

Chuan-Ming Yu

List of Publications by Year in descending order

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58
papers

1,200
citations

331670

21
h-index

434195

31
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58
all docs

58
docs citations

58
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	Rh(<i>scpv</i>) ⁱⁱⁱ -catalyzed C-H annulation of sulfoxonium ylides with iodonium ylides towards isocoumarins. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1112-1116.	2.8	27
2	Photoinduced Three-Component Difluoroamidofunctionalization/Bicyclization: Regioselective Synthesis of Seven-Membered Dibenzosultams. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1750-1756.	4.3	11
3	Photoinduced Three-Component Difluoroamidofunctionalization/Bicyclization: A Route to Dihydrobenzofuran Derivatives. <i>Organic Letters</i> , 2022, 24, 2556-2561.	4.6	10
4	Regioselective synthesis of (Z)-alkenyl thioethers via Rh(III)-catalyzed thiolation of N-2,6-difluoroaryl acrylamides. <i>Tetrahedron Letters</i> , 2022, 103, 153981.	1.4	3
5	Selective Synthesis of Fused Tricyclic [1,3]oxazino[3,4- <i>a</i>]indolone and Dihydropyrimido [1,6- <i>a</i>]indolone via Rh(III)-catalyzed [3+3] or [4+2] C-H Annulation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 446-452.	4.3	26
6	Free-Radical Initiated Cyclization of (3-Arylpropyl)benzaldehydes with Toluene Derivatives: Access to Benzylated 1,4-Naphthoquinones via Copper-Catalyzed Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 484-489.	4.3	16
7	Palladium-Catalyzed C6-Selective C-H Acylation of 2-Pyridones. <i>Synlett</i> , 2021, 32, 299-303.	1.8	3
8	A direct synthesis method towards spirocyclic indazole derivatives via Rh(<i>scpv</i>) ⁱⁱⁱ -catalyzed C-H activation and spiroannulation. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5024-5031.	4.5	9
9	Photo-triggered self-catalyzed fluoroalkylation/cyclization of unactivated alkenes: synthesis of quinazolinones containing the CF ₂ R group. <i>Green Chemistry</i> , 2021, 23, 575-581.	9.0	67
10	Cobalt(II)-Catalyzed C-H/N-H Functionalization and Annulation of N-(quinolin-8-yl)benzamide with Cyclopropanols. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 915-923.	2.4	11
11	Kinetic Resolution of Tertiary Allylic Alcohols: Highly Enantioselective Access to Cyclic Ethers Bearing an <i>1±</i> -Tetrasubstituted Stereocenter. <i>Organic Letters</i> , 2021, 23, 3949-3954.	4.6	20
12	Iron-Catalyzed Three-Component Cyanoalkylsulfonation of 2,3-Allenic Acids, Sulfur Dioxide, and Cycloketone Oxime Esters: Access to Cyanoalkylsulfonated Butenolides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3359-3364.	4.3	19
13	Highly Stereoselective Intramolecular Carbofluorination of Internal <i>1±,1²</i> -Ynones Promoted by Selectfluor. <i>Organic Letters</i> , 2021, 23, 4488-4492.	4.6	12
14	Copper-Catalyzed Phosphorylation of 2,3-Allenic Acids and Phosphine Oxide: Access to Phosphorylated Butenolides. <i>Journal of Organic Chemistry</i> , 2021, 86, 9699-9710.	3.2	5
15	Ir(III)-Catalyzed and Ag ₂ O-Promoted C-H/C-H Cross-Coupling/Intramolecular Cyclization of Ketene Dithioacetals with Benzothiophene. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4360-4364.	4.3	6
16	Metal-free C3 <i>1±</i> -aminoalkylation of quinoxalin-2(1H)-ones with amines. <i>Tetrahedron Letters</i> , 2021, 84, 153439.	1.4	3
17	Direct synthesis of indazole derivatives via Rh(<i>scpv</i>) ⁱⁱⁱ -catalyzed C-H activation of phthalazinones and allenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7701-7705.	2.8	12
18	Visible Light/Tertiary Amine Promoted Synergistic Hydroxydifluoroacetamidation of Unactivated Alkenes under Air. <i>Organic Letters</i> , 2021, 23, 617-622.	4.6	25

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19	Synthesis of 1-azido-3-heteroaryl bicyclo[1.1.1]pentanes via azidoheteroarylation of [1.1.1]propellane. <i>Green Chemistry</i> , 2021, 23, 10132-10136.	9.0	16
20	NH4I-catalyzed C–S bond formation via an oxidation relay strategy: Efficient access to dithioether decorated indolizines. <i>Tetrahedron Letters</i> , 2020, 61, 152368.	1.4	5
21	Radical-Triggered Cyclization of Methylthio-Substituted Alkynones: Synthesis of Diverse β -Alkylthiochromones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4534-4541.	2.4	16
22	Palladium-Catalyzed [2 + 2 + 1] Annulation of Alkyne-Tethered Aryl Iodides with Diaziridinone: Synthesis of 3,4-Fused Tricyclic Indoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 10823-10834.	3.2	18
23	Rh(III)-catalyzed [4+1] annulation and ring opening for the synthesis of pyrazolo[1,2-a] indazole bearing a quaternary carbon. <i>Tetrahedron Letters</i> , 2020, 61, 152350.	1.4	8
24	Organocatalytic Enantioselective Conjugate Alkynylation of β -Aminoenones: Access to Chiral β -Alkynyl- β -Amino Carbonyl Derivatives. <i>Organic Letters</i> , 2020, 22, 7427-7432.	4.6	13
25	Autocatalytic Synthesis of Thioesters via Thiocarbonylation of <i>gem</i> -Difluoroalkenes. <i>Organic Letters</i> , 2020, 22, 9762-9766.	4.6	25
26	Flavin/ I_2 -Catalyzed Aerobic Oxidative C–H Sulfenylation of Aryl-Fused Cyclic Amines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3889-3895.	2.4	11
27	Rh(<i>scp</i>)-catalyzed, hydrazine-directed C–H functionalization with 1-alkynylcyclobutanols: a new strategy for 1-H-indazoles. <i>Chemical Communications</i> , 2020, 56, 7415-7418.	4.1	28
28	Flavin/ I_2 catalyzed aerobic oxidative C–H sulfenylation of anilines. <i>Tetrahedron Letters</i> , 2020, 61, 152141.	1.4	6
29	Electrosynthesis of C3 Alkoxyated Quinoxalinones through Dehydrogenative C–H/O–H Cross-Coupling. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1687-1694.	2.4	38
30	Synthesis of isoquinolinone derivatives by Rh (III)-catalyzed C–H functionalization of <i>N</i> -ethoxybenzamides. <i>Synthetic Communications</i> , 2020, 50, 1799-1812.	2.1	7
31	Rhodium(III)-catalyzed one-pot synthesis of flavonoids from salicylaldehydes and sulfoxonium ylides. <i>Journal of Chemical Research</i> , 2019, 43, 392-398.	1.3	10
32	Controllable synthesis of 3-chloro- and 3,3-dichloro-2-oxindoles <i>via</i> hypervalent iodine-mediated chlorooxidation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6920-6924.	2.8	26
33	Visible-Light-Induced Remote C–H Difluoroalkylation of 8-Aminoquinolines via Debrominative Coupling with Functionalized Difluoromethyl Bromides. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2213-2217.	2.7	11
34	Photocatalytic Aerobic Double Friedel–Crafts Reaction of Glycine Derivatives with Anilines: An Efficient Synthesis of Diarylmethanes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2058-2064.	2.7	5
35	Application of Enzymatic Promiscuity in Pharmaceutical Synthesis: Papain-catalyzed One-pot Synthesis of 1,4-Dihydropyridine Calcium Channel Antagonists and Derivatives. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 21-25.	2.6	4
36	Metal-free synthesis of 2,2-disubstituted indolin-3-ones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2199-2203.	2.8	40

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37	Cobalt-catalyzed electrochemical C H/N H functionalization of N-(quinolin-8-yl)benzamide with isocyanides. <i>Tetrahedron Letters</i> , 2019, 60, 2054-2058.	1.4	34
38	Potassium <i>tert</i> -Butoxide Prompted Highly Efficient Transamidation and Its Coordination Radical Mechanism. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4538-4545.	2.4	26
39	Synthesis of 2-substituted indoles by iridium (III)-catalyzed C H functionalization of N-phenylpyridin-2-amines. <i>Tetrahedron Letters</i> , 2019, 60, 1053-1056.	1.4	33
40	Hypervalent Iodine-Mediated Cyclization of Homotryptamine Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2268-2274.	2.4	28
41	Continuous-Flow Process for the Synthesis of 5-Nitro-1,4-dihydro-1,4-methanonaphthalene. <i>Organic Process Research and Development</i> , 2019, 23, 31-37.	2.7	13
42	Synthesis of N-aryl-3-(arylimino)-3H-indol-2-amines via hypervalent iodine promoted oxidative diamination of indoles. <i>Tetrahedron Letters</i> , 2018, 59, 1506-1510.	1.4	23
43	Kilogram-Scale Synthesis of 2,4-Dichloro-5-fluorobenzoic Acid by Air Oxidation under the Continuous-Flow Process. <i>Organic Process Research and Development</i> , 2018, 22, 252-256.	2.7	10
44	Synthesis of 2-Oxindoles from Substituted Indoles by Hypervalent Iodine Oxidation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1437-1442.	2.4	34
45	Palladium-Catalyzed Allylation of Polyfluoroarenes with Allylic Pivalates. <i>Synlett</i> , 2018, 29, 251-255.	1.8	7
46	Ru(II)-Catalyzed C6-selective C-H amidation of 2-pyridones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2969-2973.	4.5	44
47	Practical synthesis of methyl 7-(3-hydroxy-5-oxocyclopent-1-en-1-yl)-heptanoate. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 587-592.	5.2	5
48	Cobalt(III)-Catalyzed Fast and Solvent-Free C-H Allylation of Indoles Using Mechanochemistry. <i>Journal of Organic Chemistry</i> , 2017, 82, 10665-10672.	3.2	75
49	Continuous-Flow Process for Selective Mononitration of 1-Methyl-4-(methylsulfonyl)benzene. <i>Organic Process Research and Development</i> , 2016, 20, 199-203.	2.7	18
50	One-Pot Synthesis of N-(Imidazo[1,2-a]pyridin-3-yl)-Substituted Sulfonamides Using Catalytic Zinc Chloride. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2037-2043.	2.4	14
51	Synthesis of 1-(1H-tetrazol-5-yl)-2H-indole Derivatives through Ugi Four-Component and Silver-Catalyzed Reactions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3379-3386.	2.4	12
52	A High-Output, Continuous Selective and Heterogeneous Nitration of <i>p</i> -Difluorobenzene. <i>Organic Process Research and Development</i> , 2013, 17, 438-442.	2.7	46
53	A Continuous Kilogram-Scale Process for the Manufacture of <i>o</i> -Difluorobenzene. <i>Organic Process Research and Development</i> , 2012, 16, 1669-1672.	2.7	62
54	Copper-Catalyzed Direct Thiolation of Pentafluorobenzene with Diaryl Disulfides or Aryl Thiols by C-H and C-F Bond Activation. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1953-1959.	2.4	62

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55	Europium Triflate-Catalyzed One-Pot Synthesis of 2,4,5-Trisubstituted-1H-imidazoles via a Three-component Condensation. <i>Synthetic Communications</i> , 2007, 37, 3301-3309.	2.1	37
56	Y(OTf) ₃ -Catalyzed, One-Pot Synthesis of 1,2,4-Oxadiazole Derivatives. <i>Synthetic Communications</i> , 2007, 37, 4439-4452.	2.1	9
57	Chemoselective Synthesis of Asymmetrical Carbonate from Alcohol and Dimethyl Carbonate Catalyzed by Ytterbium(III) Triflate. <i>Synthetic Communications</i> , 2007, 37, 645-651.	2.1	7
58	Erlenmeyer Synthesis for Azlactones Catalyzed by Ytterbium(III) Triflate under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2006, 36, 3447-3453.	2.1	29