Sunwoo Lee

List of Publications by Year in descending order

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172 papers	6,966 citations	61945 43 h-index	69214 77 g-index
230 all docs	230 docs citations	230 times ranked	5810 citing authors

#	Article	IF	Citations
1	Synthesis of DPIE [2-(1,2-Diphenyl-1H-indol-3-yl)ethanamine] Derivatives and Their Regulatory Effects on Pro-Inflammatory Cytokine Production in IL-1Î²-Stimulated Primary Human Oral Cells. Molecules, 2022, 27, 899.	1.7	0
2	In vivo imaging of invasive aspergillosis with 18F-fluorodeoxysorbitol positron emission tomography. Nature Communications, 2022, 13, 1926.	5.8	8
3	Preparation, Characterization, and Catalytic Properties of Pd-Graphene Quantum Dot Catalysts. Catalysts, 2022, 12, 619.	1.6	3
4	Synthesis of (Hetero)Aroyl Fluorides via a Mild Amides Câ^'N Bond Cleavage. Advanced Synthesis and Catalysis, 2022, 364, 2449-2453.	2.1	9
5	PMSA prevents osteoclastogenesis and estrogen-dependent bone loss in mice. Bone, 2021, 142, 115707.	1.4	11
6	Palladiumâ€Catalyzed Decarboxylative Homodimerization of Propiolic Acids: Synthesis of 1, 3â€Enynes. Bulletin of the Korean Chemical Society, 2021, 42, 514-516.	1.0	4
7	Recent Advances in the Catalytic Synthesis of Arylsulfonyl Compounds. ACS Catalysis, 2021, 11, 4169-4204.	5.5	93
8	Amide/Ester Cross-Coupling via Câ€“N/Câ€“H Bond Cleavage: Synthesis of Î²-Ketoesters. Journal of Organic Chemistry, 2021, 86, 5943-5953.	1.7	16
9	One-Pot Synthesis of Pentafluorophenyl Sulfonic Esters via Copper-Catalyzed Reaction of Aryl Diazonium Salts, DABSO, and Pentafluorophenol. Organic Letters, 2021, 23, 4516-4520.	2.4	19
10	Amides Activation: Transition Metalâ€Free Coupling Between <scp>Cï£¿N</scp> Activated Amides and Enolizable Amides. Bulletin of the Korean Chemical Society, 2021, 42, 1293-1295.	1.0	17
11	Sulfoxide and Sulfone Synthesis via Electrochemical Oxidation of Sulfides. Journal of Organic Chemistry, 2021, 86, 13790-13799.	1.7	23
12	Metalâ€Free Doubly Decarboxylative Threeâ€Component Reaction: Synthesis of Propargyl Amines. Asian Journal of Organic Chemistry, 2021, 10, 2530-2533.	1.3	1
13	Vinyl sulfone synthesis via copper-catalyzed three-component decarboxylative addition. Organic and Biomolecular Chemistry, 2021, 19, 7827-7831.	1.5	10
14	Metal-free transamidation of benzoylpyrrolidin-2-one and amines under aqueous conditions. Organic and Biomolecular Chemistry, 2021, 19, 6227-6232.	1.5	15
15	N â€[2â€(4â€benzoylâ€1â€piperazinyl)phenyl]â€2â€(4â€chlorophenoxy) acetamide is a novel inhibitor of resorptive bone loss in mice. Journal of Cellular and Molecular Medicine, 2021, 25, 1425-1438.	1.6	1
16	An overview on metal-related catalysts: metal oxides, nanoporous metals and supported metal nanoparticles on metal organic frameworks and zeolites. Rare Metals, 2020, 39, 751-766.	3.6	52
17	Metalâ€Free Decarboxylation of Alkynoic Acids for the Synthesis of Terminal Alkynes. Asian Journal of Organic Chemistry, 2020, 9, 1774-1777.	1.3	5
18	Palladium-Catalyzed Amide Nâ€“C Hiyama Cross-Coupling: Synthesis of Ketones. Organic Letters, 2020, 22, 9190-9195.	2.4	36

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19	Coupling of amides with ketones via Câ€“N/Câ€“H bond cleavage: a mild synthesis of 1,3-diketones. Organic Chemistry Frontiers, 2020, 7, 2931-2937.	2.3	21
20	Nickel/briphos-catalyzed transamidation of unactivated tertiary amides. Organic and Biomolecular Chemistry, 2020, 18, 6053-6057.	1.5	16
21	Palladium-catalyzed decarboxylative gem-selective addition of alkynoic acids to terminal alkynes. Organic Chemistry Frontiers, 2020, 7, 3918-3925.	2.3	9
22	Palladiumâ€Catalyzed Decarbonylative Thioetherification of 2â€Pyridyl Thioesters. Asian Journal of Organic Chemistry, 2020, 9, 1826-1833.	1.3	10
23	Sequential Oneâ€Pot Coupling Reactions of Diiodobenzenes, Propiolic Acid, and Aryl Halides for the Synthesis of Diarylalkynyl Arenes. Asian Journal of Organic Chemistry, 2020, 9, 1754-1759.	1.3	3
24	Transamidation via Câ€“N bond cleavage of amides and tertiary amines. Organic Chemistry Frontiers, 2020, 7, 2737-2743.	2.3	23
25	Nickel-Catalyzed Claisen Condensation Reaction between Two Different Amides. Organic Letters, 2020, 22, 2287-2292.	2.4	26
26	Synthesis of aryl allyl alkynes via reaction with allyl amine and aryl alkynoic acids through decarboxylation. Synthetic Communications, 2020, 50, 1008-1015.	1.1	0
27	Recent Advances in Decarboxylative Reactions of Alkynoic Acids. Synthesis, 2020, 52, 2277-2298.	1.2	25
28	Transamidation for the Synthesis of Primary Amides at Room Temperature. Organic Letters, 2020, 22, 3504-3508.	2.4	54
29	2-NPPA Mitigates Osteoclastogenesis via Reducing TRAF6-Mediated c-fos Expression. Frontiers in Pharmacology, 2020, 11, 599081.	1.6	4
30	Synthesis of S-aryl thioesters via palladium-catalyzed thiocarbonylation of aryl iodides and aryl sulfonyl hydrazides. Organic Chemistry Frontiers, 2020, 7, 2938-2943.	2.3	10
31	Selective Self-Assembly of a Rectangular Ruthenium Supramolecule from an Unsymmetrical Bridging Unit. Inorganic Chemistry, 2019, 58, 11493-11499.	1.9	8
32	Inhibitory Effects of N-[2-(4-acetyl-1-piperazinyl) phenyl]-2-(2-chlorophenoxy) acetamide on Osteoclast Differentiation In Vitro via the Downregulation of TRAF6. International Journal of Molecular Sciences, 2019, 20, 5196.	1.8	13
33	Electrochemical Coupling of Arylsulfonyl Hydrazides and Tertiary Amines for the Synthesis of Î²â€Amidovinyl Sulfones. European Journal of Organic Chemistry, 2019, 2019, 6951-6955.	1.2	19
34	Selective Mono- and Dialkynylation of 1-Fluoro-2,2-diiodovinylarenes Using Pd-Catalyzed Decarboxylative Coupling Reactions. Organic Letters, 2019, 21, 7923-7927.	2.4	13
35	CNT-CuO catalyzed Câ€“N bond formation for N-arylation of 2-phenylindoles. Journal of Organometallic Chemistry, 2019, 902, 120970.	0.8	7
36	PSTP-3,5-Me Inhibits Osteoclast Differentiation and Bone Resorption. Molecules, 2019, 24, 3346.	1.7	13

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37	Ni/Cu-Catalyzed Decarboxylative Addition of Alkynoic Acids to Terminal Alkynes for the Synthesis of gem-1,3-Enynes. Organic Letters, 2019, 21, 5426-5431.	2.4	14
38	Metalâ€Free Transamidation of Primary Amides using Trimethylsilyl Chloride. Asian Journal of Organic Chemistry, 2019, 8, 1613-1616.	1.3	20
39	Tin(IV)-Porphyrin Tetracarbonyl Cobaltate: An Efficient Catalyst for the Carbonylation of Epoxides. Catalysts, 2019, 9, 311.	1.6	11
40	Palladium-catalyzed decarboxylative aminocarbonylation with alkynoic acid and tertiary amine for the synthesis of alkynyl amide. Tetrahedron, 2019, 75, 4130-4137.	1.0	10
41	Decarboxylative Heckâ€Type Reactions of Thioacrylic Acid with Aryl Bromides. Bulletin of the Korean Chemical Society, 2019, 40, 487-488.	1.0	3
42	Heteroâ€Multinuclear Co 2 Pt 8 Supramolecular Cages Having D 4 Symmetry from Tetrapyridyl Metalloligands. Bulletin of the Korean Chemical Society, 2019, 40, 389-392.	1.0	3
43	Silver-Mediated Decarboxylative Fluorodiiodination of Alkynoic Acids: Synthesis of Regio- and Stereoselective Fluoroalkenes. Organic Letters, 2019, 21, 3485-3489.	2.4	15
44	Potassium coordination polymer complex containing tetrazolyl ligand. Journal of Molecular Structure, 2019, 1185, 50-56.	1.8	2
45	Substituent Effect in the Synthesis of Î±,Î±â€Dibromoketones, 1,2â€Dibromalkenes, and 1,2â€Diketones from the Reaction of Alkynes and Dibromoisocyanuric Acid. Advanced Synthesis and Catalysis, 2019, 361, 1846-1858.	2.1	18
46	Continuous flow reaction system for the synthesis of 2,2,2-trichloroacetophenone derivatives and its application. Tetrahedron Letters, 2018, 59, 991-994.	0.7	2
47	Synthesis of Î±,Î±â€Dichloroketones through Sequential Reaction of Decarboxylative Coupling and Chlorination. European Journal of Organic Chemistry, 2018, 2018, 781-784.	1.2	9
48	Arylsilylation of aryl halides using the magnetically recyclable bimetallic Pdâ€“Ptâ€“Fe₃O₄ catalyst. Chemical Communications, 2018, 54, 3492-3495.	2.2	12
49	Metalâ€Free Decarboxylative Trichlorination of Alkynyl Carboxylic Acids: Synthesis of Trichloromethyl Ketones. Advanced Synthesis and Catalysis, 2018, 360, 130-141.	2.1	20
50	⁶⁴Cu-Labeled Repebody Molecules for Imaging of Epidermal Growth Factor Receptorâ€“Expressing Tumors. Journal of Nuclear Medicine, 2018, 59, 340-346.	2.8	10
51	Nickel/Briphos-Catalyzed Direct Transamidation of Unactivated Secondary Amides Using Trimethylsilyl Chloride. Organic Letters, 2018, 20, 7563-7566.	2.4	55
52	Front Cover Picture: Organosilane-Patterned Paper-based Colorimetric Sensors for High-Throughput Screening of Cross-Coupling Reactions with Aryl Bromides (Adv. Synth. Catal. 20/2018). Advanced Synthesis and Catalysis, 2018, 360, 3819-3819.	2.1	0
53	Supramolecular Pt(II) and Ru(II) Trigonal Prismatic Cages Constructed with a Tris(pyridyl)borane Donor. Inorganic Chemistry, 2018, 57, 11696-11703.	1.9	17
54	Organosilaneâ€Patterned Paperâ€based Colorimetric Sensors for Highâ€Throughput Screening of Crossâ€Coupling Reactions with Aryl Bromides. Advanced Synthesis and Catalysis, 2018, 360, 3916-3923.	2.1	6

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55	Synthesis of Methylthiomethyl Esters by the Reaction of Carboxylic Acid with Dimethylsulfoxide. Bulletin of the Korean Chemical Society, 2018, 39, 906-908.	1.0	5
56	Palladium-catalyzed carbonylation of thioacetates and aryl iodides for the synthesis of S-aryl thioesters. Organic Chemistry Frontiers, 2018, 5, 2447-2452.	2.3	25
57	Decarboxylative Tribromination for the Selective Synthesis of Tribromomethyl Ketone and Tribromovinyl Derivatives. Advanced Synthesis and Catalysis, 2018, 360, 3978-3989.	2.1	17
58	DPIE [2-(1,2-diphenyl-1H-indol-3-yl)ethanamine] Augments Pro-Inflammatory Cytokine Production in IL-1Î²-Stimulated Primary Human Oral Cells. International Journal of Molecular Sciences, 2018, 19, 1835.	1.8	12
59	Palladium-Catalyzed Decarboxylative Coupling Reactions of Propiolic Acid Derivatives and Arylsulfonyl Hydrazide. Synthesis, 2018, 50, 3197-3204.	1.2	5
60	Nickel-catalyzed decarboxylative coupling of an alkynyl carboxylic acid with aryl iodides. Tetrahedron Letters, 2017, 58, 1413-1416.	0.7	18
61	Unique Ruthenium Bimetallic Supramolecular Cages From C₄-Symmetric Tetrapyridyl Metalloligands. Inorganic Chemistry, 2017, 56, 5471-5477.	1.9	12
62	Selective Synthesis of (E)- and (Z)-Allyl Nitriles via Decarboxylative Reactions of Alkynyl Carboxylic Acids with Azobis(alkylcarbonitriles). Organic Letters, 2017, 19, 2318-2321.	2.4	30
63	Zeolite-based copper catalyst for decarboxylative coupling of alkynyl carboxylic acids with aryl iodides. Catalysis Communications, 2017, 99, 83-88.	1.6	9
64	Paperâ€Based Colorimetric Sensor System for Highâ€Throughput Screening of Câ^'H Borylation. Chemistry - A European Journal, 2017, 23, 6282-6285.	1.7	8
65	One-pot synthesis of cinnamic anhydrides from cinnamic acids and 6-chloro-2,4-dimethoxy-sec-triazine (CDMT) at room temperature. Synthetic Communications, 2017, 47, 2449-2455.	1.1	1
66	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids with Aryl Tosylates. ACS Omega, 2017, 2, 6259-6269.	1.6	11
67	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids and Alkenyl Tosylates for the Synthesis of Enynones. Journal of Organic Chemistry, 2017, 82, 11150-11156.	1.7	20
68	RuO 2 supported NaY zeolite catalysts: Effect of preparation methods on catalytic performance during aerobic oxidation of benzyl alcohol. Solid State Sciences, 2017, 72, 150-155.	1.5	11
69	Alternating magnetic field mediated micro reaction system for palladium-catalyzed coupling reactions. RSC Advances, 2017, 7, 37181-37184.	1.7	5
70	Room temperature cyclization of arylpropiolic acid anhydride: Synthesis of naphtho[2,3-c]furan-1,3-dione derivatives. Synthetic Communications, 2017, 47, 1973-1979.	1.1	2
71	UV-irradiation-mediated palladium nanoparticle catalytic system: Heck and decarboxylative coupling reactions. Molecular Catalysis, 2017, 441, 21-27.	1.0	8
72	Catalytic Hydroxylation of Polyethylenes. ACS Central Science, 2017, 3, 895-903.	5.3	95

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73	Ruthenium-Catalyzed Câ€“H Activation of Salicylaldehyde and Decarboxylative Coupling of Alkynoic Acids for the Selective Synthesis of Homoisoflavonoids and Flavones. Organic Letters, 2017, 19, 6606-6609.	2.4	38
74	Aryl Chlorides as Coupling Partners in the Palladiumâ€catalyzed Decarboxylative Coupling Reactions of Propiolic Acids. Bulletin of the Korean Chemical Society, 2017, 38, 1368-1371.	1.0	2
75	Cationic Ti Complexes with Three [N,O]-Type Tetrazolyl Ligands: Tiâ†”Fe Transmetalation within Fe Metallascorpionate Complexes. Inorganic Chemistry, 2017, 56, 14060-14068.	1.9	5
76	Mechanistic studies on the metal-free decarboxylative coupling reaction for synthesis of propargylamines by NMR. Arkivoc, 2017, 2016, 1-12.	0.3	3
77	Nickel-Catalyzed Hiyama-type Decarboxylative Coupling of Propiolic Acids and Organosilanes. Journal of Organic Chemistry, 2016, 81, 5244-5249.	1.7	40
78	Nickel-catalyzed oxidative decarboxylative coupling reactions between alkynyl carboxylic acids and arylboronic acids. Tetrahedron Letters, 2016, 57, 4824-4828.	0.7	16
79	Palladium-catalyzed decarboxylative coupling reaction with alkynyl carboxylic acids and arylsiloxanes. Tetrahedron Letters, 2016, 57, 4581-4584.	0.7	10
80	Transitionâ€Metalâ€Free Decarboxylative Coupling Reactions for the Synthesis of Propargyl Alcohols. Asian Journal of Organic Chemistry, 2016, 5, 1148-1154.	1.3	8
81	Copperâ€Catalyzed Double Decarboxylative Coupling Reactions of Alkynyl Carboxylic Acid and Glyoxylic Acid: Synthesis of Propargyl Amines and Imidazopyridines. Asian Journal of Organic Chemistry, 2016, 5, 770-777.	1.3	25
82	Copperâ€catalyzed Decarboxylative Hydroboration: Synthesis of Vinyl Boronic Esters. Bulletin of the Korean Chemical Society, 2016, 37, 463-468.	1.0	4
83	High-Throughput Screening Protocol for the Coupling Reactions of Aryl Halides Using a Colorimetric Chemosensor for Halide Ions. Organic Letters, 2016, 18, 1720-1723.	2.4	24
84	Mitochondria-specific conjugated polymer nanoparticles. Chemical Communications, 2016, 52, 4910-4913.	2.2	20
85	One-pot synthesis of benzoylacetonitriles through sequential Pd-catalyzed carbonylation and decarboxylation. Tetrahedron Letters, 2016, 57, 239-242.	0.7	11
86	Synthesis of Terminal Allenes via a Copper-Catalyzed Decarboxylative Coupling Reaction of Alkynyl Carboxylic Acids. Journal of Organic Chemistry, 2016, 81, 303-308.	1.7	31
87	Copperâ€catalyzed Oneâ€Pot Synthesis of Isoindolinones from 2â€Chlorobenzoic Acid, Aryl Alkynyl Carboxylic Acid, and Ammonium Acetate. Bulletin of the Korean Chemical Society, 2015, 36, 1745-1746.	1.0	5
88	Copperâ€Catalyzed Synthesis of Aminoâ€Substituted Polycyclic Aromatic Hydrocarbons by the Sequential Reaction between Aryl Alkynyl Carboxylic Acids and Amines. Asian Journal of Organic Chemistry, 2015, 4, 969-974.	1.3	8
89	Continuous flow reactions in water for the synthesis of propargylamines via a metal-free decarboxylative coupling reaction. Tetrahedron Letters, 2015, 56, 4697-4700.	0.7	14
90	Copper-catalyzed direct synthesis of furans and thiophenes via decarboxylative coupling of alkynyl carboxylic acids with H2O or Na2S. Tetrahedron, 2015, 71, 4418-4425.	1.0	23

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91	Palladiumâ€Catalyzed Oxidative Aminocarbonylation by Decarboxylative Coupling: Synthesis of Alkynyl Amides. European Journal of Organic Chemistry, 2015, 2015, 2235-2243.	1.2	30
92	Additive-Free Decarboxylative Coupling of Cinnamic Acid Derivatives in Water: Synthesis of Allyl Amines. Organic Letters, 2015, 17, 1300-1303.	2.4	29
93	Preparation of polymer-bound palladium catalyst and its application to the reduction of nitro arenes and the hydrodehalogenation of aryl halides. Journal of Organometallic Chemistry, 2014, 755, 7-11.	0.8	13
94	Copper-catalyzed decarboxylative coupling reactions for the synthesis of propargyl amines. Tetrahedron Letters, 2014, 55, 4875-4878.	0.7	37
95	Palladium-Catalyzed Decarboxylative Trifluoroethylation of Aryl Alkynyl Carboxylic Acids. Journal of Organic Chemistry, 2014, 79, 3267-3271.	1.7	53
96	Copperâ€Catalyzed Selective Synthesis of Isoindolinâ€1â€ones and Isoquinolinâ€1â€ones from the Threeâ€Component Coupling of 2â€Halobenzoic Acid, Alkynylcarboxylic Acid and Ammonium Acetate. Advanced Synthesis and Catalysis, 2014, 356, 3433-3442.	2.1	33
97	Copper-Catalyzed Direct Synthesis of Diaryl 1,2-Diketones from Aryl Iodides and Propiolic Acids. Journal of Organic Chemistry, 2014, 79, 6279-6285.	1.7	56
98	Palladium-catalyzed hydrodehalogenation of aryl halides using paraformaldehyde as the hydride source: high-throughput screening by paper-based colorimetric iodide sensor. Tetrahedron Letters, 2013, 54, 5207-5210.	0.7	40
99	Palladium-catalyzed Câ€“S bond formation by using N-amido imidazolium salts as ligands. Tetrahedron Letters, 2013, 54, 6712-6715.	0.7	26
100	Regioselective Oneâ€Pot Synthesis of Isocoumarins and Phthalides from 2â€Iodobenzoic Acids and Alkynes by Temperature Control. Advanced Synthesis and Catalysis, 2013, 355, 3221-3230.	2.1	60
101	Pd-Catalyzed Selective Carbonylative and Non-carbonylative Couplings of Propiolic Acid: One-Pot Synthesis of Diarylalkynones. Organic Letters, 2013, 15, 1654-1657.	2.4	61
102	Palladiumâ€Catalyzed Sonogashira Reaction for the Synthesis of Arylalkynecarboxylic Acids from Aryl Bromides at Low Temperature. European Journal of Organic Chemistry, 2013, 2013, 1973-1978.	1.2	67
103	Ligand-free palladium-catalyzed decarboxylative coupling reactions of aryl iodides and alkynyl carboxylic acids. Journal of Organometallic Chemistry, 2013, 724, 271-274.	0.8	18
104	Palladiumâ€Catalyzed Synthesis of (Z)â€3â€Arylthioacrylic Acids and Thiochromenones. Advanced Synthesis and Catalysis, 2013, 355, 1160-1168.	2.1	25
105	Metal-Free Decarboxylative Three-Component Coupling Reaction for the Synthesis of Propargylamines. Organic Letters, 2013, 15, 3322-3325.	2.4	73
106	Transition metal-catalyzed decarboxylative coupling reactions of alkynyl carboxylic acids. RSC Advances, 2013, 3, 14165.	1.7	180
107	Synthesis of Poly(phenylenebutadiynylenes) Using the Decarboxylative Coupling of Propiolic Acid and Aryl Iodides. Synlett, 2013, 24, 1563-1567.	1.0	4
108	Efficient One-Pot Synthesis of the Unsymmetrical Diarylalkynes from Two Different Aryl Bromides and Propiolic Acid by Using Pd(PPh3)4Catalyst. Bulletin of the Korean Chemical Society, 2013, 34, 2859-2860.	1.0	9

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109	Ligand Effect in Recycled CNT-Pd Heterogeneous Catalyst for Decarboxylative Coupling Reactions. Bulletin of the Korean Chemical Society, 2013, 34, 2099-2104.	1.0	4
110	Palladium-Catalyzed Carbonylation with Mo(CO)6 for the Synthesis of Benzoylacetonitriles. Synthesis, 2012, 44, 2885-2888.	1.2	21
111	Synthesis, characterization of palladium hydroxysalen complex and its application in the coupling reaction of arylboronic acids: Mizorokiâ€“Heck type reaction and decarboxylative couplings. Inorganic Chemistry Communication, 2012, 23, 1-5.	1.8	18
112	Mechanistic study of palladiumâ€catalyzed decarboxylative coupling of phenylpropiolic acid and aryl iodide. Applied Organometallic Chemistry, 2012, 26, 650-654.	1.7	12
113	Preparation of reusable Ag-decorated graphene oxide catalysts for decarboxylative cycloaddition. Journal of Materials Chemistry, 2012, 22, 20665.	6.7	61
114	A simple, fast, and easy assay for transition metal-catalyzed coupling reactions using a paper-based colorimetric iodide sensor. Chemical Communications, 2012, 48, 8751.	2.2	24
115	Synthesis of Benzoylacetonitriles from Pd-Catalyzed Carbonylation of Aryl Iodides and Trimethylsilylacetonitrile. Organic Letters, 2012, 14, 1118-1121.	2.4	36
116	Nickel-catalyzed decarboxylative coupling reaction of alkynyl carboxylic acids and allyl acetates. Tetrahedron Letters, 2012, 53, 6908-6912.	0.7	37
117	Preparation of copper(II) oxide bound on polystyrene beads and its application in the aryl aminations: synthesis of Imatinib. Tetrahedron Letters, 2012, 53, 6657-6661.	0.7	14
118	Synthesis of Benzothiazoles through Copperâ€Catalyzed Oneâ€Pot Threeâ€Component Reactions with Use of Sodium Hydrosulfide as a Sulfur Surrogate. European Journal of Organic Chemistry, 2012, 2012, 1984-1993.	1.2	51
119	Copperâ€Catalyzed Decarboxylative Threeâ€Component Reactions for the Synthesis of Imidazo[1,2â€a]pyridines. European Journal of Organic Chemistry, 2012, 2012, 5038-5047.	1.2	74
120	Synthesis of aryl alkynyl carboxylic acids and aryl alkynes from propiolic acid and aryl halides by site selective coupling and decarboxylation. Tetrahedron Letters, 2012, 53, 733-737.	0.7	79
121	Pd-Catalyzed Carbonylative Reactions of Aryl Iodides and Alkynyl Carboxylic Acids via Decarboxylative Couplings. Organic Letters, 2011, 13, 944-947.	2.4	93
122	Insecticidal Activity of Rhamnolipid Isolated from Pseudomonas sp. EP-3 against Green Peach Aphid (Myzus persicae). Journal of Agricultural and Food Chemistry, 2011, 59, 934-938.	2.4	102
123	Consecutive Condensation, Câ€“N and Nâ€“N Bond Formations: A Copper- Catalyzed One-Pot Three-Component Synthesis of 2H-Indazole. Organic Letters, 2011, 13, 3542-3545.	2.4	163
124	Copper-Catalyzed, One-Pot, Three-Component Synthesis of Benzimidazoles by Condensation and Câ€“N Bond Formation. Journal of Organic Chemistry, 2011, 76, 9577-9583.	1.7	155
125	Preparation, characterization and catalytic properties of Pd-decorated carbon nanotubes possessing different linkers. Journal of Materials Chemistry, 2011, 21, 5999.	6.7	48
126	One-Pot Synthesis of Symmetrical and Unsymmetrical Aryl Sulfides by Pd-Catalyzed Couplings of Aryl Halides and Thioacetates. Journal of Organic Chemistry, 2011, 76, 4371-4378.	1.7	136

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127	Efficient synthesis of unsymmetric diarylalkynes from decarboxylative coupling in a continuous flow reaction system. Tetrahedron Letters, 2011, 52, 5064-5067.	0.7	22
128	Durability studies shed light on the design of novel self-healing artificial muscles by employing ionic network polymers. Journal of Controlled Release, 2011, 152, e229-e230.	4.8	4
129	Actuation of Electroâ€Active Artificial Muscle at Ultralow Frequency. Macromolecular Chemistry and Physics, 2011, 212, 635-642.	1.1	9
130	A Colorimetric Highâ€Throughput Screening Method for Palladiumâ€Catalyzed Coupling Reactions of Aryl Iodides Using a Gold Nanoparticleâ€Based Iodideâ€Selective Probe. Angewandte Chemie - International Edition, 2011, 50, 4386-4389.	7.2	46
131	Synthesis of symmetrical diarylalkyne from palladium-catalyzed decarboxylative couplings of propiolic acid and aryl bromides under water. Tetrahedron Letters, 2011, 52, 576-580.	0.7	44
132	One-pot synthesis of 1,4-diarylsubstituted 1,3-diynes from the sequential coupling reactions of aryl iodides and propiolic acid. Tetrahedron Letters, 2011, 52, 1766-1769.	0.7	38
133	Synthesis of Flavanol-4-ol and its Spectroscopic Properties in Aqueous Solution. Bulletin of the Korean Chemical Society, 2011, 32, 4092-4094.	1.0	3
134	Synthesis of Amidoâ€‹Nâ€‹imidazolium Salts and their Applications as Ligands in Suzukiâ€“Miyaura Reactions: Coupling of Heteroâ€‹aromatic Halides and the Synthesis of Milrinone and Irbesartan. Advanced Synthesis and Catalysis, 2010, 352, 3255-3266.	2.1	47
135	Synthesis of carbon nanotube supported Pd catalysts and evaluation of their catalytic properties for CC bond forming reactions. Journal of Molecular Catalysis A, 2010, 323, 28-32.	4.8	50
136	Electroactive artificial muscle based on crosslinked PVA/SPTES. Sensors and Actuators B: Chemical, 2010, 150, 57-64.	4.0	43
137	Palladium-catalyzed Mizorokiâ€“Heck coupling reactions using sterically bulky phosphite ligand. Inorganic Chemistry Communication, 2010, 13, 1329-1331.	1.8	13
138	Synthesis of Symmetrical and Unsymmetrical Diarylalkynes from Propiolic Acid Using Palladium-Catalyzed Decarboxylative Coupling. Journal of Organic Chemistry, 2010, 75, 6244-6251.	1.7	188
139	Silica-Supported Palladium-Catalyzed Hiyama Cross-Coupling Reactions Using Continuous Flow System. Bulletin of the Korean Chemical Society, 2010, 31, 250-252.	1.0	14
140	Ligand-Free Palladium Catalytic System Supported by CNT and its Application to the Mizoroki Heck Reactions. Bulletin of the Korean Chemical Society, 2010, 31, 1735-1738.	1.0	10
141	Ligand-free Palladium-Catalyzed Mizoroki-Heck-type Reaction of Arylboronic Acids and Alkenes Using Silver Cation. Bulletin of the Korean Chemical Society, 2010, 31, 1789-1792.	1.0	5
142	Suzuki-Miyaura Coupling Reactions Using Phosphite Ligands. Synthesis, 2009, 2009, 2073-2075.	1.2	2
143	Identification of an ISRâ€related metabolite produced by rhizobacterium Klebsiella oxytoca C1036 active against softâ€rot disease pathogen in tobacco. Pest Management Science, 2009, 65, 1114-1117.	1.7	21
144	Synthesis of Pdâ€“CNT nanocomposites and investigation of their catalytic behavior in the hydrodehalogenation of aryl halides. Tetrahedron Letters, 2009, 50, 6290-6292.	0.7	39

#	Article	IF	Citations
145	Novel biomimetic actuator based on SPEEK and PVDF. Sensors and Actuators B: Chemical, 2009, 143, 357-364.	4.0	90
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