Nelson Y S Lam

List of Publications by Year
in descending order

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23 papers	933 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	726 citing authors

#	Article	IF	Citations
1	Palladium-Catalyzed Enantioselective Î²-C(sp³)â€“H Activation Reactions of Aliphatic Acids: A Retrosynthetic Surrogate for Enolate Alkylation and Conjugate Addition. Accounts of Chemical Research, 2022, 55, 537-550.	15.6	58
2	Empirical Guidelines for the Development of Remote Directing Templates through Quantitative and Experimental Analyses. Journal of the American Chemical Society, 2022, 144, 2793-2803.	13.7	26
3	A synthesis-enabled relative configurational assignment of the C31â€“C46 region of hemicalide. Chemical Communications, 2022, 58, 5729-5732.	4.1	3
4	Deepâ€Sea Discovery and Detective Work: Towards Solving the Hemicalide Structural Enigma through Computational NMR Analysis and Stereocontrolled Synthesis. European Journal of Organic Chemistry, 2022, 2022, .	2.4	1
5	Advancing the Logic of Chemical Synthesis: Cî¯H Activation as Strategic and Tactical Disconnections for Cî¯C Bond Construction. Angewandte Chemie, 2021, 133, 15901-15924.	2.0	50
6	Advancing the Logic of Chemical Synthesis: Cî¯H Activation as Strategic and Tactical Disconnections for Cî¯C Bond Construction. Angewandte Chemie - International Edition, 2021, 60, 15767-15790.	13.8	208
7	The Stereocontrolled Total Synthesis of Polyketide Natural Products: A Thirty-Year Journey. Bulletin of the Chemical Society of Japan, 2021, 94, 713-731.	3.2	19
8	Mechanistic Study of Enantioselective Pd-Catalyzed C(sp³)â€“H Activation of Thioethers Involving Two Distinct Stereomodels. ACS Catalysis, 2021, 11, 9738-9753.	11.2	15
9	Conquering peaks and illuminating depths: developing stereocontrolled organic reactions to unlock nature's macrolide treasure trove. Chemical Communications, 2021, 57, 3171-3189.	4.1	9
10	A directive Ni catalyst overrides conventional site selectivity in pyridine Câ€“H alkenylation. Nature Chemistry, 2021, 13, 1207-1213.	13.6	67
11	A Solid Supportâ€Based Synthetic Strategy for the Siteâ€Selective Functionalization of Peptides with Organometallic Halfâ€Sandwich Moieties. Chemistry - A European Journal, 2021, , .	3.3	3
12	Stereocontrolled Synthesis as an Enabling Tool for the Configurational Assignment of Marine Polyketide Natural Products. European Journal of Organic Chemistry, 2020, 2020, 2310-2320.	2.4	12
13	Total synthesis and biological evaluation of simplified aplyronine analogues as synthetically tractable anticancer agents. Chemical Communications, 2020, 56, 1529-1532.	4.1	9
14	Synergism of anisotropic and computational NMR methods reveals the likely configuration of phormidolide A. Chemical Communications, 2020, 56, 7565-7568.	4.1	20
15	Achieving Site-Selectivity for Câ€“H Activation Processes Based on Distance and Geometry: A Carpenterâ€™s Approach. Journal of the American Chemical Society, 2020, 142, 10571-10591.	13.7	236
16	A counterintuitive stereochemical outcome from a chelation-controlled vinylmetal aldehyde addition leads to the configurational reassignment of phormidolide A. Chemical Communications, 2019, 55, 9717-9720.	4.1	17
17	Unexpected arene ligand exchange results in the oxidation of an organoruthenium anticancer agent: the first X-ray structure of a proteinâ€“Ru(carbene) adduct. Chemical Communications, 2018, 54, 6120-6123.	4.1	34
18	Analysis of ruthenium anticancer agents by MEEKCâ€UV and MEEKCâ€ICPâ€MS: Impact of structural motifs on lipophilicity and biological activity. Electrophoresis, 2018, 39, 1201-1207.	2.4	15

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19	Quinoline-para-quinones and metals: coordination-assisted formation of quinoline-ortho-quinones. Chemical Communications, 2018, 54, 992-995.	4.1	13
20	A synthesis-enabled relative stereochemical assignment of the C1â€“C28 region of hemicalide. Chemical Communications, 2018, 54, 3247-3250.	4.1	19
21	Challenges and discoveries in the total synthesis of complex polyketide natural products. Journal of Antibiotics, 2018, 71, 215-233.	2.0	34
22	From Catalysis to Cancer: Toward Structureâ€“Activity Relationships for Benzimidazol-2-ylidene-Derived N-Heterocyclic-Carbene Complexes as Anticancer Agents. Inorganic Chemistry, 2018, 57, 14427-14434.	4.0	54
23	Toward the total synthesis of patellazole B: synthesis of an advanced C1â€“C25 fragment corresponding to the macrocyclic skeleton. Organic and Biomolecular Chemistry, 2018, 16, 8286-8291.	2.8	10