

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	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
2	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
3	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
4	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
5	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
6	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
7	Serine-Selective Bioconjugation. <i>Journal of the American Chemical Society</i> , 2020, 142, 17236-17242.	13.7	58
8	An Improved P ^{III} /P ^V -â•O-Catalyzed Reductive Câ€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
9	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
10	A Practical and Robust Multistep Continuous Process for Manufacturing 5-Bromo- <i>N</i> -(<i>tert</i> -butyl)pyridine-3-sulfonamide. <i>Organic Process Research and Development</i> , 2019, 23, 2088-2095.	2.7	13
11	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
12	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
13	Biphilic Organophosphorus-Catalyzed Intramolecular C ^{sp2} -Câ€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
14	Intermolecular Reductive Câ€N Cross Coupling of Nitroarenes and Boronic Acids by P ^{III} /P ^V -â•O Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 15200-15205.	13.7	126
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	Model-Guided Design Space Development for a Drug Substance Manufacturing Process. <i>Journal of Pharmaceutical Innovation</i> , 2011, 6, 181-192.	2.4	31

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19	Lithium Diisopropylamide-Mediated Enolization: A Catalysis by Hemilabile Ligands. Journal of the American Chemical Society, 2006, 128, 10326-10336.	13.7	66
20	Formation of Benzyne from 2,6-Dihaloarylolithiums: A Mechanistic Basis of the Regioselectivity. Journal of the American Chemical Society, 2004, 126, 14700-14701.	13.7	31
21	Hemilabile Ligands in Organolithium Chemistry: A Substituent Effects on Lithium Ion Chelation. Journal of the American Chemical Society, 2003, 125, 15376-15387.	13.7	50
22	Current Progress in the Chemistry and Pharmacology of Akuammiline Alkaloids. Current Medicinal Chemistry, 2003, 10, 1891-1915.	2.4	214
23	Hemi-Labile Ligands in Organolithium Chemistry: A Rate Studies of the LDA-Mediated $\hat{1}^{\pm}$ - and $\hat{1}^2$ -Metalations of Epoxides. Journal of the American Chemical Society, 1999, 121, 11114-11121.	13.7	51
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. Organic Process Research and Development, 0, , .	2.7	1
25	Kinetic and Thermodynamic Considerations in the Rh-Catalyzed Enantioselective Hydrogenation of 2-Pyridyl-Substituted Alkenes. ACS Catalysis, 0, , 5961-5969.	11.2	2