

Yong Hai Chai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient Large Scale Syntheses of 3-Deoxy- <i>D</i> -manno-2-octulosonic acid (Kdo) and Its Derivatives. <i>Organic Letters</i> , 2015, 17, 2388-2391.	4.6	26
2	Diverse synthesis of pyrimido[1,2- <i>a</i>]benzimidazoles and imidazo[2,1- <i>b</i>]benzothiazoles via CuI-catalyzed decarboxylic multicomponent reactions of heterocyclic azoles, aldehydes and alkynecarboxylic acids. <i>Tetrahedron</i> , 2019, 75, 1052-1063.	1.9	25
3	Synthesis of the ABC Tricyclic System of Daphnicyclidin A. <i>Organic Letters</i> , 2017, 19, 1497-1499.	4.6	24
4	Metal-Free Synthesis of Pyrazoles from 1,3-Diarylpropenes and Hydrazines <i>via</i> Multiple Inter- <i>vs</i> Intra-molecular C-H Aminations. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2610-2620.	4.3	23
5	<i>n</i> -Pentenyl-Type Glycosides for Catalytic Glycosylation and Their Application in Single-Catalyst One-Pot Oligosaccharide Assemblies. <i>Organic Letters</i> , 2019, 21, 8270-8274.	4.6	22
6	Tuning the Chemoselectivity of Silyl Protected Rhamnals by Temperature and Brønsted Acidity: Kinetically Controlled 1,2-Addition vs Thermodynamically Controlled Ferrier Rearrangement. <i>Organic Letters</i> , 2019, 21, 1103-1107.	4.6	21
7	Novel ferrocene-based bifunctional amine-thioureas for asymmetric Michael addition of acetylacetone to nitroolefins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5054-5060.	2.8	18
8	Diphenylprolinol silyl ether-derived thioureas as highly efficient catalysts for the asymmetric Michael addition of aldehydes to nitroalkenes. <i>Tetrahedron Letters</i> , 2015, 56, 4036-4038.	1.4	14
9	Stereoselective β -Mannosylation with 2,6-Lactone-bridged Thiomannosyl Donor by Remote Acyl Group Participation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1424-1428.	3.3	13
10	Structurally Diverse Synthesis of Five-, Six-, and Seven-Membered Benzosultams through Electrochemical Cyclization. <i>Organic Letters</i> , 2021, 23, 6326-6331.	4.6	12
11	Mild and Selective Deprotection of <i>tert</i> -Butyl(dimethyl)silyl Ethers with Catalytic Amounts of Sodium Tetrachloroaurate(III) Dihydrate. <i>Synthesis</i> , 2014, 47, 55-64.	2.3	9
12	Fast and Low-Cost Purification Strategy for Oligosaccharide Synthesis Based on a Hop-On/Off Carrier. <i>Organic Letters</i> , 2020, 22, 2564-2568.	4.6	9
13	Environmentally benign access to isoindolinones: synthesis, separation and resource recycling. <i>Green Chemistry</i> , 2020, 22, 2873-2878.	9.0	6
14	Transition-Metal-Free Synthesis of 1,3-Butadiene-Containing π -Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2016, 37, 2005-2010.	3.9	4
15	Photolabile 2-(2-Nitrophenyl)-propyloxycarbonyl (NPPOC) for Stereoselective Glycosylation and Its Application in Consecutive Assembly of Oligosaccharides. <i>Journal of Organic Chemistry</i> , 2022, 87, 3402-3421.	3.2	4
16	Catalytic and highly stereoselective β -mannopyranosylation using a 2,6-lactone-bridged mannopyranosyl ortho-hexynylbenzoate as donor. <i>Chinese Chemical Letters</i> , 2022, 33, 4878-4881.	9.0	4
17	Organo-Catalyzed Regio- and Geometry-Specific Construction of β -Hydroxyl- α -vinyl Carboxylic Esters: Substrate Scope, Mechanistic Insights, and Applications. <i>Journal of Organic Chemistry</i> , 2018, 83, 10476-10486.	3.2	3