Kevin X Rodriguez

List of Publications by Year
in descending order

14	666	932766 10	1058022 14
papers	citations	h-index	g-index

18	18	18	742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rational Design and Identification of Harmineâ€Inspired, N â€Heterocyclic DYRK1A Inhibitors Employing a Functional Genomic In Vivo Drosophila Model System**. ChemMedChem, 2022, , .	1.6	2
2	Generation of Functionalized Azepinone Derivatives via a (4 + 3)-Cycloaddition of Vinyl Ketenes and Î±-Imino Carbenes Derived from N-Sulfonyl-triazoles. Journal of Organic Chemistry, 2022, 87, 3825-3833.	1.7	3
3	Ni-electrocatalytic Csp3â€“Csp3 doubly decarboxylative coupling. Nature, 2022, 606, 313-318.	13.7	96
4	Convergent total synthesis of (+)-calcipotriol: A scalable, modular approach to vitamin D analogs. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200814119.	3.3	10
5	Oxyphosphonium Enolate Equilibria in a (4+1)â€Cycloaddition Approach toward Quaternary C3â€Spirooxindole Assembly. Chemistry - A European Journal, 2021, 27, 10349-10355.	1.7	5
6	Combined Scaffold Evaluation and Systemsâ€Level Transcriptomeâ€Based Analysis for Accelerated Lead Optimization Reveals Ribosomal Targeting Spirooxindole Cyclopropanes. ChemMedChem, 2019, 14, 1653-1661.	1.6	11
7	Scalable and safe synthetic organic electroreduction inspired by Li-ion battery chemistry. Science, 2019, 363, 838-845.	6.0	305
8	An unusual stereoretentive 1,3-quaternary carbon shift resulting in an enantioselective Rh^{II}-catalyzed formal [4+1]-cycloaddition between diazo compounds and vinyl ketenes. Chemical Science, 2018, 9, 3221-3226.	3.7	29
9	Rearrangement of an Intermediate Cyclopropyl Ketene in a Rh^{II}-Catalyzed Formal [4 + 1]-Cycloaddition Employing Vinyl Ketenes as 1,4-Dipoles and Donorâ€“Acceptor Metallocarbenes. Organic Letters, 2017, 19, 2482-2485.	2.4	27
10	Phosphorus(III)-Mediated Stereoconvergent Formal [4+1]-Cycloannulation of 1,2-Dicarbonyls and o-Quinone Methides: A Multicomponent Assembly of 2,3-Dihydrobenzofurans. Organic Letters, 2016, 18, 4514-4517.	2.4	65
11	Phosphine-mediated addition of 1,2-dicarbonyls to diazenes: an umpolung approach toward N-acyl hydrazone synthesis. Tetrahedron Letters, 2015, 56, 3527-3530.	0.7	21
12	Stereochemical implications in the synthesis of 3,3â€²-spirocyclopropyl oxindoles from Î²-aryl/alkyl-substituted alkylidene oxindoles. Tetrahedron, 2015, 71, 5765-5775.	1.0	45
13	Click-based synthesis of triazolobithiazole Î”F508-CFTR correctors for cystic fibrosis. Bioorganic and Medicinal Chemistry, 2012, 20, 5247-5253.	1.4	15
14	A One-Potâ€“Three-Step Route to Triazolotriazepinoindazolones from Oxazolino-2H-indazoles. Organic Letters, 2012, 14, 3870-3873.	2.4	32