

# Chin-Fa Lee

## List of Publications by Year in descending order

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51  
papers

2,202  
citations

279798

23  
h-index

223800

46  
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62  
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docs citations

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times ranked

1963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blue LED-Promoted Syntheses of Phosphorothioates and Phosphorodithioates. <i>Journal of Organic Chemistry</i> , 2022, 87, 8858-8870.	3.2	7
2	Supramolecular Nanosubstrate-Mediated Delivery for CRISPR/Cas9 Gene Disruption and Deletion. <i>Small</i> , 2021, 17, 2100546.	10.0	8
3	Carbon-Sulfur Bond Constructions: From Transition-Metal Catalysis to Sustainable Catalysis. <i>Chemical Record</i> , 2021, 21, 3674-3688.	5.8	23
4	The journey of C-S bond formation from metal catalysis to electrocatalysis. <i>New Journal of Chemistry</i> , 2021, 46, 15-38.	2.8	12
5	Supramolecular nanosubstrate-mediated delivery system enables CRISPR-Cas9 knockin of hemoglobin beta gene for hemoglobinopathies. <i>Science Advances</i> , 2020, 6, .	10.3	25
6	Palladium-Catalyzed Decarbonylative Thioetherification of 2-Pyridyl Thioesters. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1826-1833.	2.7	10
7	Blue LED-Promoted Oxathiacetalization of Aldehydes and Ketones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2542-2552.	2.4	8
8	Nickel-Catalyzed Cross-Coupling of Aryl Redoxactive Esters with Aryl Zinc Reagents. <i>ACS Catalysis</i> , 2019, 9, 8862-8866.	11.2	11
9	Electrochemical Dehydrogenative Phosphorylation of Thiols. <i>Organic Letters</i> , 2019, 21, 7833-7836.	4.6	39
10	Copper-catalyzed cross-coupling reaction of thiols with aryl halides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 678-681.	1.6	1
11	Syntheses of Thioethers and Selenide Ethers from Anilines. <i>Journal of Organic Chemistry</i> , 2019, 84, 6223-6231.	3.2	23
12	Front Cover Picture: Visible-Light Photoredox-Catalyzed Thioacetalization of Aldehydes Under Metal-Free and Solvent-Free Conditions ( <i>Adv. Synth. Catal.</i> 7/2019). <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1463-1463.	4.3	0
13	Visible-Light Photoredox-Catalyzed Thioacetalization of Aldehydes Under Metal-Free and Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1597-1605.	4.3	25
14	Iodine-Mediated Direct Generation of <i>ortho</i> -Quinone Methides at Room Temperature: A Facile Protocol for the Synthesis of <i>ortho</i> -Hydroxybenzyl Thioethers. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2475-2483.	3.3	5
15	Microwave-Assisted Synthesis of Thioesters from Aldehydes and Thiols in Water. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 24-27.	1.4	12
16	Palladium-Catalyzed Synthesis of 2,3-Diaryl- <i>N</i> -methylindoles from <i>ortho</i> -Alkynylanilines and Aryl Pinacol Boronic Esters. <i>Organic Letters</i> , 2018, 20, 6872-6876.	4.6	18
17	Cross-Linked Fluorescent Supramolecular Nanoparticles for Intradermal Controlled Release of Antifungal Drug-A Therapeutic Approach for Onychomycosis. <i>ACS Nano</i> , 2018, 12, 6851-6859.	14.6	19
18	Engineered C-S Bond Construction. <i>Topics in Current Chemistry</i> , 2018, 376, 25.	5.8	49

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19	CuI/Oxalic Diamide-Catalyzed Cross-Coupling of Thiols with Aryl Bromides and Chlorides. <i>Chemistry - A European Journal</i> , 2017, 23, 10087-10091.	3.3	44
20	A palladium-catalyzed oxidative cross-coupling reaction between aryl pinacol boronates and H-phosphonates in ethanol. <i>RSC Advances</i> , 2017, 7, 30214-30220.	3.6	13
21	Para-Selective C-H Thioetherification. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1667-1673.	2.7	10
22	Palladium-Catalyzed ortho-C-H Arylation of Acetophenone Oxime Ethers with Aryl Pinacol Boronic Esters. <i>Journal of Organic Chemistry</i> , 2017, 82, 10070-10076.	3.2	15
23	Peracetic Acid Mediated sp <sup>2</sup> C-H Selenation of Arenes. <i>Synlett</i> , 2016, 27, 1557-1562.	1.8	6
24	DTBP/TBHP-Promoted Hydroacylation of Unactivated Alkenes. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1452-1456.	2.7	22
25	PIFA-Mediated Synthesis of Acylsulfenic Acid Alkyl Esters and Benzoyl Alkyl Disulfides from Thioacids. <i>Synthesis</i> , 2016, 48, 4459-4464.	2.3	2
26	Phytoplasma SAP11 alters 3-isobutyl-2-methoxypyrazine biosynthesis in <i>Nicotiana benthamiana</i> by suppressing NbOMT1. <i>Journal of Experimental Botany</i> , 2016, 67, 4415-4425.	4.8	41
27	K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> /I <sub>2</sub> promoted syntheses of $\alpha$ -thio- $\beta$ -dicarbonyl compounds via oxidative C-S coupling reactions under transition metal-free and solvent-free conditions. <i>RSC Advances</i> , 2015, 5, 44299-44305.	3.6	36
28	Ligand-Free Copper-Catalyzed Cross-Coupling Reaction of Alkynes with Aryl Iodides and Vinyl Halides. <i>Synlett</i> , 2014, 25, 443-447.	1.8	7
29	Copper-Catalyzed Cross-Coupling Ligand-Free Conditions Reaction of Thiols with Aryl Iodides under. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 967-974.	1.4	9
30	Metal-free cross-coupling reaction of aldehydes with disulfides by using DTBP as an oxidant under solvent-free conditions. <i>Green Chemistry</i> , 2014, 16, 2644-2652.	9.0	89
31	Iron-Catalyzed Synthesis of Thioesters from Thiols and Aldehydes in Water. <i>Journal of Organic Chemistry</i> , 2014, 79, 4561-4568.	3.2	68
32	Transition-Metal-Catalyzed C-S Bond Coupling Reaction. <i>Chemistry - an Asian Journal</i> , 2014, 9, 706-722.	3.3	399
33	Transition-Metal-Free Syntheses of Pyridine-Containing Thioethers Through Two-Fold C-S Bond Formation. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1197-1203.	2.7	15
34	N-Chlorosuccinimide-promoted synthesis of thiophosphates from thiols and phosphonates under mild conditions. <i>Green Chemistry</i> , 2014, 16, 357-364.	9.0	85
35	Syntheses of selenoesters through C-H selenation of aldehydes with diselenides under metal-free and solvent-free conditions. <i>RSC Advances</i> , 2014, 4, 41237-41244.	3.6	15
36	Metal-free sp <sup>3</sup> C-H functionalization: a novel approach for the syntheses of selenide ethers and thioesters from methyl arenes. <i>Chemical Communications</i> , 2014, 50, 11374-11377.	4.1	66

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37	Synthesis of thioesters through copper-catalyzed coupling of aldehydes with thiols in water. <i>Green Chemistry</i> , 2013, 15, 2476.	9.0	79
38	Manganese-catalyzed Cross-coupling of Thiols with Aryl Iodides. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1029-1034.	3.3	45
39	A General Procedure for the Regioselective Synthesis of Aryl Thioethers and Aryl Selenides Through C-H Activation of Arenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3910-3918.	2.4	25
40	Microwave-Assisted Efficient Synthesis of Aryl Thioethers through C-H Functionalization of Arenes. <i>Synlett</i> , 2013, 24, 2320-2326.	1.8	7
41	Microwave-Assisted Copper-Catalyzed Cross-Coupling Reaction of Alkynes with Aryl Iodides and Vinyl Halides. <i>Synthesis</i> , 2012, 44, 1507-1510.	2.3	4
42	Synthesis of Aryl Thioethers through the <i>N</i> -Chlorosuccinimide-Promoted Cross-Coupling Reaction of Thiols with Grignard Reagents. <i>Journal of Organic Chemistry</i> , 2012, 77, 10369-10374.	3.2	87
43	Highly regioselective synthesis of aryl chalcogenides through C-H functionalization of arenes. <i>Chemical Communications</i> , 2012, 48, 8440.	4.1	80
44	Synthesis of Alkenyl Sulfides Through the Iron-Catalyzed Cross-Coupling Reaction of Vinyl Halides with Thiols. <i>Journal of Organic Chemistry</i> , 2012, 77, 6100-6106.	3.2	99
45	A general rhodium-catalyzed cross-coupling reaction of thiols with aryl iodides. <i>Tetrahedron Letters</i> , 2012, 53, 4365-4367.	1.4	53
46	Efficient Copper-Catalyzed S-Vinylation of Thiols with Vinyl Halides. <i>Organic Letters</i> , 2011, 13, 5204-5207.	4.6	93
47	An Efficient Copper-catalyzed Cross-coupling Reaction of Thiols with Aryl Iodides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1776-1781.	2.4	52
48	Green Catalysts Derived from Agricultural and Industrial Waste Products: The Preparation of Phenols from CsOH and Aryl Iodides using CuO on Mesoporous Silica. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7288-7293.	2.4	33
49	Efficient Copper-catalyzed Cross-coupling Reaction of Alkynes with Aryl Iodides. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4368-4371.	2.4	25
50	Synthesis of CuO on mesoporous silica and its applications for coupling reactions of thiols with aryl iodides. <i>Chemical Communications</i> , 2010, 46, 282-284.	4.1	147
51	Iron-catalyzed thioetherification of thiols with aryl iodides. <i>Chemical Communications</i> , 2009, , 4450.	4.1	136