Chuan-Ming Yu

List of Publications by Year
in descending order

58	1,200	331670	434195
papers	citations	21 h-index	31 g-index

58	58	58	1014
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cobalt(III)-Catalyzed Fast and Solvent-Free Câ€“H Allylation of Indoles Using Mechanochemistry. Journal of Organic Chemistry, 2017, 82, 10665-10672.	3.2	75
2	Photo-triggered self-catalyzed fluoroalkylation/cyclization of unactivated alkenes: synthesis of quinazolinones containing the CF₂R group. Green Chemistry, 2021, 23, 575-581.	9.0	67
3	A Continuous Kilogram-Scale Process for the Manufacture of o-Difluorobenzene. Organic Process Research and Development, 2012, 16, 1669-1672.	2.7	62
4	Copperâ€Catalyzed Direct Thiolation of Pentafluorobenzene with Diaryl Disulfides or Aryl Thiols by Câ€“H and Câ€“F Bond Activation. European Journal of Organic Chemistry, 2012, 2012, 1953-1959.	2.4	62
5	A High-Output, Continuous Selective and Heterogeneous Nitration of p-Difluorobenzene. Organic Process Research and Development, 2013, 17, 438-442.	2.7	46
6	Ru(<scp>ii</scp>)-Catalyzed C6-selective Câ€“H amidation of 2-pyridones. Organic Chemistry Frontiers, 2018, 5, 2969-2973.	4.5	44
7	Metal-free synthesis of 2,2-disubstituted indolin-3-ones. Organic and Biomolecular Chemistry, 2019, 17, 2199-2203.	2.8	40
8	Electrosynthesis of C3 Alkoxylated Quinoxalinâ€2(1H)â€ones through Dehydrogenative Câ€“H/Oâ€“H Crossâ€Coupling. European Journal of Organic Chemistry, 2020, 2020, 1687-1694.	2.4	38
9	Europium Triflateâ€“Catalyzed Oneâ€Pot Synthesis of 2,4,5â€Trisubstitutedâ€1Hâ€imidazoles via a Threeâ€component Condensation. Synthetic Communications, 2007, 37, 3301-3309.	2.1	37
10	Synthesis of 2â€Oxindoles from Substituted Indoles by Hypervalentâ€Iodine Oxidation. European Journal of Organic Chemistry, 2018, 2018, 1437-1442.	2.4	34
11	Cobalt-catalyzed electrochemical C H/N H functionalization of N-(quinolin-8-yl)benzamide with isocyanides. Tetrahedron Letters, 2019, 60, 2054-2058.	1.4	34
12	Synthesis of 2-substituted indoles by iridium (III)-catalyzed C H functionalization of N-phenylpyridin-2-amines. Tetrahedron Letters, 2019, 60, 1053-1056.	1.4	33
13	Erlenmeyer Synthesis for Azlactones Catalyzed by Ytterbium(III) Triflate under Solventâ€Free Conditions. Synthetic Communications, 2006, 36, 3447-3453.	2.1	29
14	Hypervalent Iodineâ€Mediated Cyclization of Homotryptamine Derivatives. European Journal of Organic Chemistry, 2019, 2019, 2268-2274.	2.4	28
15	Rh(<scp>iii</scp>)-catalyzed, hydrazine-directed Câ€“H functionalization with 1-alkynylcyclobutanols: a new strategy for 1H-indazoles. Chemical Communications, 2020, 56, 7415-7418.	4.1	28
16	Rh(<scp>iii</scp>)-catalyzed Câ€“H annulation of sulfoxonium ylides with iodonium ylides towards isocoumarins. Organic and Biomolecular Chemistry, 2022, 20, 1112-1116.	2.8	27
17	Controllable synthesis of 3-chloro- and 3,3-dichloro-2-oxindoles via hypervalent iodine-mediated chlorooxidation. Organic and Biomolecular Chemistry, 2019, 17, 6920-6924.	2.8	26
18	Potassium tertâ€Butoxide Prompted Highly Efficient Transamidation and Its Coordination Radical Mechanism. European Journal of Organic Chemistry, 2019, 2019, 4538-4545.	2.4	26

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19	Selective Synthesis of Fused Tricyclic [1,3]oxazino[3,4â€a]indolone and Dihydropyrimido [1,6â€a]indolone via Rh(III)â€catalyzed [3+3] or [4+2] Câ^'H Annulation. Advanced Synthesis and Catalysis, 2021, 363, 446-452.	4.3	26
20	Autocatalytic Synthesis of Thioesters via Thiocarbonylation of gem-Difluoroalkenes. Organic Letters, 2020, 22, 9762-9766.	4.6	25
21	Visible Light/Tertiary Amine Promoted Synergistic Hydroxydifluoroacetamidation of Unactivated Alkenes under Air. Organic Letters, 2021, 23, 617-622.	4.6	25
22	Synthesis of N-aryl-3-(arylimino)-3H-indol-2-amines via hypervalent iodine promoted oxidative diamination of indoles. Tetrahedron Letters, 2018, 59, 1506-1510.	1.4	23
23	Kinetic Resolution of Tertiary Allylic Alcohols: Highly Enantioselective Access to Cyclic Ethers Bearing an Î±-Tetrasubstituted Stereocenter. Organic Letters, 2021, 23, 3949-3954.	4.6	20
24	Ironâ€Catalyzed Threeâ€Component Cyanoalkylsulfonylation of 2,3â€Allenoic Acids, Sulfur Dioxide, and Cycloketone Oxime Esters: Access to Cyanoalkylsulfonylated Butenolides. Advanced Synthesis and Catalysis, 2021, 363, 3359-3364.	4.3	19
25	Continuous-Flow Process for Selective Mononitration of 1-Methyl-4-(methylsulfonyl)benzene. Organic Process Research and Development, 2016, 20, 199-203.	2.7	18
26	Palladium-Catalyzed [2 + 2 + 1] Annulation of Alkyne-Tethered Aryl Iodides with Diaziridinone: Synthesis of 3,4-Fused Tricyclic Indoles. Journal of Organic Chemistry, 2020, 85, 10823-10834.	3.2	18
27	Radicalâ€Triggered Cyclization of Methylthioâ€Substituted Alkynones: Synthesis of Diverse 3â€Alkylthiochromones. European Journal of Organic Chemistry, 2020, 2020, 4534-4541.	2.4	16
28	Freeâ€radical Initialized Cyclization of 2â€(3â€Arylpropioloyl)benzaldehydes with Toluene Derivatives: Access to Benzylated 1,4â€Naphthoquinones via Copperâ€Catalyzed Cascade Reaction. Advanced Synthesis and Catalysis, 2021, 363, 484-489.	4.3	16
29	Synthesis of 1-azido-3-heteroaryl bicyclo[1.1.1]pentanes via azidoheteroarylation of [1.1.1]propellane. Green Chemistry, 2021, 23, 10132-10136.	9.0	16
30	Oneâ€Pot Synthesis of Nâ€(Imidazo[1,2â€a]pyridinâ€3â€yl)â€Substituted Sulfonamides Using Catalytic Zinc Chloride. European Journal of Organic Chemistry, 2014, 2014, 2037-2043.	2.4	14
31	Continuous-Flow Process for the Synthesis of 5-Nitro-1,4-dihydro-1,4-methanonaphthalene. Organic Process Research and Development, 2019, 23, 31-37.	2.7	13
32	Organocatalytic Enantioselective Conjugate Alkynylation of Î²-Aminoenones: Access to Chiral Î²-Alkynyl-Î²-Amino Carbonyl Derivatives. Organic Letters, 2020, 22, 7427-7432.	4.6	13
33	Synthesis of 1â€(1Hâ€Tetrazolâ€5â€yl)â€2Hâ€isoindole Derivatives through Ugi Fourâ€Component and Silverâ€Catalyzed Reactions. European Journal of Organic Chemistry, 2014, 2014, 3379-3386.	2.4	12
34	Highly Stereoselective Intramolecular Carbofluorination of Internal Î±,Î²-Ynones Promoted by Selectfluor. Organic Letters, 2021, 23, 4488-4492.	4.6	12
35	Direct synthesis of indazole derivatives via Rh(<scp>iii</scp>)-catalyzed Câ€“H activation of phthalazinones and allenes. Organic and Biomolecular Chemistry, 2021, 19, 7701-7705.	2.8	12
36	Visibleâ€Lightâ€Induced Remote Câ^'H Difluoroalkylation of 8â€Aminoquinolines via Debrominative Coupling with Functionalized Difluoromethyl Bromides. Asian Journal of Organic Chemistry, 2019, 8, 2213-2217.	2.7	11

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37	Flavin/I₂â€Catalyzed Aerobic Oxidative Câ€“H Sulfenylation of Arylâ€Fused Cyclic Amines. European Journal of Organic Chemistry, 2020, 2020, 3889-3895.	2.4	11
38	Cobalt(II)â€Catalyzed Câ^'H/Nâ^'H Functionalization and Annulation of Nâ€(quinolinâ€8â€yl)benzamide with Cyclopropanols. European Journal of Organic Chemistry, 2021, 2021, 915-923.	2.4	11
39	Photoinduced Threeâ€Component Difluoroamidosulfonylation/Bicyclization: Regioselectivity Synthesis of Sevenâ€Membered Dibenzosultams. Advanced Synthesis and Catalysis, 2022, 364, 1750-1756.	4.3	11
40	Kilogram-Scale Synthesis of 2,4-Dichloro-5-fluorobenzoic Acid by Air Oxidation under the Continuous-Flow Process. Organic Process Research and Development, 2018, 22, 252-256.	2.7	10
41	Rhodium(III)-catalyzed one-pot synthesis of flavonoids from salicylaldehydes and sulfoxonium ylides. Journal of Chemical Research, 2019, 43, 392-398.	1.3	10
42	Photoinduced Three-Component Difluoroamidosulfonylation/Bicyclization: A Route to Dihydrobenzofuran Derivatives. Organic Letters, 2022, 24, 2556-2561.	4.6	10
43	Y(OTf)3â€Catalyzed, Oneâ€Pot Synthesis of 1,2,4â€Oxadiazole Derivatives. Synthetic Communications, 2007, 37, 4439-4452.	2.1	9
44	A direct synthesis method towards spirocyclic indazole derivatives via Rh(<scp>iii</scp>)-catalyzed Câ€“H activation and spiroannulation. Organic Chemistry Frontiers, 2021, 8, 5024-5031.	4.5	9
45	Rh(III)-catalyzed [4+1] annulation and ring opening for the synthesis of pyrazolo[1,2-a] indazole bearing a quaternary carbon. Tetrahedron Letters, 2020, 61, 152350.	1.4	8
46	Chemoselective Synthesis of Asymmetrical Carbonate from Alcohol and Dimethyl Carbonate Catalyzed by Ytterbium(III) Triflate. Synthetic Communications, 2007, 37, 645-651.	2.1	7
47	Palladium-Catalyzed Allylation of Polyfluoroarenes with Allylic Pivalates. Synlett, 2018, 29, 251-255.	1.8	7
48	Synthesis of isoquinolinone derivatives by Rh (III)-catalyzed Câ€“H functionalization of N-ethoxybenzamides. Synthetic Communications, 2020, 50, 1799-1812.	2.1	7
49	Flavin/I2 catalyzed aerobic oxidative C H sulfenylation of anilines. Tetrahedron Letters, 2020, 61, 152141.	1.4	6
50	Ir(III)â€Catalyzed and Ag₂Oâ€Promoted Câ^'H/Câ^'H Crossâ€Coupling/Intramolecular Cyclization of Ketene Dithioacetals with Benzothiophene. Advanced Synthesis and Catalysis, 2021, 363, 4360-4364.	4.3	6
51	Practical synthesis of methyl 7-(3-hydroxy-5-oxocyclopent-1-en-1-yl)-heptanoate. Journal of Saudi Chemical Society, 2017, 21, 587-592.	5.2	5
52	Photocatalytic Aerobic Double Friedelâ€Crafts Reaction of Glycine Derivatives with Anilines: An Efficient Synthesis of Diarylmethanes. Asian Journal of Organic Chemistry, 2019, 8, 2058-2064.	2.7	5
53	NH4I-catalyzed Câ€“S bond formation via an oxidation relay strategy: Efficient access to dithioether decorated indolizines. Tetrahedron Letters, 2020, 61, 152368.	1.4	5
54	Copper-Catalyzed Phosphorylation of 2,3-Allenoic Acids and Phosphine Oxide: Access to Phosphorylated Butenolides. Journal of Organic Chemistry, 2021, 86, 9699-9710.	3.2	5

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55	Application of Enzymatic Promiscuity in Pharmaceutical Synthesis: Papain-catalyzed One-pot Synthesis of 1,4-Dihydropyridine Calcium Channel Antagonists and Derivatives. Chemical Research in Chinese Universities, 2019, 35, 21-25.	2.6	4
56	Palladium-Catalyzed C6-Selective Câ€“H Acylation of 2-Pyridones. Synlett, 2021, 32, 299-303.	1.8	3
57	Metal-free C3 Î±-aminoalkylation of quinoxalin-2(1H)-ones with amines. Tetrahedron Letters, 2021, 84, 153439.	1.4	3
58	Regioselective synthesis of (Z)-alkenyl thioethers via Rh(III)-catalyzed thiolation of N-2,6-difluoroaryl acrylamides. Tetrahedron Letters, 2022, 103, 153981.	1.4	3