

Kevin X Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

666
citations

932766

10
h-index

1058022

14
g-index

18
all docs

18
docs citations

18
times ranked

742
citing authors

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