Satoru Kuwano

List of Publications by Year
in descending order

27	639	687363 13	580821 25
papers	citations	h-index	g-index

34	34	34	559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Molecular Recognition through Substrateâ€“Additive Complex Formation in N-Heterocyclic-Carbene-Catalyzed Kinetic Resolution of Î±-Hydroxythioamides. ACS Catalysis, 2022, 12, 6100-6107.	11.2	10
2	Enantio- and diastereoselective double Mannich reaction of malononitrile with N-Boc imines using quinine-derived bifunctional organoiodine catalyst. Organic and Biomolecular Chemistry, 2021, 19, 6969-6973.	2.8	4
3	Chiral C₂-Symmetric Aminomethylbinaphthol as Synergistic Catalyst for Asymmetric Epoxidation of Alkylidenemalononitriles: Easy Access to Chiral Spirooxindoles. Organic Letters, 2021, 23, 1980-1985.	4.6	10
4	A Hypervalent Cyclic Dibenzoiodolium Salt as a Halogenâ€Bondâ€Donor Catalyst for the [4+2] Cycloaddition of 2â€Alkenylindoles. ChemPlusChem, 2021, 86, 741-744.	2.8	23
5	Catalytic Asymmetric Chlorination of Î²-Ketoesters Using N-PFB-PyBidine-Zn(OAc)2. Catalysts, 2020, 10, 1177.	3.5	1
6	Chiral Dinuclear Benzyliminobinaphthoxyâ€Palladium Catalyst for Asymmetric Mannich Reaction of Aldimines and Isatinâ€Derived Ketimines with Alkylmalononitriles. Advanced Synthesis and Catalysis, 2020, 362, 3105-3109.	4.3	7
7	Nonâ€Bonding Electron Pair versus Ïâ€Electrons in Solution Phase Halogen Bond Catalysis: Povarov Reaction of 2â€Vinylindoles and Imines. Advanced Synthesis and Catalysis, 2020, 362, 3208-3212.	4.3	17
8	Catalytic Asymmetric Mannichâ€Type Reaction of Malononitrile with Nâ€Boc Î±â€Ketiminoesters Using Chiral Organic Base Catalyst with Halogen Bond Donor Functionality. Advanced Synthesis and Catalysis, 2020, 362, 1674-1678.	4.3	29
9	Chiral Benzazaboroleâ€Catalyzed Regioselective Sulfonylation of Unprotected Carbohydrate Derivatives. Chemistry - A European Journal, 2019, 25, 12920-12923.	3.3	16
10	Bis(imidazolidine)pyridineâ€CoCl 2 : A Novel, Catalytically Active Neutral Complex for Asymmetric Michael Reaction of 1,3â€Carbonyl Compounds with Nitroalkenes. Advanced Synthesis and Catalysis, 2019, 361, 3704-3711.	4.3	6
11	Catalysis Based on Câˆ’Iâ‹…â‹…â‹…Ïâ€ Halogen Bonds: Electrophilic Activation of 2â€Alkenylindoles by Cationic Halogenâ€Bond Donors for [4+2] Cycloadditions. Angewandte Chemie, 2019, 131, 10326-10330.	2.0	14
12	Catalysis Based on Câˆ’Iâ‹…â‹…â‹…Ïâ€ Halogen Bonds: Electrophilic Activation of 2â€Alkenylindoles by Cationic Halogenâ€Bond Donors for [4+2] Cycloadditions. Angewandte Chemie - International Edition, 2019, 58, 10220-10224.	13.8	47
13	Chiral benzazaboroles as catalysts for enantioselective sulfonylation of cis-1,2-diols. Organic and Biomolecular Chemistry, 2019, 17, 4475-4482.	2.8	11
14	A chiral organic base catalyst with halogen-bonding-donor functionality: asymmetric Mannich reactions of malononitrile with N-Boc aldimines and ketimines. Chemical Communications, 2018, 54, 3847-3850.	4.1	71
15	2-Iodoimidazolinium Salt-Catalyzed Friedelâ€“Crafts Reaction: Synthesis of Bis(indolyl)methane Alkaloids. Heterocycles, 2018, 97, 163.	0.7	11
16	Site-selective benzoin-type cyclization of unsymmetrical dialdoses catalyzed by N-heterocyclic carbenes for divergent cyclitol synthesis. Chemical Communications, 2017, 53, 4469-4472.	4.1	16
17	Catalytic Asymmetric Mannich Reaction of Isatinâ€derived Nâ€Boc Imines with Malononitrile by Bis(imidazolidine)â€derived Pincer Rh Complex. ChemistrySelect, 2017, 2, 7368-7371.	1.5	10
18	N-Heterocyclic Carbene-Promoted [3+2] Cycloaddition of Allenyl Sulfone and Arylidenemalononitriles. Heterocycles, 2017, 95, 232.	0.7	6

#	Article	IF	Citations
19	Chiral Bis(imidazolidine)iodobenzene (I-Bidine) Organocatalyst for Thiochromane Synthesis Using an Asymmetric Michael/Henry Reaction. Synlett, 2016, 28, 122-127.	1.8	33
20	N-Heterocyclic Carbene Catalyzed Monoacylation of Vicinal Diols. Synthesis, 2016, 48, 573-578.	2.3	2
21	Oxa- and Azacycle Formation via Migrative Cyclization of Sulfonylalkynol and Sulfonylalkynamide with N-Heterocyclic Carbene. Journal of Organic Chemistry, 2016, 81, 2652-2664.	3.2	13
22	Catalytic asymmetric [3 + 2]-cycloaddition for stereodivergent synthesis of chiral indolyl-pyrrolidines. Organic and Biomolecular Chemistry, 2016, 14, 1831-1839.	2.8	14
23	Nâ€Heterocyclic Carbeneâ€Catalyzed Benzoin Strategy for Divergent Synthesis of Cyclitol Derivatives from Alditols. Advanced Synthesis and Catalysis, 2015, 357, 131-147.	4.3	20
24	Kinetic Resolution of Secondary Alcohols Catalyzed by Chiral Phosphoric Acids. Angewandte Chemie - International Edition, 2013, 52, 10227-10230.	13.8	60
25	Enhanced Rate and Selectivity by Carboxylate Salt as a Basic Cocatalyst in Chiral N-Heterocyclic Carbene-Catalyzed Asymmetric Acylation of Secondary Alcohols. Journal of the American Chemical Society, 2013, 135, 11485-11488.	13.7	121
26	Chemoselective conversion of Î±-unbranched aldehydes to amides, esters, and carboxylic acids by NHC-catalysis. Chemical Communications, 2012, 48, 145-147.	4.1	67
27	Chiral Aminomethylbinapholâ€Catalyzed Diastereoâ€•and Enantioselective Epoxidation of Trisubstituted Acrylonitriles. Advanced Synthesis and Catalysis, 0, , .	4.3	0