

Sunwoo Lee

List of Publications by Year in descending order

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172
papers

6,966
citations

61945

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69214

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230
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230
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Improved Catalysts for the Palladium-Catalyzed Synthesis of Oxindoles by Amide α -Arylation. Rate Acceleration, Use of Aryl Chloride Substrates, and a New Carbene Ligand for Asymmetric Transformations. <i>Journal of Organic Chemistry</i> , 2001, 66, 3402-3415.	1.7	519
2	High Turnover Number and Rapid, Room-Temperature Amination of Chloroarenes Using Saturated Carbene Ligands. <i>Organic Letters</i> , 2000, 2, 1423-1426.	2.4	335
3	One-Pot Synthesis of Diarylalkynes Using Palladium-Catalyzed Sonogashira Reaction and Decarboxylative Coupling of sp Carbon and sp^2 Carbon. <i>Organic Letters</i> , 2008, 10, 945-948.	2.4	281
4	Efficient Synthesis of α -Aryl Esters by Room-Temperature Palladium-Catalyzed Coupling of Aryl Halides with Ester Enolates. <i>Journal of the American Chemical Society</i> , 2002, 124, 12557-12565.	6.6	233
5	Palladium-Catalyzed α -Arylation of Esters and Protected Amino Acids. <i>Journal of the American Chemical Society</i> , 2001, 123, 8410-8411.	6.6	230
6	Palladium-Catalyzed Synthesis of Arylamines from Aryl Halides and Lithium Bis(trimethylsilyl)amide as an Ammonia Equivalent. <i>Organic Letters</i> , 2001, 3, 2729-2732.	2.4	216
7	Synthesis of Symmetrical and Unsymmetrical Diarylalkynes from Propiolic Acid Using Palladium-Catalyzed Decarboxylative Coupling. <i>Journal of Organic Chemistry</i> , 2010, 75, 6244-6251.	1.7	188
8	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids and Aryl Halides. <i>Journal of Organic Chemistry</i> , 2009, 74, 1403-1406.	1.7	187
9	Transition metal-catalyzed decarboxylative coupling reactions of alkynyl carboxylic acids. <i>RSC Advances</i> , 2013, 3, 14165.	1.7	180
10	Consecutive Condensation, C–N and N–N Bond Formations: A Copper-Catalyzed One-Pot Three-Component Synthesis of 2-H-Indazole. <i>Organic Letters</i> , 2011, 13, 3542-3545.	2.4	163
11	Copper-Catalyzed, One-Pot, Three-Component Synthesis of Benzimidazoles by Condensation and C–N Bond Formation. <i>Journal of Organic Chemistry</i> , 2011, 76, 9577-9583.	1.7	155
12	One-Pot Synthesis of Symmetrical and Unsymmetrical Aryl Sulfides by Pd-Catalyzed Couplings of Aryl Halides and Thioacetates. <i>Journal of Organic Chemistry</i> , 2011, 76, 4371-4378.	1.7	136
13	A Biomimetic Actuator Based on an Ionic Networking Membrane of Poly(styrene- <i>alt</i> -maleimide)-Incorporated Poly(vinylidene fluoride). <i>Advanced Functional Materials</i> , 2008, 18, 1290-1298.	7.8	126
14	Aminocarbonylation of Aryl Halides Using a Nickel Phosphite Catalytic System. <i>Organic Letters</i> , 2007, 9, 4615-4618.	2.4	116
15	Insecticidal Activity of Rhamnolipid Isolated from <i>Pseudomonas</i> sp. EP-3 against Green Peach Aphid (<i>Myzus persicae</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 934-938.	2.4	102
16	Catalytic Hydroxylation of Polyethylenes. <i>ACS Central Science</i> , 2017, 3, 895-903.	5.3	95
17	Pd-Catalyzed Carbonylative Reactions of Aryl Iodides and Alkynyl Carboxylic Acids via Decarboxylative Couplings. <i>Organic Letters</i> , 2011, 13, 944-947.	2.4	93
18	Recent Advances in the Catalytic Synthesis of Arylsulfonyl Compounds. <i>ACS Catalysis</i> , 2021, 11, 4169-4204.	5.5	93

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19	Novel biomimetic actuator based on SPEEK and PVDF. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 357-364.	4.0	90
20	Pd-catalyzed asymmetric allylic alkylations using various diphenylphosphino(oxazolanyl)ferrocene ligands. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1179-1185.	1.8	87
21	The Scope and Limitation of Nickel-Catalyzed Aminocarbonylation of Aryl Bromides from Formamide Derivatives. <i>Journal of Organic Chemistry</i> , 2009, 74, 6358-6361.	1.7	83
22	Synthesis of aryl alkynyl carboxylic acids and aryl alkynes from propiolic acid and aryl halides by site selective coupling and decarboxylation. <i>Tetrahedron Letters</i> , 2012, 53, 733-737.	0.7	79
23	Biomimetic electro-active polymer based on sulfonated poly (styrene- <i>b</i> -ethylene-co-butylene- <i>b</i> -styrene). <i>Materials Letters</i> , 2007, 61, 5117-5120.	1.3	77
24	Copper-Catalyzed Decarboxylative Three-Component Reactions for the Synthesis of Imidazo[1,2- <i>a</i>]pyridines. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5038-5047.	1.2	74
25	Metal-Free Decarboxylative Three-Component Coupling Reaction for the Synthesis of Propargylamines. <i>Organic Letters</i> , 2013, 15, 3322-3325.	2.4	73
26	Palladium-Catalyzed Sonogashira Reaction for the Synthesis of Arylalkynecarboxylic Acids from Aryl Bromides at Low Temperature. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1973-1978.	1.2	67
27	Lithiation and phosphorylation of chiral 1,1'-bis(oxazolanyl)ferrocenes. <i>Tetrahedron Letters</i> , 1995, 36, 7263-7266.	0.7	62
28	Preparation of reusable Ag-decorated graphene oxide catalysts for decarboxylative cycloaddition. <i>Journal of Materials Chemistry</i> , 2012, 22, 20665.	6.7	61
29	Pd-Catalyzed Selective Carbonylative and Non-carbonylative Couplings of Propiolic Acid: One-Pot Synthesis of Diarylalkynones. <i>Organic Letters</i> , 2013, 15, 1654-1657.	2.4	61
30	Regioselective One-Pot Synthesis of Isocoumarins and Phthalides from 2-Hydroxybenzoic Acids and Alkynes by Temperature Control. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3221-3230.	2.1	60
31	Controlled Functionalization of Crystalline Polystyrenes via Activation of Aromatic C-H Bonds. <i>Macromolecules</i> , 2007, 40, 8600-8608.	2.2	57
32	Copper-Catalyzed Direct Synthesis of Diaryl 1,2-Diketones from Aryl Iodides and Propiolic Acids. <i>Journal of Organic Chemistry</i> , 2014, 79, 6279-6285.	1.7	56
33	Nickel/Briphos-Catalyzed Direct Transamidation of Unactivated Secondary Amides Using Trimethylsilyl Chloride. <i>Organic Letters</i> , 2018, 20, 7563-7566.	2.4	55
34	Palladium catalyzed-dehalogenation of aryl chlorides and bromides using phosphite ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 473-477.	0.8	54
35	Transamidation for the Synthesis of Primary Amides at Room Temperature. <i>Organic Letters</i> , 2020, 22, 3504-3508.	2.4	54
36	Palladium-Catalyzed Decarboxylative Trifluoroethylation of Aryl Alkynyl Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2014, 79, 3267-3271.	1.7	53

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37	An overview on metal-related catalysts: metal oxides, nanoporous metals and supported metal nanoparticles on metal organic frameworks and zeolites. <i>Rare Metals</i> , 2020, 39, 751-766.	3.6	52
38	Synthesis of Benzothiazoles through Copper-Catalyzed One-Pot Three-Component Reactions with Use of Sodium Hydrosulfide as a Sulfur Surrogate. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1984-1993.	1.2	51
39	Synthesis of carbon nanotube supported Pd catalysts and evaluation of their catalytic properties for CC bond forming reactions. <i>Journal of Molecular Catalysis A</i> , 2010, 323, 28-32.	4.8	50
40	Preparation, characterization and catalytic properties of Pd-decorated carbon nanotubes possessing different linkers. <i>Journal of Materials Chemistry</i> , 2011, 21, 5999.	6.7	48
41	Synthesis of Amidoimidazolium Salts and their Applications as Ligands in Suzuki-Miyaura Reactions: Coupling of Heteroaromatic Halides and the Synthesis of Milrinone and Irbesartan. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3255-3266.	2.1	47
42	A Colorimetric High-Throughput Screening Method for Palladium-Catalyzed Coupling Reactions of Aryl Iodides Using a Gold Nanoparticle-Based Iodide-Selective Probe. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4386-4389.	7.2	46
43	Synthesis of symmetrical diarylalkyne from palladium-catalyzed decarboxylative couplings of propiolic acid and aryl bromides under water. <i>Tetrahedron Letters</i> , 2011, 52, 576-580.	0.7	44
44	Electroactive artificial muscle based on crosslinked PVA/SPTES. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 57-64.	4.0	43
45	Palladium-catalyzed hydrodehalogenation of aryl halides using paraformaldehyde as the hydride source: high-throughput screening by paper-based colorimetric iodide sensor. <i>Tetrahedron Letters</i> , 2013, 54, 5207-5210.	0.7	40
46	Nickel-Catalyzed Hiyama-type Decarboxylative Coupling of Propiolic Acids and Organosilanes. <i>Journal of Organic Chemistry</i> , 2016, 81, 5244-5249.	1.7	40
47	Synthesis of Pd-CNT nanocomposites and investigation of their catalytic behavior in the hydrodehalogenation of aryl halides. <i>Tetrahedron Letters</i> , 2009, 50, 6290-6292.	0.7	39
48	Effects of solvent and lithiating agent on stereoselectivity in lithiation of chiral 1,1'-bis(oxazoliny)ferrocenes. <i>Tetrahedron Letters</i> , 1996, 37, 6137-6140.	0.7	38
49	1,1'-Bis(oxazoliny)ferrocene-based palladium catalysts: Synthesis, X-ray structures and applications in Suzuki and Heck coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1347-1355.	0.8	38
50	Palladium-catalyzed cross-coupling of trimethoxysilylbenzene with aryl bromides and chlorides using phosphite ligands. <i>Tetrahedron Letters</i> , 2006, 47, 8673-8678.	0.7	38
51	Fabrication and actuation of electro-active polymer actuator based on PSMI-incorporated PVDF. <i>Smart Materials and Structures</i> , 2008, 17, 045002.	1.8	38
52	One-pot synthesis of 1,4-diarylsubstituted 1,3-diynes from the sequential coupling reactions of aryl iodides and propiolic acid. <i>Tetrahedron Letters</i> , 2011, 52, 1766-1769.	0.7	38
53	Ruthenium-Catalyzed C-H Activation of Salicylaldehyde and Decarboxylative Coupling of Alkynoic Acids for the Selective Synthesis of Homoisoflavonoids and Flavones. <i>Organic Letters</i> , 2017, 19, 6606-6609.	2.4	38
54	Nickel-catalyzed decarboxylative coupling reaction of alkynyl carboxylic acids and allyl acetates. <i>Tetrahedron Letters</i> , 2012, 53, 6908-6912.	0.7	37

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55	Copper-catalyzed decarboxylative coupling reactions for the synthesis of propargyl amines. <i>Tetrahedron Letters</i> , 2014, 55, 4875-4878.	0.7	37
56	Synthesis of Benzoylacetonitriles from Pd-Catalyzed Carbonylation of Aryl Iodides and Trimethylsilylacetonitrile. <i>Organic Letters</i> , 2012, 14, 1118-1121.	2.4	36
57	Palladium-Catalyzed Amide N=C Hiyama Cross-Coupling: Synthesis of Ketones. <i>Organic Letters</i> , 2020, 22, 9190-9195.	2.4	36
58	Copper-Catalyzed Selective Synthesis of Isoindolin-1-ones and Isoquinolin-1-ones from the Three-Component Coupling of 2-Halobenzoic Acid, Alkynylcarboxylic Acid and Ammonium Acetate. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3433-3442.	2.1	33
59	Synthesis of Terminal Allenes via a Copper-Catalyzed Decarboxylative Coupling Reaction of Alkynyl Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2016, 81, 303-308.	1.7	31
60	Palladium-Catalyzed Oxidative Aminocarbonylation by Decarboxylative Coupling: Synthesis of Alkynyl Amides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2235-2243.	1.2	30
61	Selective Synthesis of (E)- and (Z)-Allyl Nitriles via Decarboxylative Reactions of Alkynyl Carboxylic Acids with Azobis(alkylcarbonitriles). <i>Organic Letters</i> , 2017, 19, 2318-2321.	2.4	30
62	Additive-Free Decarboxylative Coupling of Cinnamic Acid Derivatives in Water: Synthesis of Allyl Amines. <i>Organic Letters</i> , 2015, 17, 1300-1303.	2.4	29
63	Synthesis of phosphinodiselenoic acid esters and their application as RAFT agents in styrene polymerization. <i>Tetrahedron Letters</i> , 2008, 49, 5137-5140.	0.7	28
64	Palladium-catalyzed C-S bond formation by using N-amido imidazolium salts as ligands. <i>Tetrahedron Letters</i> , 2013, 54, 6712-6715.	0.7	26
65	Nickel-Catalyzed Claisen Condensation Reaction between Two Different Amides. <i>Organic Letters</i> , 2020, 22, 2287-2292.	2.4	26
66	Palladium-Catalyzed Synthesis of (Z)-Arylthioacrylic Acids and Thiochromenones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1160-1168.	2.1	25
67	Copper-Catalyzed Double Decarboxylative Coupling Reactions of Alkynyl Carboxylic Acid and Glyoxylic Acid: Synthesis of Propargyl Amines and Imidazopyridines. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 770-777.	1.3	25
68	Palladium-catalyzed carbonylation of thioacetates and aryl iodides for the synthesis of S-aryl thioesters. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2447-2452.	2.3	25
69	Recent Advances in Decarboxylative Reactions of Alkynoic Acids. <i>Synthesis</i> , 2020, 52, 2277-2298.	1.2	25
70	ortho-Silylation of 2,2-bis(oxazolonyl)-1,1-bis(diphenylphosphino)ferrocenes and remarkable effect of the silyl groups on the enantioselectivity in Pd-catalyzed asymmetric allylic alkylation. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 99-106.	0.8	24
71	A simple, fast, and easy assay for transition metal-catalyzed coupling reactions using a paper-based colorimetric iodide sensor. <i>Chemical Communications</i> , 2012, 48, 8751.	2.2	24
72	High-Throughput Screening Protocol for the Coupling Reactions of Aryl Halides Using a Colorimetric Chemosensor for Halide Ions. <i>Organic Letters</i> , 2016, 18, 1720-1723.	2.4	24

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73	Copper-catalyzed direct synthesis of furans and thiophenes via decarboxylative coupling of alkynyl carboxylic acids with H ₂ O or Na ₂ S. <i>Tetrahedron</i> , 2015, 71, 4418-4425.	1.0	23
74	Transamidation via C–N bond cleavage of amides and tertiary amines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2737-2743.	2.3	23
75	Sulfoxide and Sulfone Synthesis via Electrochemical Oxidation of Sulfides. <i>Journal of Organic Chemistry</i> , 2021, 86, 13790-13799.	1.7	23
76	Efficient synthesis of unsymmetric diarylalkynes from decarboxylative coupling in a continuous flow reaction system. <i>Tetrahedron Letters</i> , 2011, 52, 5064-5067.	0.7	22
77	Identification of an ISR-related metabolite produced by rhizobacterium <i>Klebsiella oxytoca</i> C1036 active against soft rot disease pathogen in tobacco. <i>Pest Management Science</i> , 2009, 65, 1114-1117.	1.7	21
78	Palladium-Catalyzed Carbonylation with Mo(CO) ₆ for the Synthesis of Benzoylacetonitriles. <i>Synthesis</i> , 2012, 44, 2885-2888.	1.2	21
79	Coupling of amides with ketones via C–N/C–H bond cleavage: a mild synthesis of 1,3-diketones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2931-2937.	2.3	21
80	Mitochondria-specific conjugated polymer nanoparticles. <i>Chemical Communications</i> , 2016, 52, 4910-4913.	2.2	20
81	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids and Alkenyl Tosylates for the Synthesis of Enynones. <i>Journal of Organic Chemistry</i> , 2017, 82, 11150-11156.	1.7	20
82	Metal-Free Decarboxylative Trichlorination of Alkynyl Carboxylic Acids: Synthesis of Trichloromethyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 130-141.	2.1	20
83	Metal-Free Transamidation of Primary Amides using Trimethylsilyl Chloride. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1613-1616.	1.3	20
84	Electrochemical Coupling of Arylsulfonyl Hydrazides and Tertiary Amines for the Synthesis of β -Amidovinyl Sulfones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6951-6955.	1.2	19
85	One-Pot Synthesis of Pentafluorophenyl Sulfonic Esters via Copper-Catalyzed Reaction of Aryl Diazonium Salts, DABSO, and Pentafluorophenol. <i>Organic Letters</i> , 2021, 23, 4516-4520.	2.4	19
86	Synthesis, characterization of palladium hydroxysalen complex and its application in the coupling reaction of arylboronic acids: Mizoroki–Heck type reaction and decarboxylative couplings. <i>Inorganic Chemistry Communication</i> , 2012, 23, 1-5.	1.8	18
87	Ligand-free palladium-catalyzed decarboxylative coupling reactions of aryl iodides and alkynyl carboxylic acids. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 271-274.	0.8	18
88	Nickel-catalyzed decarboxylative coupling of an alkynyl carboxylic acid with aryl iodides. <i>Tetrahedron Letters</i> , 2017, 58, 1413-1416.	0.7	18
89	Substituent Effect in the Synthesis of α,β -Dibromoketones, 1,2-Dibromalkenes, and 1,2-Diketones from the Reaction of Alkynes and Dibromoisocyanuric Acid. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1846-1858.	2.1	18
90	Homocoupling of Aryl Halides Using Catalytic System of Palladium and Phosphite. <i>Chemistry Letters</i> , 2007, 36, 1432-1433.	0.7	17

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91	Supramolecular Pt(II) and Ru(II) Trigonal Prismatic Cages Constructed with a Tris(pyridyl)borane Donor. <i>Inorganic Chemistry</i> , 2018, 57, 11696-11703.	1.9	17
92	Decarboxylative Tribromination for the Selective Synthesis of Tribromomethyl Ketone and Tribromovinyl Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3978-3989.	2.1	17
93	Amides Activation: Transition Metal-Free Coupling Between $\text{C}(\text{sp}^2)\text{N}$ Activated Amides and Enolizable Amides. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 1293-1295.	1.0	17
94	Nickel-catalyzed oxidative decarboxylative coupling reactions between alkynyl carboxylic acids and arylboronic acids. <i>Tetrahedron Letters</i> , 2016, 57, 4824-4828.	0.7	16
95	Nickel/briphos-catalyzed transamidation of unactivated tertiary amides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6053-6057.	1.5	16
96	Amide/Ester Cross-Coupling via $\text{C}=\text{N}/\text{C}=\text{H}$ Bond Cleavage: Synthesis of β -Ketoesters. <i>Journal of Organic Chemistry</i> , 2021, 86, 5943-5953.	1.7	16
97	Silver-Mediated Decarboxylative Fluorodiodination of Alkynoic Acids: Synthesis of Regio- and Stereoselective Fluoroalkenes. <i>Organic Letters</i> , 2019, 21, 3485-3489.	2.4	15
98	Metal-free transamidation of benzoylpyrrolidin-2-one and amines under aqueous conditions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6227-6232.	1.5	15
99	Preparation of copper(II) oxide bound on polystyrene beads and its application in the aryl aminations: synthesis of Imatinib. <i>Tetrahedron Letters</i> , 2012, 53, 6657-6661.	0.7	14
100	Continuous flow reactions in water for the synthesis of propargylamines via a metal-free decarboxylative coupling reaction. <i>Tetrahedron Letters</i> , 2015, 56, 4697-4700.	0.7	14
101	Ni/Cu-Catalyzed Decarboxylative Addition of Alkynoic Acids to Terminal Alkynes for the Synthesis of <i>gem</i> -1,3-Enynes. <i>Organic Letters</i> , 2019, 21, 5426-5431.	2.4	14
102	Silica-Supported Palladium-Catalyzed Hiyama Cross-Coupling Reactions Using Continuous Flow System. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 250-252.	1.0	14
103	Palladium-catalyzed Mizoroki-Heck coupling reactions using sterically bulky phosphite ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1329-1331.	1.8	13
104	Preparation of polymer-bound palladium catalyst and its application to the reduction of nitro arenes and the hydrodehalogenation of aryl halides. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 7-11.	0.8	13
105	Inhibitory Effects of N-[2-(4-acetyl-1-piperazinyl) phenyl]-2-(2-chlorophenoxy) acetamide on Osteoclast Differentiation In Vitro via the Downregulation of TRAF6. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5196.	1.8	13
106	Selective Mono- and Dialkynylation of 1-Fluoro-2,2-diiodovinylarenes Using Pd-Catalyzed Decarboxylative Coupling Reactions. <i>Organic Letters</i> , 2019, 21, 7923-7927.	2.4	13
107	PSTP-3,5-Me Inhibits Osteoclast Differentiation and Bone Resorption. <i>Molecules</i> , 2019, 24, 3346.	1.7	13
108	Synthesis of Phosphinodiselenoic Acid Ester Derivatives and their Application in the Controlled Radical Polymerization of Styrene. <i>Bulletin of the Korean Chemical Society</i> , 2009, 30, 2129-2131.	1.0	13

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109	Mechanistic study of palladium-catalyzed decarboxylative coupling of phenylpropionic acid and aryl iodide. <i>Applied Organometallic Chemistry</i> , 2012, 26, 650-654.	1.7	12
110	Unique Ruthenium Bimetallic Supramolecular Cages From C_4 -Symmetric Tetrapyrrolyl Metalloligands. <i>Inorganic Chemistry</i> , 2017, 56, 5471-5477.	1.9	12
111	Arylsilylation of aryl halides using the magnetically recyclable bimetallic Pd-Pt-Fe ₃ O ₄ catalyst. <i>Chemical Communications</i> , 2018, 54, 3492-3495.	2.2	12
112	DPIE [2-(1,2-diphenyl-1H-indol-3-yl)ethanamine] Augments Pro-Inflammatory Cytokine Production in IL-1 β -Stimulated Primary Human Oral Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1835.	1.8	12
113	One-pot synthesis of benzoylacetone nitriles through sequential Pd-catalyzed carbonylation and decarboxylation. <i>Tetrahedron Letters</i> , 2016, 57, 239-242.	0.7	11
114	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids with Aryl Tosylates. <i>ACS Omega</i> , 2017, 2, 6259-6269.	1.6	11
115	RuO ₂ supported NaY zeolite catalysts: Effect of preparation methods on catalytic performance during aerobic oxidation of benzyl alcohol. <i>Solid State Sciences</i> , 2017, 72, 150-155.	1.5	11
116	Tin(IV)-Porphyrin Tetracarbonyl Cobaltate: An Efficient Catalyst for the Carbonylation of Epoxides. <i>Catalysts</i> , 2019, 9, 311.	1.6	11
117	PMSA prevents osteoclastogenesis and estrogen-dependent bone loss in mice. <i>Bone</i> , 2021, 142, 115707.	1.4	11
118	Electrochemical Synthesis of Sulfonyl Fluorides from Sulfonyl Hydrazides. <i>Organic Chemistry Frontiers</i> , 0, , .	2.3	11
119	Palladium-catalyzed decarboxylative coupling reaction with alkynyl carboxylic acids and arylsiloxanes. <i>Tetrahedron Letters</i> , 2016, 57, 4581-4584.	0.7	10
120	⁶⁴ Cu-Labeled Repebody Molecules for Imaging of Epidermal Growth Factor Receptor-Expressing Tumors. <i>Journal of Nuclear Medicine</i> , 2018, 59, 340-346.	2.8	10
121	Palladium-catalyzed decarboxylative aminocarbonylation with alkynoic acid and tertiary amine for the synthesis of alkynyl amide. <i>Tetrahedron</i> , 2019, 75, 4130-4137.	1.0	10
122	Palladium-Catalyzed Decarbonylative Thioetherification of 2-Pyridyl Thioesters. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1826-1833.	1.3	10
123	Vinyl sulfone synthesis <i>via</i> copper-catalyzed three-component decarboxylative addition. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7827-7831.	1.5	10
124	Synthesis of <i>S</i> -aryl thioesters <i>via</i> palladium-catalyzed thiocarbonylation of aryl iodides and aryl sulfonyl hydrazides. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2938-2943.	2.3	10
125	Ligand-Free Palladium Catalytic System Supported by CNT and its Application to the Mizoroki Heck Reactions. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1735-1738.	1.0	10
126	Synthesis of phenanthroline derivatives by Sonogashira reaction and the use of their ruthenium complexes as optical sensors. <i>Inorganic Chemistry Communication</i> , 2008, 11, 97-100.	1.8	9

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127	Actuation of Electro-Active Artificial Muscle at Ultralow Frequency. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 635-642.	1.1	9
128	Zeolite-based copper catalyst for decarboxylative coupling of alkynyl carboxylic acids with aryl iodides. <i>Catalysis Communications</i> , 2017, 99, 83-88.	1.6	9
129	Synthesis of α,β -Dichloroketones through Sequential Reaction of Decarboxylative Coupling and Chlorination. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 781-784.	1.2	9
130	Palladium-catalyzed decarboxylative <i>gem</i> -selective addition of alkynoic acids to terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3918-3925.	2.3	9
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