

Yuan-Ye Jiang

List of Publications by Citations

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61
papers

1,606
citations

19
h-index

39
g-index

67
ext. papers

1,774
ext. citations

5.5
avg, IF

4.9
L-index

#	Paper	IF	Citations
61	Copper-catalyzed trifluoromethylation of terminal alkenes through allylic C-H bond activation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15300-3	16.4	332
60	Alternative mechanistic explanation for ligand-dependent selectivities in copper-catalyzed N- and O-arylation reactions. <i>Journal of the American Chemical Society</i> , 2010 , 132, 18078-91	16.4	180
59	Pd-catalyzed decarboxylative cross coupling of potassium polyfluorobenzoates with aryl bromides, chlorides, and triflates. <i>Organic Letters</i> , 2010 , 12, 1000-3	6.2	139
58	Mechanism of Vanadium-Catalyzed Selective C _α and C _β Cleavage of Lignin Model Compound. <i>ACS Catalysis</i> , 2016 , 6, 4399-4410	13.1	68
57	Mechanism of the Pd-catalyzed decarboxylative allylation of β-amino esters: decarboxylation via free carboxylate ion. <i>Chemistry - A European Journal</i> , 2012 , 18, 14527-38	4.8	61
56	Theoretical study on the mechanism of Ni-catalyzed alkyl-alkyl Suzuki cross-coupling. <i>Chemistry - A European Journal</i> , 2012 , 18, 4345-57	4.8	57
55	Mechanistic Origin of Regioselectivity in Nickel-Catalyzed Olefin Hydroheteroarylation through C _β H Activation. <i>Organometallics</i> , 2012 , 31, 4356-4366	3.8	53
54	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. <i>Science China Chemistry</i> , 2020 , 63, 1652-1658	7.9	47
53	Mechanism of Aldehyde-Selective Wacker-Type Oxidation of Unbiased Alkenes with a Nitrite Co-Catalyst. <i>ACS Catalysis</i> , 2015 , 5, 1414-1423	13.1	44
52	Mechanistic Study of Borylation of Nitriles Catalyzed by Rh ^{III} and Ir ^{III} Complexes via C _α N Bond Activation. <i>Organometallics</i> , 2013 , 32, 926-936	3.8	43
51	Advances in theoretical study on transition-metal-catalyzed C _β H activation. <i>Science China Chemistry</i> , 2016 , 59, 1448-1466	7.9	42
50	Mechanism of Ligand-Controlled Regioselectivity-Switchable Copper-Catalyzed Alkylboration of Alkenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 14611-7	4.8	34
49	Mechanism and Origin of Et ₂ Al(OEt)-Induced Chemoselectivity of Nickel-Catalyzed Three-Component Coupling of One Diketene and Two Alkynes. <i>ACS Catalysis</i> , 2017 , 7, 1886-1896	13.1	33
48	Mechanism of Nickel(II)-Catalyzed Oxidative C(sp ²)-H/C(sp ²)-H Coupling of Benzamides and Toluene Derivatives. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2479-83	4.5	28
47	Visible-light-promoted oxidative desulphurisation: a strategy for the preparation of unsymmetrical ureas from isothiocyanates and amines using molecular oxygen. <i>Green Chemistry</i> , 2020 , 22, 2956-2962	10	28
46	Theoretical Study of Gold-Catalyzed Cyclization of 2-Alkynyl-N-propargylanilines and Rationalization of Kinetic Experimental Phenomena. <i>Journal of Organic Chemistry</i> , 2016 , 81, 9381-9388	4.2	27
45	Mechanism of Cu-Catalyzed Aerobic C(CO)H ₃ Bond Cleavage: A Combined Computational and Experimental Study. <i>ACS Catalysis</i> , 2019 , 9, 1066-1080	13.1	24

44	Mechanism of Pd-catalyzed acylation/alkenylation of aryl iodide: a DFT study. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6147-6156	3.9	20
43	One-Pot Methylenation-Cyclization Employing Two Molecules of CO with Arylamines and Enaminones. <i>Journal of Organic Chemistry</i> , 2020 , 85, 912-923	4.2	19
42	Mechanistic Insights into the Chemo- and Regio-Selective B(CF) Catalyzed C-H Functionalization of Phenols with Diazoesters. <i>Journal of Organic Chemistry</i> , 2019 , 84, 14508-14519	4.2	17
41	Mechanism and Rate-Determining Factors of Amide Bond Formation through Acyl Transfer of Mixed Carboxylic-Carbamic Anhydrides: A Computational Study. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2676-2685	4.2	16
40	Mechanistic Insights into the Ruthenium-Catalyzed [4 + 1] Annulation of Benzamides and Propargyl Alcohols by DFT Studies. <i>Organometallics</i> , 2019 , 38, 1877-1886	3.8	15
39	Unveiling the mechanisms and secrets of chemoselectivities in Au(I)-catalyzed diazo-based couplings with aryl unsaturated aliphatic alcohols. <i>Catalysis Science and Technology</i> , 2018 , 8, 4450-4462	5.5	15
38	Mechanism of Vanadium-Catalyzed Deoxydehydration of Vicinal Diols: Spin-Crossover-Involved Processes. <i>Organometallics</i> , 2016 , 35, 3388-3396	3.8	14
37	Mechanism for the enhanced reactivity of 4-mercaptopropyl thioesters in native chemical ligation. <i>RSC Advances</i> , 2016 , 6, 68312-68321	3.7	14
36	Mechanistic Study on Platinum-Catalyzed Domino Reaction of Benziodoxole and Pyrrole Homopropargylic Ethers for Indole Synthesis. <i>Organometallics</i> , 2017 , 36, 2843-2852	3.8	14
35	A Ligand-Dissociation-Involved Mechanism in Amide Formation of Monofluoroacylboronates with Hydroxylamines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1064-1072	4.2	13
34	C-H Acidity and Arene Nucleophilicity as Orthogonal Control of Chemoselectivity in Dual C-H Bond Activation. <i>Organic Letters</i> , 2019 , 21, 2360-2364	6.2	13
33	Mechanism and Origin of Chemical Selectivity in Oxaziridine-Based Methionine Modification: A Computational Study. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9765-9772	4.2	13
32	Palladium-catalyzed directing group-assisted C8-triflation of naphthalenes. <i>Chemical Communications</i> , 2016 , 52, 6709-11	5.8	13
31	Theoretical Study on Homogeneous Hydrogen Activation Catalyzed by Cationic Ag(I) Complex. <i>Organometallics</i> , 2014 , 33, 6577-6584	3.8	12
30	Mechanism of Palladium-Catalyzed Alkylation of Aryl Halides with Alkyl Halides through C _H Activation: A Computational Study. <i>Organometallics</i> , 2018 , 37, 2222-2231	3.8	11
29	Mechanism of Amide Bond Formation from Carboxylic Acids and Amines Promoted by 9-Silafluorenyl Dichloride Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9087-9096	4.2	11
28	Catalyst-free synthesis of thioacrylic acids via cascade thiolation and 1,4-aryl migration of aryl alkynoates at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8379-8383	3.9	11
27	C-H Activation versus Ring Opening and Inner- versus Outer-Sphere Concerted Metalation-Deprotonation in Rh(III)-Catalyzed Oxidative Coupling of Oxime Ether and Cyclopropanol: A Density Functional Theory Study. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11150-11160	4.2	10

26	Mechanism and Origin of Ligand-Controlled Chemo- and Regioselectivities in Palladium-Catalyzed Methoxycarbonylation of Alkynes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7136-7151	4.2	10
25	Rh(I)-catalyzed borylation of primary alkyl chlorides. <i>Chinese Chemical Letters</i> , 2014 , 25, 397-400	8.1	9
24	Ligand-Free Iron-Catalyzed Regioselectivity-Controlled Hydroboration of Aliphatic Terminal Alkenes. <i>ACS Catalysis</i> , 2020 , 10, 11963-11970	13.1	9
23	A self-catalytic role of methanol in PNP-Ru pincer complex catalysed dehydrogenation. <i>Science China Chemistry</i> , 2016 , 59, 724-729	7.9	9
22	Computational study of the mechanism of amide bond formation via CS-releasing 1,3-acyl transfer. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5808-5815	3.9	8
21	Mechanism and Origin of Chemoselectivity of Ru-Catalyzed Cross-Coupling of Secondary Alcohols to α -Disubstituted Ketones. <i>Journal of Organic Chemistry</i> , 2020 , 85, 12444-12455	4.2	8
20	Boron Ester-Catalyzed Amidation of Carboxylic Acids with Amines: Mechanistic Rationale by Computational Study. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2685-2690	4.5	8
19	Mechanism of trifluoroacetic-acid-promoted N-to-S acyl transfer of enamides. <i>Tetrahedron</i> , 2017 , 73, 4380-4386	2.4	7
18	Mechanism and Origin of Stereoselectivity of Pd-Catalyzed Cascade Annulation of Aryl Halide, Alkene, and Carbon Monoxide via C-H Activation. <i>Journal of Organic Chemistry</i> , 2019 , 84, 4353-4362	4.2	7
17	Arylboronate Ester Protected Amino Acids as Orthogonal Building Blocks for Fmoc Solid-Phase Peptide Synthesis. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5916-5920	3.2	4
16	Theoretical study of the Cl-initiated atmospheric oxidation of methyl isopropenyl ketone. <i>RSC Advances</i> , 2017 , 7, 52801-52811	3.7	4
15	The mechanism and structure-activity relationship of amide bond formation by silane derivatives: a computational study. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 9232-9242	3.9	4
14	Palladium-Catalyzed Regioselective B(3,4)-H Acyloxylation of -Carboranes.. <i>Inorganic Chemistry</i> , 2021 ,	5.1	4
13	Density Functional Theory Study on the Mechanism of Iridium-Catalyzed Benzylamine C-H Alkenylation with Ethyl Acrylate. <i>ACS Omega</i> , 2020 , 5, 15446-15453	3.9	3
12	Mechanistic study on the regioselectivity of Co-catalyzed hydroacylation of 1,3-dienes. <i>Chinese Chemical Letters</i> , 2015 , 26, 58-62	8.1	3
11	Theoretical study on the intramolecular oxyamination involved in Rh(III)-catalyzed cyclization of unsaturated alkoxyamines. <i>Journal of Organometallic Chemistry</i> , 2019 , 880, 253-260	2.3	3
10	A computational study on HS release and amide formation from thionoesters and cysteine. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 5771-5778	3.9	2
9	A DFT mechanistic study on gold(I)-catalyzed cascade reaction of aminalkyne involving Petasis-Ferrier cyclization. <i>Journal of Organometallic Chemistry</i> , 2018 , 864, 136-142	2.3	2

8	Decarbonylative Issues Involved in Ru(II)-Catalyzed [6+2 π] Annulation Reaction of Hydroxychromone with Alkyne: A DFT Study. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 266-273 ^{3,2}		2
7	Mechanism of Rh(III)-catalyzed alkylation of N-pyrimidylindoline with cyclopropanols: A DFT study. <i>Molecular Catalysis</i> , 2020 , 498, 111255	3.3	2
6	Theoretical study on abnormal trans-effect of chloride, bromide and iodide ligands in iridium complexes. <i>Computational and Theoretical Chemistry</i> , 2018 , 1138, 1-6	2	2
5	Mechanism and selectivity on Ir(III)/Rh(III)-catalyzed coupling of terminal alkenes and dioxazolones: A DFT study. <i>Molecular Catalysis</i> , 2021 , 510, 111679	3.3	1
4	Cascade C-N bond cleavage of amides/intramolecular amination reactions: an atom economical way to β -abolin-4-ones. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 579-583	5.2	1
3	Double-Regiodetermining-Stages Mechanistic Model Explaining the Regioselectivity of Pd-Catalyzed Hydroaminocarbonylation of Alkenes with Carbon Monoxide and Ammonium Chloride. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12988-13000	4.2	1
2	Regioselective Synthesis of Tetrasubstituted Benzenes via Co-Catalyzed Cycloaddition of Alkynyl Ketones and 2-Acetylpyridines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12158-12167	4.2	0
1	Mechanism and stereospecificity of Z-enamide synthesis from salicylaldehydes with isoxazoles using DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2019 , 903, 120981	2.3	