

Atsunori Mori

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.

231
papers

8,704
citations

45
h-index

84
g-index

300
ext. papers

9,358
ext. citations

3.8
avg, IF

5.85
L-index

#	Paper	IF	Citations
231	"Snapshot" Trapping of Multiple Transient Azolyllithiums in Batch. <i>Chemistry - A European Journal</i> , 2021 , 27, 10267-10273	4.8	3
230	Synthesis and Racemization Studies of Winding Vine-Shaped Biphenyl Derivatives. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3465-3471	3.2	
229	"Snapshot" Trapping of Multiple Transient Azolyllithiums in Batch. <i>Chemistry - A European Journal</i> , 2021 , 27, 10214	4.8	
228	One-Shot Deprotonative Metalation/Transmetalation/Polymerization of Halothiophenes Catalyzed by Nickel Complex for Polythiophene Synthesis. <i>Synthesis</i> , 2021 , 53, 3081-3084	2.9	2
227	Thermally-Induced Doping of the Regioregular Polythiophene Bearing Alkylene Spaced Benzene sulfonate Group at the Side Chain. <i>Heterocycles</i> , 2021 , 103, 249	0.8	0
226	Total Synthesis of Lamellarins G, J, L, and Z Using One-Pot Halogen Dance/Negishi Coupling. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13388-13401	4.2	2
225	Convergent Total Synthesis of Lamellarins and Their Congeners. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8603-8617	4.2	14
224	Structure- and Functionality-Based Molecular Design of Azoles and Thiophenes. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1200-1212	5.1	3
223	Steric effects on deprotonative generation of cyclohexynes and 1,2-cyclohexadienes from cyclohexenyl triflates by magnesium amides. <i>Tetrahedron</i> , 2020 , 76, 131103	2.4	6
222	Dehalogenative or Deprotonative? The Preparation Pathway to the Organometallic Monomer for Transition-Metal-Catalyzed Catalyst-Transfer-Type Polymerization of Thiophene Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 6976-6987	4.8	8
221	Thermally Induced Self-Doping of π -Conjugated Polymers Bearing a Pendant Neopentyl Sulfonate Group. <i>Macromolecules</i> , 2020 , 53, 1171-1179	5.5	7
220	Thermoelectric thiophene dendrimers with large Seebeck coefficients. <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 809-814	4.6	4
219	Formation of Seven-Membered-Ring Fused Bithiophene Derivatives by Nosyl Annulation. <i>Heterocycles</i> , 2020 , 101, 461	0.8	3
218	One-Pot Deprotonative Synthesis of Biarylazacyclooctynones. <i>Synlett</i> , 2020 , 31, 189-193	2.2	1
217	Trapping of Transient Thienyllithiums Generated by Deprotonation of 2,3- or 2,5-Dibromothiophene in a Flow Microreactor. <i>Synlett</i> , 2020 , 31, 1913-1918	2.2	5
216	Structural deformation of elastic polythiophene with disiloxane moieties under stretching. <i>Polymer Journal</i> , 2020 , 52, 1273-1278	2.7	1
215	Formal preparation of regioregular and alternating thiophene-thiophene copolymers bearing different substituents. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 317-324	2.5	2

214	Unprecedented Regioregular Poly(1,4-arylene)s Prepared by Nickel(II)-Catalyzed Cross-Coupling Polymerization of 2,5-Disubstituted Bromo(chloro)arylene. <i>Angewandte Chemie</i> , 2019 , 131, 9647-9650	3.6	1
213	Unprecedented Regioregular Poly(1,4-arylene)s Prepared by Nickel(II)-Catalyzed Cross-Coupling Polymerization of 2,5-Disubstituted Bromo(chloro)arylene. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9547-9550	16.4	4
212	Synthesis and Properties of Regioregular Polythiophene Bearing Cyclic Siloxane Moiety at the Side Chain and the Formation of Polysiloxane Gel by Acid Treatment of the Thin Film. <i>Chemistry Letters</i> , 2019 , 48, 611-614	1.7	7
211	Transition-Metal-Catalyzed Cross-coupling of Organosilicon Compounds 2019 , 271-332		5
210	Synthesis of 4,4-Dimethyl-2-(2-pyrrolyl)-2-oxazolines. <i>Heterocycles</i> , 2019 , 98, 63	0.8	1
209	Synthesis of Furan-Fused Silole and Phosphole by One-Pot Halogen Dance/Homocoupling of Bromofurfural Derivative. <i>Heterocycles</i> , 2019 , 99, 1444	0.8	3
208	Computational Studies on the Racemization Barriers of Winding Vine-Shaped Heterobiaryls with Molecular Asymmetry. <i>Heterocycles</i> , 2019 , 99, 294	0.8	3
207	Alternative Aspects of Polythiophenes 2019 , 153-165		2
206	Practical Synthesis of Precursors of Cyclohexyne and 1,2-Cyclohexadiene. <i>Synthesis</i> , 2019 , 51, 1561-1564	2.9	5
205	Fabrication and characterization of elastomeric semiconductive thiophene polymers by peroxide crosslinking. <i>Polymer Journal</i> , 2019 , 51, 257-263	2.7	7
204	Magnesium Bisamide-Mediated Halogen Dance of Bromothiophenes. <i>Organic Letters</i> , 2018 , 20, 1688-1691	3.2	13
203	Deprotonative Generation of Cyclohexynes from Cyclic Enol Triflates Using Aluminate Bases. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1298-1301	3	2
202	Preparation of uncurled and planar multilayered graphene using polythiophene derivatives via liquid-phase exfoliation of graphite. <i>FlatChem</i> , 2018 , 8, 31-39	5.1	6
201	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
200	Chirality recognition of winding vine-shaped heterobiaryls with molecular asymmetry. Kinetic and dynamic kinetic resolution by Shi's asymmetric epoxidation. <i>Scientific Reports</i> , 2018 , 8, 1704	4.9	5
199	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
198	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
197	Synthesis of Phenol and Naphthol Derivatives from Furfural. <i>Heterocycles</i> , 2018 , 97, 580	0.8	1

196	Nosyl (2-Nitrobenzenesulfonyl) Annulation Strategy toward Winding Vine-Shaped Bithiophenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14797-14801	4.2	4
195	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
194	Regiocontrolled Halogen Dance of Bromothiophenes and Bromofurans. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14126-14137	4.2	11
193	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
192	Remarkable Reactivity Differences of Chlorothiophene and Chlorinated Oligothiophenes in NiCl ₂ (PPh ₃) ₂ -catalyzed Polymerization. <i>Chemistry Letters</i> , 2017 , 46, 453-455	1.7	8
191	Polymerization of Furylthiazoles with Palladium-Catalyzed Direct Arylation Polycondensation. <i>Bulletin of the Chemical Society of Japan</i> , 2017 , 90, 565-567	5.1	1
190	Generation of cycloalkynes through deprotonation of cyclic enol triflates with magnesium bisamides. <i>Chemical Communications</i> , 2017 , 53, 2614-2617	5.8	12
189	Benzoxazole-Directed Halogen Dance of Bromofuran. <i>Synlett</i> , 2017 , 28, 1106-1110	2.2	10
188	Metal-selective Deprotection-mediated Palladium(II) Extraction by Ionic Liquids with Tetrahydropyran-2H-yl-protected Thiol Moieties. <i>Chemistry Letters</i> , 2017 , 46, 434-437	1.7	7
187	Molecular weight effect on surface and bulk structure of poly(3-hexylthiophene) thin films. <i>Polymer</i> , 2017 , 119, 76-82	3.9	11
186	Mechanical, Thermal, and Electrical Properties of Flexible Polythiophene with Disiloxane Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700197	2.6	20
185	Preparation of Furan Dimer-based Biopolyester Showing High Melting Points. <i>Chemistry Letters</i> , 2017 , 46, 1535-1538	1.7	18
184	A Step-Efficient Pathway to Chlorine-Functionalized Thiophene Oligomers by Palladium-Catalyzed Deprotonative Coupling of Chlorothiophenes. <i>Synthesis</i> , 2017 , 49, 1285-1294	2.9	2
183	Synthesis of Unsymmetrical Heterobiaryls with Winding Vine-Shaped Molecular Asymmetry through a Condensation Pathway. <i>Heterocycles</i> , 2017 , 95, 268	0.8	5
182	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
181	Nickel, [1,3-bis[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene]dichloro(triphenylphosphine)-, (SP-4-1)- 2016 , 1-3		
180	Bithiophene with Winding Vine-shaped Molecular Asymmetry. Preparation, Structural Characterization, and Enantioselective Synthesis. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 1480-1486	5.1	1486
179	Synthesis of Furan-Oxazole Conjugated Fluorescent Materials from Biomass-Derived Furfural through Cross-Coupling Reactions. <i>Heterocycles</i> , 2016 , 93, 140	0.8	5

178	Synthesis of Oligo(thienylene-vinylene) by Regiocontrolled Deprotonative Cross-Coupling. <i>Organic Letters</i> , 2016 , 18, 650-3	6.2	6
177	Synthesis of Poly(3-substituted thiophene)s of Remarkably High Solubility in Hydrocarbon via Nickel-Catalyzed Deprotonative Cross-Coupling Polycondensation. <i>Macromolecules</i> , 2016 , 49, 1259-1269	5.5	28
176	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
175	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
174	Studies on the Effect of N-Heterocyclic Carbene as a Ligand for Nickel(II)-Catalyzed Polymerization of Thiophenes. <i>Heterocycles</i> , 2015 , 90, 617	0.8	3
173	Linear-selective cross-coupling polymerization of branched oligothiophene by deprotonative metalation and cross-coupling. <i>Polymer Chemistry</i> , 2015 , 6, 6573-6578	4.9	6
172	Synthetic Design of TPEN Derivatives for Selective Extraction of Trivalent Minor Actinides against Lanthanides. <i>Chemistry Letters</i> , 2015 , 44, 1626-1636	1.7	8
171	Studies on Diastereoselective Functionalization, Optical Resolution, and Racemization Behaviors of Macrocyclic Bisimidazole of Winding-Vine-Shaped Molecular Asymmetry. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 1331-1337	5.1	6
170	Enantioselective Synthesis of Macrocyclic Heterobiaryl Derivatives of Molecular Asymmetry by Molybdenum-Catalyzed Asymmetric Ring-Closing Metathesis. <i>Angewandte Chemie</i> , 2015 , 127, 5009-5013	3.6	6
169	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
168	Ethylaluminum as an ethylene source for the Mizoroki-Heck-type reaction. Rhodium-catalyzed preparation of stilbene derivatives. <i>Chemical Communications</i> , 2015 , 51, 1949-52	5.8	4
167	Rhodium-Catalyzed Cross-Coupling of Vinylarenes with Arylaluminum Reagents in the Presence of Ketones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1167-1171	3.2	8
166	Nickel(II)-Catalyzed Cross-Coupling Polycondensation of Thiophenes via C β Bond Cleavage. <i>Organometallics</i> , 2014 , 33, 12-15	3.8	20
165	Polythiophene synthesis via halogen dance. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 678-682	5.2	13
164	Palladium-Catalyzed α Arylation of Carboxylic Acid Derivatives with Grignard Reagent. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4254-4257	3.2	6
163	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
162	Introduction of Heteroarene Functionality on the Bipedal-Thiol-Capped Gold Nanoparticle by Deprotonative C-H Coupling with Palladium Complex. <i>Heterocycles</i> , 2014 , 88, 213	0.8	2
161	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

160	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
159	Studies on the preference of multiple coupling in the introduction of thiophene ring into poly-halogenated aromatic compounds with nickel NHC catalyst. <i>Tetrahedron Letters</i> , 2013 , 54, 1976-1979		13
158	Deprotonative Metalation of Chlorothiophene with Grignard Reagents and Catalytic cis-2,6-Dimethylpiperidine under Mild Conditions. <i>Synlett</i> , 2013 , 24, 1133-1136	2.2	13
157	Facile Preparation of Poly(3-substituted thiophene) Block Copolymers by Nickel-catalyzed Deprotonative Polycondensation without External Generation of Thiophene Organometallic Species. <i>Chemistry Letters</i> , 2013 , 42, 1200-1202	1.7	9
156	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
155	Copper-catalyzed oxidative C-H, N-H coupling of azoles and thiophenes. <i>Tetrahedron</i> , 2012 , 68, 3585-3590	2.4	45
154	Generation of metalated thiophenes with Grignard reagent and catalytic secondary amine for the cross coupling reaction with aryl halides. <i>Tetrahedron Letters</i> , 2012 , 53, 1173-1176	2	12
153	Synthesis of thiol-capped gold nanoparticle with a flow system using organosilane as a reducing agent. <i>Tetrahedron Letters</i> , 2012 , 53, 4457-4459	2	8
152	C-H Arylation of 3-Substituted Thiophene with Regioselective Deprotonation by TMPMgClLiCl and Transition Metal Catalyzed Cross Coupling. <i>Heterocycles</i> , 2012 , 86, 255	0.8	7
151	Synthetic Approach to N,N,N',N'-Tetrakis[(2-pyridylmethyl)ethylenediamine] (TPEN) Derivatives through Ruthenium-Catalyzed-[2+2+2]cycloaddition. <i>Heterocycles</i> , 2012 , 84, 527	0.8	4
150	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
149	Synthesis of π -conjugated poly(thienylenearylene)s with nickel-catalyzed C-H functionalization polycondensation. <i>Polymer Journal</i> , 2012 , 44, 1209-1213	2.7	14
148	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
147	Quadruple click: a facile pathway leading to tetrakis(4-(1,2,3-triazolyl)methyl)-ethylenediamine derivatives as a new class of extracting agents for soft metal ions. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1679-83	4.5	11
146	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
145	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
144	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
143	Temperature-Dependent Change of Extraction Performance of Soft Cadmium(II) Ion with TPEN-IPAA Gel. Studies on the Effect of the Ethylenediamine Skeleton. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 122-124	5.1	6

142	Cross Coupling on Gold Nanoparticles. Effect of Reinforced Affinity of Organic Group with Bipodal Thiol. <i>Chemistry Letters</i> , 2011 , 40, 1450-1452	1.7	5
141	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
140	Synthesis and Properties of Seleno-analog MK-organic Dye for Photovoltaic Cells Prepared by C-H Functionalization Reactions of Selenophene Derivatives. <i>Chemistry Letters</i> , 2011 , 40, 922-924	1.7	30
139	Thermoresponsive extraction of cadmium(II) ions by poly(TPEN-NIPAA) gels. Effect of chain length and branched spacer structure on gel formation and extraction behavior. <i>Polymer Journal</i> , 2011 , 43, 630-634	2.7	11
138	Iterative Extension of Thiophene Ring Leading to Head-to-Tail-Type Oligothiophenes via Stepwise C-H Arylation and Halogen Exchange Sequence. <i>Heterocycles</i> , 2010 , 82, 505	0.8	19
137	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
136	Am/Eu Separation with a New Ligand, N,N,N',N'-tetrakis((4-butoxypyridin-2-yl)methyl)ethylenediamine (TBPEN), a Hydrophobic Derivative of TPEN. <i>Journal of Nuclear Science and Technology</i> , 2010 , 47, 123-126	1	10
135	C-H functionalization of heteroaromatic compounds by transition metal catalysis. <i>Journal of Physics: Conference Series</i> , 2010 , 232, 012010	0.3	1
134	Construction of Fused Thiophene Ring System via Intramolecular C-H Arylation by Palladium Catalysis. <i>Heterocycles</i> , 2010 , 80, 103	0.8	4
133	Extraction of Cd ²⁺ and Am ³⁺ Ions into Organic and Fluorous Solvents with a TPEN Chelating Agent bearing a Fluoroalkyl Substituent. <i>Chemistry Letters</i> , 2010 , 39, 774-776	1.7	8
132	Solvent Diversity in the Preparation of Alkanethiol-capped Gold Nanoparticles. An Approach with a Gold(I) Thiolate Complex. <i>Chemistry Letters</i> , 2010 , 39, 319-321	1.7	3
131	Thermo-responsive extraction of cadmium(II) ion with TPEN-NIPAA 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
130	Oxidative dimerization of azoles via copper(II)/silver(I)-catalyzed C-H homocoupling. <i>Tetrahedron Letters</i> , 2010 , 51, 850-852	2	87
129	Palladium-Catalyzed Arylation at C-H and C-C Bonds of Masked Thiazole Derivatives. <i>Heterocycles</i> , 2009 , 79, 303	0.8	9
128	C-H and C-Si Functionalization of Furan Derivatives: Palladium-Catalyzed Homocoupling and Arylation Reactions. <i>Synlett</i> , 2009 , 2009, 1941-1944	2.2	6
127	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
126	Solvent extraction of perchlorate ions with podand-type nitrogen donor ligands. <i>Separation and Purification Technology</i> , 2009 , 68, 288-290	8.3	14
125	Direct amination of azoles via catalytic C-H, N-H coupling. <i>Organic Letters</i> , 2009 , 11, 1607-10	6.2	342

124	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
123	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
122	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
121	Synthesis of Thiol-capped Gold Nanoparticles with Organometallic Reagents as a New Class of Reducing Agent. <i>Chemistry Letters</i> , 2009 , 38, 562-563	1.7	10
120	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
119	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
118	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
117	Triethylsilane as a mild and efficient reducing agent for the preparation of alkanethiol-capped gold nanoparticles. <i>Chemical Communications</i> , 2008 , 3882-4	5.8	30
116	Extraction of Soft Metals from Acidic Media with Nitrogen-Donor Ligand TPEN and its Analogs. <i>Separation Science and Technology</i> , 2008 , 43, 2630-2640	2.5	13
115	Effect of the Use of Bulky Alkylphosphines in the Sonogashira Coupling with Aqueous Ammonia. <i>Heterocycles</i> , 2008 , 76, 819	0.8	9
114	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
113	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
112	Electrophilic Substitution of Platinum(II) Complexes with Thiophene Derivatives. <i>Chemistry Letters</i> , 2008 , 37, 542-543	1.7	9
111	Synthesis of thiophene derivatives via palladium-catalyzed coupling reactions. <i>Tetrahedron Letters</i> , 2008 , 49, 1000-1003	2	42
110	Studies on synthesis of 5,5'-distyryl-2,2'-bithiophene derivatives and their optical and electrochemical properties. <i>Transactions of the Materials Research Society of Japan</i> , 2008 , 33, 127-130	0.2	
109	Photoluminescent and liquid-crystalline properties of donor-acceptor-type 2,5-diarylthiazoles. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 301-5	4.5	29
108	Silicone as an organosilicon reagent for the palladium-catalyzed cross-coupling reaction. <i>Reactive and Functional Polymers</i> , 2007 , 67, 1264-1276	4.6	9
107	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

106	Palladium-Catalyzed Intramolecular C-H Arylation of Five-Membered N-Heterocycles. <i>Synlett</i> , 2006 , 2006, 3170-3172	2.2	7
105	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
104	Observation of Sequential Electrophilic Substitution of Bromothiophene and Immediate Reductive Elimination of Arylpalladium Complexes. <i>Chemistry Letters</i> , 2006 , 35, 1100-1101	1.7	27
103	Introduction of ethynylene and thienylene spacers into 2,5-diarylthiazole and 2,5-diarylthiophene. <i>Tetrahedron</i> , 2006 , 62, 9548-9553	2.4	44
102	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
101	One-pot construction of pyrazoles and isoxazoles with palladium-catalyzed four-component coupling. <i>Organic Letters</i> , 2005 , 7, 4487-9	6.2	195
100	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
99	New Activators for the Coupling Reaction of Terminal Alkynes with Organic Halides. <i>Bulletin of the Chemical Society of Japan</i> , 2005 , 78, 327-330	5.1	10
98	Sonogashira coupling with aqueous ammonia directed to the synthesis of azotolane derivatives. <i>Tetrahedron</i> , 2004 , 60, 9977-9982	2.4	37
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2	Am/Eu Separation with a New Ligand, N,N,N',N'-tetrakis((4-butoxypyridin-2-yl)methyl)ethylenediamine (TBPEN), a Hydrophobic Derivative of TPEN		1
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