

Jose B Roque

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Computational Study of Key Mechanistic Details for a Proposed Copper (I)-Mediated Deconstructive Fluorination of N-Protected Cyclic Amines. <i>Topics in Catalysis</i> , 2022, 65, 418-432.	1.3	4
2	C(sp ²)-H Activation with Bis(silylene)pyridine Cobalt(III) Complexes: Catalytic Hydrogen Isotope Exchange of Sterically Hindered C-H Bonds. <i>ACS Catalysis</i> , 2022, 12, 8877-8885.	5.5	8
3	Key Mechanistic Features of the Silver(I)-Mediated Deconstructive Fluorination of Cyclic Amines: Multistate Reactivity versus Single-Electron Transfer. <i>Journal of the American Chemical Society</i> , 2021, 143, 3889-3900.	6.6	20
4	Sequential Norrish-Yang Cyclization and C-Cleavage/Cross-Coupling of a [4.1.0] Fused Saturated Azacycle. <i>Journal of Organic Chemistry</i> , 2021, 86, 12436-12442.	1.7	5
5	Synthesis of Bridged Bicyclic Amines by Intramolecular Amination of Remote C-H Bonds: Synergistic Activation by Light and Heat. <i>Organic Letters</i> , 2020, 22, 6578-6583.	2.4	10
6	Reactivity and Selectivity Controlling Factors in the Pd/Dialkylbiarylphosphine-Catalyzed C-Cleavage/Cross-Coupling of an N-Fused Bicyclo[1.1.0]butane-2-Hydroxy-1,2-Lactam. <i>Journal of the American Chemical Society</i> , 2020, 142, 21140-21152.	6.6	20
7	A unified strategy to reverse-prenylated indole alkaloids: total syntheses of preparaherquamide, premalbrancheamide, and (+)-VM-55599. <i>Chemical Science</i> , 2020, 11, 5929-5934.	3.7	7
8	C-H/C-C Functionalization Approach to N-Fused Heterocycles from Saturated Azacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 13041-13050.	6.6	36
9	C-Cleavage Approach to C-H Functionalization of Saturated Aza-Cycles. <i>ACS Catalysis</i> , 2020, 10, 2929-2941.	5.5	43
10	Deconstructive diversification of cyclic amines. <i>Nature</i> , 2018, 564, 244-248.	13.7	147
11	Deconstructive fluorination of cyclic amines by carbon-carbon cleavage. <i>Science</i> , 2018, 361, 171-174.	6.0	160