

Antonio Ramirez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,052
citations

567281

15
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Progress in the Chemistry and Pharmacology of Akuammiline Alkaloids. <i>Current Medicinal Chemistry</i> , 2003, 10, 1891-1915.	2.4	214
2	Intermolecular Reductive C–N Cross Coupling of Nitroarenes and Boronic Acids by Pd-Catalyzed C–O Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 15200-15205.	13.7	126
3	Biphilic Organophosphorus-Catalyzed Intramolecular C–C–H Amination: Evidence for a Nitrenoid in Catalytic Cadogan Cyclizations. <i>Journal of the American Chemical Society</i> , 2018, 140, 3103-3113.	13.7	103
4	Synthesis of Cyclobutane-Fused Tetracyclic Scaffolds via Visible-Light Photocatalysis for Building Molecular Complexity. <i>Journal of the American Chemical Society</i> , 2020, 142, 3094-3103.	13.7	92
5	An Improved Pd-Catalyzed Reductive C–N Coupling of Nitroaromatics and Boronic Acids by Mechanistic Differentiation of Rate- and Product-Determining Steps. <i>Journal of the American Chemical Society</i> , 2020, 142, 6786-6799.	13.7	68
6	Lithium Diisopropylamide-Mediated Enolization: Catalysis by Hemilabile Ligands. <i>Journal of the American Chemical Society</i> , 2006, 128, 10326-10336.	13.7	66
7	Serine-Selective Bioconjugation. <i>Journal of the American Chemical Society</i> , 2020, 142, 17236-17242.	13.7	58
8	Hemi-Labile Ligands in Organolithium Chemistry: Rate Studies of the LDA-Mediated 1- and 2-Metalations of Epoxides. <i>Journal of the American Chemical Society</i> , 1999, 121, 11114-11121.	13.7	51
9	Hemilabile Ligands in Organolithium Chemistry: Substituent Effects on Lithium Ion Chelation. <i>Journal of the American Chemical Society</i> , 2003, 125, 15376-15387.	13.7	50
10	Photocatalytic Dearomative Intermolecular [2 + 2] Cycloaddition of Heterocycles for Building Molecular Complexity. <i>Journal of Organic Chemistry</i> , 2021, 86, 1730-1747.	3.2	45
11	Formation of Benzynes from 2,6-Dihaloaryllithiums: Mechanistic Basis of the Regioselectivity. <i>Journal of the American Chemical Society</i> , 2004, 126, 14700-14701.	13.7	31
12	Model-Guided Design Space Development for a Drug Substance Manufacturing Process. <i>Journal of Pharmaceutical Innovation</i> , 2011, 6, 181-192.	2.4	31
13	Applications of Quantum Chemistry in Pharmaceutical Process Development: Current State and Opportunities. <i>Organic Process Research and Development</i> , 2020, 24, 1496-1507.	2.7	25
14	Predicting Performance of Photochemical Transformations for Scaling Up in Different Platforms by Combining High-Throughput Experimentation with Computational Modeling. <i>Organic Process Research and Development</i> , 2020, 24, 2128-2138.	2.7	23
15	A Mechanistic Study on the Amidation of Esters Mediated by Sodium Formamide. <i>Journal of Organic Chemistry</i> , 2012, 77, 775-779.	3.2	16
16	Synthesis of ethyl 3-phenyl-4-(trifluoromethyl)isoxazole-5-carboxylate via regioselective dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2012, 53, 3994-3997.	1.4	15
17	Kinetic and Mechanistic Insight into the Thermodynamic Degradation of Saxagliptin. <i>Journal of Organic Chemistry</i> , 2011, 76, 10332-10337.	3.2	13
18	A Practical and Robust Multistep Continuous Process for Manufacturing 5-Bromo-N-(tert-butyl)pyridine-3-sulfonamide. <i>Organic Process Research and Development</i> , 2019, 23, 2088-2095.	2.7	13

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19	Implementation of a mathematical model for the photochemical kinetics of a solid form active pharmaceutical ingredient. <i>International Journal of Pharmaceutics</i> , 2019, 566, 500-512.	5.2	3
20	Discovery of Annulating Reagents Enabling the One-Step and Highly Stereoselective Synthesis of Cyclopentyl and Cyclohexyl Cores. <i>Organic Letters</i> , 2021, 23, 60-65.	4.6	3
21	Mechanistic Studies of a Pd-Catalyzed Direct Arylation En Route to Beclabuvir: Dual Role of a Tetramethylammonium Cation and an Unusual Turnover-Limiting Step. <i>ACS Catalysis</i> , 2021, 11, 2460-2472.	11.2	2
22	Kinetic and Thermodynamic Considerations in the Rh-Catalyzed Enantioselective Hydrogenation of 2-Pyridyl-Substituted Alkenes. <i>ACS Catalysis</i> , 0, , 5961-5969.	11.2	2
23	Some Items of Interest to Process R&D Chemists and Engineers. <i>Organic Process Research and Development</i> , 2022, 26, 1-9.	2.7	1
24	Development of a Process to a 4-Arylated 2-Methylisoquinolin-1(2 <i>H</i>)-one for the Treatment of Solid Tumors: Lessons in Ortho-Bromination, Selective Solubility, Pd Deactivation, and Form Control. <i>Organic Process Research and Development</i> , 0, , .	2.7	1
25	Some Items of Interest to Process R&D Chemists and Engineers. <i>Organic Process Research and Development</i> , 2019, 23, 1107-1117.	2.7	0