis. <i>Organic Letters</i> , 2012 , 14, 2476-9	6.2	21
127	One-Pot Halogen Dance/Negishi Coupling of Dibromothiophenes for Regiocontrolled Synthesis of Multiply Arylated Thiophenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 16450-16454	4.8	20
126	Nickel(II)-Catalyzed Cross-Coupling Polycondensation of Thiophenes via C-B Bond Cleavage. <i>Organometallics</i> , 2014 , 33, 12-15	3.8	20
125	Mechanical, Thermal, and Electrical Properties of Flexible Polythiophene with Disiloxane Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700197	2.6	20

124	Chirality Transfer via the Palladium-Catalyzed Cross-Coupling Reaction of Optically Active 2-Cyclohexenylsilane: Stereochemical and Mechanistic Aspects. <i>Organometallics</i> , 1996 , 15, 5762-5765	3.8	20
123	Iterative Extension of Thiophene Ring Leading to Head-to-Tail-Type Oligothiophenes via Stepwise CH Arylation and Halogen Exchange Sequence. <i>Heterocycles</i> , 2010 , 82, 505	0.8	19
122	Use of NaOH as a New Activator for the Palladium-Catalyzed Direct CH Arylation of Thiazole Derivatives. <i>Heterocycles</i> , 2009 , 77, 151	0.8	19
121	A new cyclopentanone annulation of β -bromomethylacrylates. <i>Tetrahedron Letters</i> , 1984 , 25, 669-670	2	19
120	Preparation of Furan Dimer-based Biopolyester Showing High Melting Points. <i>Chemistry Letters</i> , 2017 , 46, 1535-1538	1.7	18
119	Reactions of HOSiMe ₂ Ar with Pt η -PPh ₃ complexes leading to Si η -C bond activation or formation of a siloxoplatinum complex. <i>Journal of Organometallic Chemistry</i> , 2001 , 629, 61-67	2.3	18
118	A Practical Synthesis of (1S,2R)-1-Amino-2-indanol, a Key Component of an HIV Protease Inhibitor, Indinavir. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 1093-1100	5.1	18
117	Enantioselective synthesis of macrocyclic heterobiaryl derivatives of molecular asymmetry by molybdenum-catalyzed asymmetric ring-closing metathesis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4927-31	16.4	17
116	Thermo-responsive extraction of cadmium(II) ion with TPEN-NIPA gel. Effect of the number of polymerizable double bond toward gel formation and the extracting behavior. <i>Tetrahedron</i> , 2010 , 66, 1721-1727	2.4	17
115	Silicone as a New Class of Organosilicon Reagent for the Palladium-Catalyzed Cross-Coupling Reaction. <i>Synlett</i> , 2001 , 2001, 0845-0847	2.2	17
114	A Facile Preparation and Polymerization of 1,1-Difunctionalized Disiloxanes. <i>Chemistry Letters</i> , 1996 , 25, 517-518	1.7	17
113	STEREOSELECTIVE CARBONYL OLEFINATION VIA ORGANOSILICON COMPOUNDS. BORON AND TITANIUM REAGENTS. <i>Chemistry Letters</i> , 1982 , 11, 1093-1096	1.7	17
112	Revisiting of Benzophenone Ketyl Still: Use of a Sodium Dispersion for the Preparation of Anhydrous Solvents. <i>ACS Omega</i> , 2018 , 3, 12703-12706	3.9	17
111	Rational and practical exfoliation of graphite using well-defined poly(3-hexylthiophene) for the preparation of conductive polymer/graphene composite. <i>Scientific Reports</i> , 2017 , 7, 39937	4.9	16
110	Addition-Elimination of Aryldimethylaluminum Reagents to Vinylarenes Promoted by the Addition of a Ketone. <i>Asian Journal of Organic Chemistry</i> , 2015 , 4, 477-481	3	16
109	Synthesis of furan dimer-based polyamides with a high melting point. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1516-1519	2.5	15
108	Iridium-Catalyzed Mizoroki-Heck-Type Reaction of Organosilicon Reagents. <i>Angewandte Chemie</i> , 2003 , 115, 93-96	3.6	15
107	Convergent Total Synthesis of Lamellarins and Their Congeners. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8603-8617	4.2	14

106	One-Pot Synthesis of Silylated Enol Triflates from Silyl Enol Ethers for Cyclohexynes and 1,2-Cyclohexadienes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 3343-3347	3.2	14
105	Synthesis of π -conjugated poly(thienylenearylene)s with nickel-catalyzed C ₆₀ functionalization polycondensation. <i>Polymer Journal</i> , 2012 , 44, 1209-1213	2.7	14
104	Solvent extraction of perrhenate ions with podand-type nitrogen donor ligands. <i>Separation and Purification Technology</i> , 2009 , 68, 288-290	8.3	14
103	Controlled Homeotropic and Homogeneous Orientations for Nanoscale Phase-separated Domain of Light-emitting Amphiphilic Block Copolymer Bearing a 2,5-Diarylthiazole Moiety. <i>Chemistry Letters</i> , 2008 , 37, 272-273	1.7	14
102	Isomerization of (Z)-alkenylsilanes to (E)-isomers with hydrosilane and RhI(PPh ₃) ₃ . <i>Canadian Journal of Chemistry</i> , 2001 , 79, 1522-1524	0.9	14
101	Preparation of Fluorescent Materials from Biomass-Derived Furfural and Natural Amino Acid Cysteine through Cross-Coupling Reactions for Extended π -Conjugation. <i>Synlett</i> , 2015 , 26, 1496-1500	2.2	13
100	Magnesium Bisamide-Mediated Halogen Dance of Bromothiophenes. <i>Organic Letters</i> , 2018 , 20, 1688-1691	5.12	13
99	Polythiophene synthesis via halogen dance. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 678-682	5.2	13
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