

Nelson Y S Lam

List of Publications by Year in descending order

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24
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving Site-Selectivity for C-H Activation Processes Based on Distance and Geometry: A Carpenter's Approach. <i>Journal of the American Chemical Society</i> , 2020, 142, 10571-10591.	13.7	236
2	Advancing the Logic of Chemical Synthesis: C-H Activation as Strategic and Tactical Disconnections for C-C Bond Construction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15767-15790.	13.8	208
3	A directive Ni catalyst overrides conventional site selectivity in pyridine C-H alkenylation. <i>Nature Chemistry</i> , 2021, 13, 1207-1213.	13.6	67
4	Palladium-Catalyzed Enantioselective $\text{I}^2\text{-C}(\text{sp}^3)\text{-H}$ Activation Reactions of Aliphatic Acids: A Retrosynthetic Surrogate for Enolate Alkylation and Conjugate Addition. <i>Accounts of Chemical Research</i> , 2022, 55, 537-550.	15.6	58
5	From Catalysis to Cancer: Toward Structure-Activity Relationships for Benzimidazol-2-ylidene-Derived N-Heterocyclic-Carbene Complexes as Anticancer Agents. <i>Inorganic Chemistry</i> , 2018, 57, 14427-14434.	4.0	54
6	Advancing the Logic of Chemical Synthesis: C-H Activation as Strategic and Tactical Disconnections for C-C Bond Construction. <i>Angewandte Chemie</i> , 2021, 133, 15901-15924.	2.0	50
7	Unexpected arene ligand exchange results in the oxidation of an organoruthenium anticancer agent: the first X-ray structure of a protein-Ru(carbene) adduct. <i>Chemical Communications</i> , 2018, 54, 6120-6123.	4.1	34
8	Challenges and discoveries in the total synthesis of complex polyketide natural products. <i>Journal of Antibiotics</i> , 2018, 71, 215-233.	2.0	34
9	Empirical Guidelines for the Development of Remote Directing Templates through Quantitative and Experimental Analyses. <i>Journal of the American Chemical Society</i> , 2022, 144, 2793-2803.	13.7	26
10	Synergism of anisotropic and computational NMR methods reveals the likely configuration of phormidolide A. <i>Chemical Communications</i> , 2020, 56, 7565-7568.	4.1	20
11	A synthesis-enabled relative stereochemical assignment of the C1-C28 region of hemicalide. <i>Chemical Communications</i> , 2018, 54, 3247-3250.	4.1	19
12	The Stereocontrolled Total Synthesis of Polyketide Natural Products: A Thirty-Year Journey. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 713-731.	3.2	19
13	A counterintuitive stereochemical outcome from a chelation-controlled vinylmetal aldehyde addition leads to the configurational reassignment of phormidolide A. <i>Chemical Communications</i> , 2019, 55, 9717-9720.	4.1	17
14	Analysis of ruthenium anticancer agents by MEEKC-UV and MEEKC-ICP-MS: Impact of structural motifs on lipophilicity and biological activity. <i>Electrophoresis</i> , 2018, 39, 1201-1207.	2.4	15
15	Mechanistic Study of Enantioselective Pd-Catalyzed $\text{C}(\text{sp}^3)\text{-H}$ Activation of Thioethers Involving Two Distinct Stereomodels. <i>ACS Catalysis</i> , 2021, 11, 9738-9753.	11.2	15
16	Quinoline- <i>para</i> -quinones and metals: coordination-assisted formation of quinoline- <i>ortho</i> -quinones. <i>Chemical Communications</i> , 2018, 54, 992-995.	4.1	13
17	Stereocontrolled Synthesis as an Enabling Tool for the Configurational Assignment of Marine Polyketide Natural Products. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2310-2320.	2.4	12
18	Toward the total synthesis of patellazole B: synthesis of an advanced C1-C25 fragment corresponding to the macrocyclic skeleton. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8286-8291.	2.8	10

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19	Total synthesis and biological evaluation of simplified aplyronine analogues as synthetically tractable anticancer agents. <i>Chemical Communications</i> , 2020, 56, 1529-1532.	4.1	9
20	Conquering peaks and illuminating depths: developing stereocontrolled organic reactions to unlock nature's macrolide treasure trove. <i>Chemical Communications</i> , 2021, 57, 3171-3189.	4.1	9
21	A Solid Support-Based Synthetic Strategy for the Site-Selective Functionalization of Peptides with Organometallic Half-Sandwich Moieties. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	3
22	A synthesis-enabled relative configurational assignment of the C31-C46 region of hemicalide. <i>Chemical Communications</i> , 2022, 58, 5729-5732.	4.1	3
23	Deep-Sea Discovery and Detective Work: Towards Solving the Hemicalide Structural Enigma through Computational NMR Analysis and Stereocontrolled Synthesis. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	1