

Christian A Malapit

List of Publications by Year in descending order

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28
papers

1,513
citations

394421

19
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Base-free nickel-catalysed decarbonylative Suzuki–Miyaura coupling of acid fluorides. <i>Nature</i> , 2018, 563, 100-104.	27.8	207
2	Advances on the Merger of Electrochemistry and Transition Metal Catalysis for Organic Synthesis. <i>Chemical Reviews</i> , 2022, 122, 3180-3218.	47.7	173
3	Palladium- and Nickel-Catalyzed Decarbonylative C–S Coupling to Convert Thioesters to Thioethers. <i>Organic Letters</i> , 2018, 20, 44-47.	4.6	113
4	Recent Applications of Oxetanes in the Synthesis of Heterocyclic Compounds. <i>Journal of Organic Chemistry</i> , 2015, 80, 8489-8495.	3.2	107
5	Transnitration from Dimethylmalononitrile to Aryl Grignard and Lithium Reagents: A Practical Method for Aryl Nitrile Synthesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 9481-9488.	13.7	99
6	Mechanism and Scope of Nickel-Catalyzed Decarbonylative Borylation of Carboxylic Acid Fluorides. <i>Journal of the American Chemical Society</i> , 2019, 141, 17322-17330.	13.7	94
7	Electroreductive Olefin–Ketone Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 20979-20986.	13.7	86
8	Pd-Catalyzed Decarbonylative Cross-Couplings of Aryl Chlorides. <i>Organic Letters</i> , 2017, 19, 4142-4145.	4.6	80
9	Cobalt-electrocatalytic HAT for functionalization of unsaturated C–C bonds. <i>Nature</i> , 2022, 605, 687-695.	27.8	65
10	<i>N</i> -Ammonium Ylide Mediators for Electrochemical C–H Oxidation. <i>Journal of the American Chemical Society</i> , 2021, 143, 7859-7867.	13.7	62
11	Rhodium-Catalyzed Transnitration of Aryl Boronic Acids with Dimethylmalononitrile. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 326-330.	13.8	54
12	Nickel-Catalyzed Decarbonylative Amination of Carboxylic Acid Esters. <i>Journal of the American Chemical Society</i> , 2020, 142, 5918-5923.	13.7	50
13	Nickel-Catalyzed Decarbonylative Synthesis of Fluoroalkyl Thioethers. <i>ACS Catalysis</i> , 2020, 10, 8315-8320.	11.2	46
14	Biphasic Bioelectrocatalytic Synthesis of Chiral β -Hydroxy Nitriles. <i>Journal of the American Chemical Society</i> , 2020, 142, 8374-8382.	13.7	39
15	Palladium-Catalyzed Difluoromethylation of Aryl Chlorides and Bromides with TMSCF ₂ H. <i>Journal of Organic Chemistry</i> , 2019, 84, 3735-3740.	3.2	37
16	Rhodium-Catalyzed Addition of Aryl Boronic Acids to 2,2-Disubstituted Malononitriles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6999-7002.	13.8	27
17	Pd-Catalyzed Acyl C–O Bond Activation for Selective Ring-Opening of β -Methylene- β -lactones with Amines. <i>Organic Letters</i> , 2017, 19, 1966-1969.	4.6	25
18	Decarbonylative Fluoroalkylation at Palladium(II): From Fundamental Organometallic Studies to Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 18617-18625.	13.7	25

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19	Pt-Catalyzed Rearrangement of Oxaspirohexanes to 3-Methylenetetrahydrofurans: Scope and Mechanism. <i>Journal of Organic Chemistry</i> , 2015, 80, 5196-5209.	3.2	19
20	1,4-Dicarbonylation of 4-Fluoroaryl Grignard and Lithium Reagents with Disubstituted Malononitriles. <i>Journal of Organic Chemistry</i> , 2017, 82, 4993-4997.	3.2	19
21	Nickel- or Cobalt-Catalyzed Cross-Coupling of Arylsulfonic Acid Salts with Grignard Reagents. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2199-2204.	4.3	17
22	Selective Electroenzymatic Oxyfunctionalization by Alkane Monooxygenase in a Biofuel Cell. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8969-8973.	13.8	17
23	One-Pot Bioelectrocatalytic Conversion of Chemically Inert Hydrocarbons to Imines. <i>Journal of the American Chemical Society</i> , 2022, 144, 4047-4056.	13.7	15
24	Rh-Catalyzed Conjugate Addition of Aryl and Alkenyl Boronic Acids to β -Methylene- γ -Lactones: Stereoselective Synthesis of <i>trans</i> -3,4-Disubstituted β -Lactones. <i>Organic Letters</i> , 2017, 19, 4460-4463.	4.6	9
25	Development of dieldrin, endosulfan, and hexachlorobenzene-imprinted polymers for dye-displacement array sensing. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	7
26	Selective Electroenzymatic Oxyfunctionalization by Alkane Monooxygenase in a Biofuel Cell. <i>Angewandte Chemie</i> , 2020, 132, 9054-9058.	2.0	4
27	Rhodium-Catalyzed Addition of Aryl Boronic Acids to 2,2-Disubstituted Malononitriles. <i>Angewandte Chemie</i> , 2017, 129, 7103-7106.	2.0	3
28	Enantioselective Arylation of Oxindoles Using Modified BI-DIME Ligands. <i>Synthesis</i> , 2018, 50, 4435-4443.	2.3	1