

John Y L Chung

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Kilogram-Scale Synthesis of 2- <i>C</i> -Methyl- <i>arabino</i> -Uridine from Uridine via Dynamic Selective Dipivaloylation. <i>Organic Process Research and Development</i> , 2022, 26, 698-709.	1.3	7
2	Development of a Commercial Manufacturing Route to 2-Fluoroadenine, The Key Unnatural Nucleobase of Islatravir. <i>Organic Process Research and Development</i> , 2021, 25, 395-404.	1.3	16
3	Efficient synthesis of antiviral agent uprifosbuvir enabled by new synthetic methods. <i>Chemical Science</i> , 2021, 12, 9031-9036.	3.7	14
4	Diastereoselective FeCl ₃ ·6H ₂ O/NaBH ₄ Reduction of Oxime Ether for the Synthesis of β -Lactamase Inhibitor Relebactam. <i>Journal of Organic Chemistry</i> , 2020, 85, 994-1000.	1.7	13
5	Development of a Green and Sustainable Manufacturing Process for Gefapixant Citrate (MK-7264) Part 3: Development of a One-Pot Formylation–Cyclization Sequence to the Diaminopyrimidine Core. <i>Organic Process Research and Development</i> , 2020, 24, 2462-2477.	1.3	10
6	Asymmetric Formal Synthesis of the Long-Acting DPP-4 Inhibitor Omarigliptin. <i>Journal of Organic Chemistry</i> , 2017, 82, 9023-9029.	1.7	13
7	Asymmetric Synthesis of <i>N</i> -Boc-(<i>R</i>)-Silaproline via Rh-Catalyzed Intramolecular Hydrosilylation of Dehydroalanine and Continuous Flow <i>N</i> -Alkylation. <i>Organic Letters</i> , 2016, 18, 1812-1815.	2.4	24
8	Evolution of a Manufacturing Route to Omarigliptin, A Long-Acting DPP-4 Inhibitor for the Treatment of Type 2 Diabetes. <i>Organic Process Research and Development</i> , 2015, 19, 1760-1768.	1.3	50
9	Synthesis of ((3- <i>R</i> ,6- <i>R</i>)-6-Methylpiperidin-3-yl)methanol via Biocatalytic Transamination and Crystallization-Induced Dynamic Resolution. <i>Organic Process Research and Development</i> , 2015, 19, 1418-1423.	1.3	15
10	Unusual Pyrimidine Participation: Efficient Stereoselective Synthesis of Potent Dual Orexin Receptor Antagonist MK-6096. <i>Organic Letters</i> , 2014, 16, 5890-5893.	2.4	17
11	Asymmetric Synthesis of a Glucagon Receptor Antagonist via Friedel–Crafts Alkylation of Indole with Chiral $\hat{\pm}$ -Phenyl Benzyl Cation. <i>Organic Process Research and Development</i> , 2012, 16, 1832-1845.	1.3	33
12	Diastereoselective Friedel–Crafts Alkylation of Indoles with Chiral $\hat{\pm}$ -Phenyl Benzyl Cations. Asymmetric Synthesis of Anti-1,1,2-Triarylalkanes. <i>Organic Letters</i> , 2008, 10, 3037-3040.	2.4	67
13	From High-Throughput Catalyst Screening to Reaction Optimization: A Detailed Investigation of Regioselective Suzuki Coupling of 1,6-Naphthyridone Dichloride. <i>Organic Process Research and Development</i> , 2007, 11, 328-335.	1.3	31
14	An Efficient and Scalable Process for the Preparation of a Potent MC4 Receptor Agonist. , 2007, , 65-87.		0
15	Unique Tandem Heck-Lactamization Naphthyridinone Ring Formation between Acrylanilides and Halogenated Pyridines. <i>Journal of Organic Chemistry</i> , 2006, 71, 8610-8613.	1.7	10
16	Enantioselective Nitrile Anion Cyclization to Substituted Pyrrolidines. A Highly Efficient Synthesis of (3 <i>S</i> ,4 <i>R</i>)- <i>N</i> -tert-Butyl-4-arylpyrrolidine-3-carboxylic Acid. <i>ChemInform</i> , 2005, 36, no.	0.1	0
17	Mild and Practical Method for the $\hat{\pm}$ -Arylation of Nitriles with Heteroaryl Halides. <i>Journal of Organic Chemistry</i> , 2005, 70, 10186-10189.	1.7	50
18	Efficient Synthesis of a Trisubstituted 1,6-Naphthyridone from Acetonedicarboxylate and Regioselective Suzuki Arylation. <i>Journal of Organic Chemistry</i> , 2005, 70, 10342-10347.	1.7	14

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19	Enantioselective Nitrile Anion Cyclization to Substituted Pyrrolidines. A Highly Efficient Synthesis of (3S,4R)-N-tert-Butyl-4-Arylpyrrolidine-3-Carboxylic Acid. <i>Journal of Organic Chemistry</i> , 2005, 70, 3592-3601.	1.7	45
20	Synthesis of 3-Aminopyrazinone Mediated by 2-Pyridylthioimidate \sim ZnCl ₂ Complexes. Development of an Efficient Route to a Thrombin Inhibitor. <i>Journal of Organic Chemistry</i> , 2003, 68, 8838-8846.	1.7	16
21	AN IMPROVED PREPARATION OF 2-AZABICYCLO[2.2.2]OCTANE. <i>Synthetic Communications</i> , 2002, 32, 1985-1995.	1.1	8
22	An Improved Preparation of 2-Azabicyclo[2.2.2]octane.. <i>ChemInform</i> , 2002, 33, 158-158.	0.1	0