

# Tian-Sheng Mei

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4782161/tian-sheng-mei-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

69

papers

9,780

citations

39

h-index

87

g-index

87

ext. papers

11,235

ext. citations

9.9

avg, IF

6.8

L-index

#	Paper	IF	Citations
69	Nickel-catalyzed electrochemical reductive relay cross-coupling of alkyl halides with alkyl carboxylic acids. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 6603-6608	5.2	4
68	Esterification of Carboxylic Acids with Aryl Halides via the Merger of Paired Electrolysis and Nickel Catalysis. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 15906-15913	4.2	6
67	Nickel-Catalyzed N-Arylation of NH-Sulfoximines with Aryl Halides via Paired Electrolysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9530-9535	3.6	7
66	Nickel-Catalyzed N-Arylation of NH-Sulfoximines with Aryl Halides via Paired Electrolysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9444-9449	16.4	21
65	Electrochemical 2,2,6,6-tetramethylpiperidiny-N-oxyl (TEMPO)-Mediated $\beta$ -Cyanation and Phosphonylation of Cyclic Amines with Metal-Free Conditions. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 3223	3	3
64	Transition metal-catalyzed organic reactions in undivided electrochemical cells. <i>Chemical Science</i> , <b>2021</b> , 12, 12866-12873	9.4	13
63	Copper-Catalyzed ortho-Sulfonylation with 5-Chloro-8-aminoquinoline Group-Directed. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 384	3	3
62	Electrooxidative Iridium-Catalyzed Regioselective Annulation of Benzoic Acids with Internal Alkynes. <i>Organic Letters</i> , <b>2021</b> , 23, 1209-1215	6.2	9
61	Divergent rhodium-catalyzed electrochemical vinylic C-H annulation of acrylamides with alkynes. <i>Nature Communications</i> , <b>2021</b> , 12, 930	17.4	15
60	Recent advances in organic electrosynthesis employing transition metal complexes as electrocatalysts. <i>Science Bulletin</i> , <b>2021</b> , 66, 2412-2412	10.6	35
59	TEMPO-Enabled Electrochemical Enantioselective Oxidative Coupling of Secondary Acyclic Amines with Ketones. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 15599-15605	16.4	19
58	Enantioselective Ni-Catalyzed Electrochemical Synthesis of Biaryl Atropisomers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9872-9878	16.4	65
57	Cu/TEMPO-Catalyzed Enantioselective C(sp <sup>3</sup> ) $\beta$ Alkynylation of Tertiary Cyclic Amines through Shono-Type Oxidation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15366-15371	3.6	10
56	Cu /TEMPO-Catalyzed Enantioselective C(sp <sup>3</sup> )-H Alkynylation of Tertiary Cyclic Amines through Shono-Type Oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15254-15259	16.4	39
55	Intermolecular Dearomatization of Naphthalene Derivatives by Photoredox-Catalyzed 1,2-Hydroalkylation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18062-18067	16.4	15
54	Site-Selective C-H Functionalization via Synergistic Use of Electrochemistry and Transition Metal Catalysis. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 300-310	24.3	264
53	Nickel-Catalyzed Negishi Coupling of Cyclobutanone Oxime Esters with Aryl Zinc Reagents. <i>Chinese Journal of Organic Chemistry</i> , <b>2020</b> , 40, 651	3	6

52	Electrochemical Rearrangement Cyclization Based on Alkyl Carboxylic Acids: Synthesis of Triazolopyridinone Derivatives. <i>Chinese Journal of Organic Chemistry</i> , <b>2020</b> , 40, 3982	3	4
51	Advances in Asymmetric Organotransition Metal-Catalyzed Electrochemistry. <i>Chinese Journal of Organic Chemistry</i> , <b>2020</b> , 40, 3738	3	19
50	Copper-Catalyzed Electrochemical Selective Bromination of 8-Aminoquinoline Amide Using NHBr as the Brominating Reagent. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 3497-3507	4.2	14
49	Nickel-Catalyzed Electrochemical Reductive Relay Cross-Coupling of Alkyl Halides to Aryl Halides. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6582-6586	3.6	19
48	Nickel-Catalyzed Electrochemical Reductive Relay Cross-Coupling of Alkyl Halides to Aryl Halides. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6520-6524	16.4	81
47	Nickel-Catalyzed Favorskii-Type Rearrangement of Cyclobutanone Oxime Esters to Cyclopropanecarbonitriles. <i>Synlett</i> , <b>2020</b> , 32,	2.2	1
46	Electrochemical Radical Formyloxylatation-Bromination, -Chlorination, and -Trifluoromethylation of Alkenes. <i>Organic Letters</i> , <b>2019</b> , 21, 3167-3171	6.2	49
45	Nickel-Catalyzed Carboxylation of Aryl and Heteroaryl Fluorosulfates Using Carbon Dioxide. <i>Organic Letters</i> , <b>2019</b> , 21, 2464-2467	6.2	35
44	Palladium-Catalyzed Electrochemical C-H Bromination Using NHBr as the Brominating Reagent. <i>Organic Letters</i> , <b>2019</b> , 21, 2645-2649	6.2	31
43	Nickel-Catalyzed Thiolation of Aryl Halides and Heteroaryl Halides through Electrochemistry. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5033-5037	16.4	99
42	Nickel-catalyzed Enantioselective Hydroarylation and Hydroalkenylation of Styrenes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 3395-3399	16.4	94
41	Electrochemistry-Enabled Ir-Catalyzed Vinylic C-H Functionalization. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18970-18976	16.4	77
40	Palladium-Catalyzed ortho-Selective C-H Chlorination of Arenes Using Anodic Oxidation. <i>Acta Chimica Sinica</i> , <b>2019</b> , 77, 866	3.3	21
39	Water as a Hydrogenating Agent: Stereodivergent Pd-Catalyzed Semihydrogenation of Alkynes. <i>Organic Letters</i> , <b>2019</b> , 21, 1412-1416	6.2	47
38	Nickel-Catalyzed Thiolation of Aryl Halides and Heteroaryl Halides through Electrochemistry. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5087-5091	3.6	32
37	Palladium-Catalyzed Electrochemical C-H Alkylation of Arenes. <i>Organometallics</i> , <b>2019</b> , 38, 1208-1212	3.8	21
36	Recent Advances in Organic Electrochemical C-H Functionalization. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 338-352	4.9	211
35	Transition-Metal-Catalyzed Carboxylation of Organic Halides and Their Surrogates with Carbon Dioxide. <i>Synthesis</i> , <b>2018</b> , 50, 35-48	2.9	56

34	Palladium-catalyzed reductive electrocarboxylation of allyl esters with carbon dioxide. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 2244-2248	5.2	67
33	Recent Advances in C-H Functionalization Using Electrochemical Transition Metal Catalysis. <i>ACS Catalysis</i> , <b>2018</b> , 8, 7179-7189	13.1	311
32	Copper-Catalyzed Electrochemical C-H Amination of Arenes with Secondary Amines. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 11487-11494	16.4	206
31	Palladium-Catalyzed C(sp)-H Oxygenation via Electrochemical Oxidation. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3293-3298	16.4	249
30	Regioselective Ni-Catalyzed Carboxylation of Allylic and Propargylic Alcohols with Carbon Dioxide. <i>Organic Letters</i> , <b>2017</b> , 19, 2969-2972	6.2	45
29	Palladium-Catalyzed C(sp)-H Acetoxylation via Electrochemical Oxidation. <i>Organic Letters</i> , <b>2017</b> , 19, 2905-2908	6.2	109
28	Palladium catalyzed CH functionalization with electrochemical oxidation. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 797-802	2	71
27	Palladium-catalyzed C-H activation/C-C cross-coupling reactions via electrochemistry. <i>Chemical Communications</i> , <b>2017</b> , 53, 12189-12192	5.8	97
26	C(sp <sup>3</sup> )-H Functionalization through Directed Radical H-Abstraction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 5871-4	16.4	94
25	Enantioselective construction of remote quaternary stereocentres. <i>Nature</i> , <b>2014</b> , 508, 340-4	50.4	323
24	Enantioselective redox-relay oxidative heck arylations of acyclic alkenyl alcohols using boronic acids. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6830-3	16.4	199
23	Synthesis of indolines via Pd(II)-catalyzed amination of C-H bonds using PhI(OAc) <sub>2</sub> as the bystanding oxidant. <i>Organic Letters</i> , <b>2013</b> , 15, 3058-61	6.2	109
22	Enantioselective Heck arylations of acyclic alkenyl alcohols using a redox-relay strategy. <i>Science</i> , <b>2012</b> , 338, 1455-8	33.3	334
21	Weak coordination as a powerful means for developing broadly useful C-H functionalization reactions. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 788-802	24.3	2291
20	Activation of remote meta-C-H bonds assisted by an end-on template. <i>Nature</i> , <b>2012</b> , 486, 518-22	50.4	663
19	Heterocycle Formation Palladium-Catalyzed C-H Functionalization. <i>Synthesis</i> , <b>2012</b> , 44, 1778-1791	2.9	141
18	Pd-catalyzed intermolecular C-H amination with alkylamines. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 7652-5	16.4	362
17	Passive F <sup>+</sup> -Oxidationsmittel ermöglichen die selektive reduktive Eliminierung hochvalenter Metallzentren in der Katalyse. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1514-1528	3.6	99

16	Bystanding F <sup>+</sup> oxidants enable selective reductive elimination from high-valent metal centers in catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1478-91	16.4	330
15	Expedient drug synthesis and diversification via ortho-C-H iodination using recyclable PdI <sub>2</sub> as the precatalyst. <i>Organic Letters</i> , <b>2010</b> , 12, 3140-3	6.2	136
14	Pd(II)-catalyzed o-C-H acetoxylation of phenylalanine and ephedrine derivatives with MeCOOO(t)Bu/Ac <sub>2</sub> O. <i>Organic Letters</i> , <b>2010</b> , 12, 2511-3	6.2	126
13	Studies on the Model Synthesis of the Brassinolide and Dolicholide <sup>+</sup> Side Chains. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 21, 893-897	4.9	
12	Versatile Pd(OTf) <sub>2</sub> x 2 H <sub>2</sub> O-catalyzed ortho-fluorination using NMP as a promoter. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 7520-1	16.4	350
11	Pd(II)-catalyzed amination of C-H bonds using single-electron or two-electron oxidants. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 10806-7	16.4	388
10	Pd(II)-catalyzed monoselective ortho halogenation of C-H bonds assisted by counter cations: a complementary method to directed ortho lithiation. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5215-9	16.4	296
9	Synthesis of indolines and tetrahydroisoquinolines from aryethylamines by Pd(II)-catalyzed C-H activation reactions. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6452-5	16.4	393
8	PdII-Catalyzed Monoselective ortho Halogenation of C?H Bonds Assisted by Counter Cations: A Complementary Method to Directed ortho Lithiation. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 5293-5297	3.6	84
7	Synthesis of Indolines and Tetrahydroisoquinolines from Aryethylamines by PdII-Catalyzed C?H Activation Reactions. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 6552-6555	3.6	130
6	Versatile Pd(II)-catalyzed C-H activation/aryl-aryl coupling of benzoic and phenyl acetic acids. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17676-7	16.4	288
5	Syn-anti epimerization of aldols by aldolate dianions. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 11	3.6	
4	Novel construction of the brassinolide side chain. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 5107-5108	2	15
3	Studies on novel macrocyclization methods of cembrane-type diterpenoids: a Stille cyclization approach to (E)-isocembrene. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 5921-5923	2	12
2	Total Synthesis of (E)-Isocembrene: A Tactic for Both Diene Construction and Macrocycle Formation. <i>Synthetic Communications</i> , <b>2003</b> , 33, 3761-3770	1.7	5
1	Electrochemical Rhodium-Catalyzed Enantioselective C≡C Annulation with Alkynes. <i>CCS Chemistry</i> , <b>2009</b> , 3501-3509	6	