John Y L Chung

List of Publications by Year
in descending order

22	453	758635 12	794141 19
papers	citations	h-index	g-index

24	24	24	500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diastereoselective Friedelâ˜'Crafts Alkylation of Indoles with Chiral Î±-Phenyl Benzylic Cations. Asymmetric Synthesis of Anti-1,1,2-Triarylalkanes. Organic Letters, 2008, 10, 3037-3040.	2.4	67
2	Mild and Practical Method for the Î±-Arylation of Nitriles with Heteroaryl Halides. Journal of Organic Chemistry, 2005, 70, 10186-10189.	1.7	50
3	Evolution of a Manufacturing Route to Omarigliptin, A Long-Acting DPP-4 Inhibitor for the Treatment of Type 2 Diabetes. Organic Process Research and Development, 2015, 19, 1760-1768.	1.3	50
4	Enantioselective Nitrile Anion Cyclization to Substituted Pyrrolidines. A Highly Efficient Synthesis of (3S,4R)-N-tert-Butyl-4-Arylpyrrolidine-3-Carboxylic Acid. Journal of Organic Chemistry, 2005, 70, 3592-3601.	1.7	45
5	Asymmetric Synthesis of a Glucagon Receptor Antagonist via Friedelâ€"Crafts Alkylation of Indole with Chiral Î±-Phenyl Benzyl Cation. Organic Process Research and Development, 2012, 16, 1832-1845.	1.3	33
6	From High-Throughput Catalyst Screening to Reaction Optimization:Â Detailed Investigation of Regioselective Suzuki Coupling of 1,6-Naphthyridone Dichloride. Organic Process Research and Development, 2007, 11, 328-335.	1.3	31
7	Asymmetric Synthesis of N-Boc-(R)-Silaproline via Rh-Catalyzed Intramolecular Hydrosilylation of Dehydroalanine and Continuous Flow N-Alkylation. Organic Letters, 2016, 18, 1812-1815.	2.4	24
8	Unusual Pyrimidine Participation: Efficient Stereoselective Synthesis of Potent Dual Orexin Receptor Antagonist MK-6096. Organic Letters, 2014, 16, 5890-5893.	2.4	17
9	Synthesis of 3-Aminopyrazinone Mediated by 2-Pyridylthioimidateâ˜'ZnCl2Complexes. Development of an Efficient Route to a Thrombin Inhibitor. Journal of Organic Chemistry, 2003, 68, 8838-8846.	1.7	16
10	Development of a Commercial Manufacturing Route to 2-Fluoroadenine, The Key Unnatural Nucleobase of Islatravir. Organic Process Research and Development, 2021, 25, 395-404.	1.3	16
11	Synthesis of ((3R,6R)-6-Methylpiperidin-3-yl)methanol via Biocatalytic Transamination and Crystallization-Induced Dynamic Resolution. Organic Process Research and Development, 2015, 19, 1418-1423.	1.3	15
12	Efficient Synthesis of a Trisubstituted 1,6-Naphthyridone from Acetonedicarboxylate and Regioselective Suzuki Arylation. Journal of Organic Chemistry, 2005, 70, 10342-10347.	1.7	14
13	Efficient synthesis of antiviral agent uprifosbuvir enabled by new synthetic methods. Chemical Science, 2021, 12, 9031-9036.	3.7	14
14	Asymmetric Formal Synthesis of the Long-Acting DPP-4 Inhibitor Omarigliptin. Journal of Organic Chemistry, 2017, 82, 9023-9029.	1.7	13
15	Diastereoselective FeCl₃Â·6H₂O/NaBH₄ Reduction of Oxime Ether for the Synthesis of Î²-Lactamase Inhibitor Relebactam. Journal of Organic Chemistry, 2020, 85, 994-1000.	1.7	13
16	Unique Tandem Heck-Lactamization Naphthyridinone Ring Formation between Acrylanilides and Halogenated Pyridines. Journal of Organic Chemistry, 2006, 71, 8610-8613.	1.7	10
17	Development of a Green and Sustainable Manufacturing Process for Gefapixant Citrate (MK-7264) Part 3: Development of a One-Pot Formylationâ€"Cyclization Sequence to the Diaminopyrimidine Core. Organic Process Research and Development, 2020, 24, 2462-2477.	1.3	10
18	AN IMPROVED PREPARATION OF 2-AZABICYCLO[2.2.2]OCTANE. Synthetic Communications, 2002, 32, 1985-1995.	1.1	8

#	Article	IF	Citations
19	Kilogram-Scale Synthesis of 2â€²-C-Methyl-arabino-Uridine from Uridine via Dynamic Selective Dipivaloylation. Organic Process Research and Development, 2022, 26, 698-709.	1.3	7
20	Enantioselective Nitrile Anion Cyclization to Substituted Pyrrolidines. A Highly Efficient Synthesis of (3S,4R)-N-tert-Butyl-4-arylpyrrolidine-3-carboxylic Acid. ChemInform, 2005, 36, no.	0.1	0
21	An Improved Preparation of 2â€Azabicyclo[2.2.2]octane.. ChemInform, 2002, 33, 158-158.	0.1	0
22	An Efficient and Scalable Process for the Preparation of a Potent MC4 Receptor Agonist. , 2007, , 65-87.		0