Rodrigo B Andrade

List of Publications by Year
in descending order

44	1,031	471509 17	434195 31
papers	citations	h-index	g-index

50	50	50	1019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Domino Michael/Mannich/N-Alkylation Route to the Tetrahydrocarbazole Framework of Aspidosperma Alkaloids: Concise Total Syntheses of (â˜')-Aspidospermidine, (â˜')-Tabersonine, and (â˜')-Vincadifformine. Journal of the American Chemical Society, 2013, 135, 13334-13337.	13.7	107
2	Concise Total Syntheses of (Â±)-Strychnine and (Â±)-Akuammicine. Journal of Organic Chemistry, 2010, 75, 3529-3532.	3.2	97
3	Total Synthesis of (â˜')-Leuconicine A and B. Organic Letters, 2011, 13, 4736-4737.	4.6	66
4	Sequential One-Pot Cyclizations: Concise Access to the ABCE Tetracyclic Framework of Strychnos Alkaloids. Organic Letters, 2009, 11, 2085-2088.	4.6	65
5	Ribosome-Templated Azideâ€“Alkyne Cycloadditions: Synthesis of Potent Macrolide Antibiotics by In Situ Click Chemistry. Journal of the American Chemical Society, 2016, 138, 3136-3144.	13.7	55
6	Formal Syntheses of (Â±)-Pinnaic Acid and (Â±)-Halichlorine. Organic Letters, 2005, 7, 5733-5735.	4.6	52
7	Development and Scope of the Arene-Fused Domino Michael/Mannich Reaction: Application to the Total Syntheses ofAspidospermaAlkaloids (â˜')-Aspidospermidine, (â˜')-Tabersonine, and (â˜')-Vincadifformine. Journal of Organic Chemistry, 2017, 82, 521-531.	3.2	48
8	A <scp>BAHD</scp> acyltransferase catalyzing 19â€Oâ€acetylation of tabersonine derivatives in roots of Catharanthus roseus enables combinatorial synthesis of monoterpene indole alkaloids. Plant Journal, 2018, 94, 469-484.	5.7	46
9	Total Synthesis of (â˜')â€Melotenineâ€...A. Angewandte Chemie - International Edition, 2013, 52, 8309-8311.	13.8	45
10	Two Tabersonine 6,7-Epoxidases Initiate Lochnericine-Derived Alkaloid Biosynthesis in Catharanthus roseus. Plant Physiology, 2018, 177, 1473-1486.	4.8	34
11	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
12	Synthesis and evaluation of Strychnos alkaloids as MDR reversal agents for cancer cell eradication. Bioorganic and Medicinal Chemistry, 2014, 22, 1148-1155.	3.0	30
13	Stacking Interactions between 9-Methyladenine and Heterocycles Commonly Found in Pharmaceuticals. Journal of Chemical Information and Modeling, 2016, 56, 906-914.	5.4	22
14	Desmethyl Macrolides: Synthesis and Evaluation of 4,8,10-Tridesmethyl Cethromycin. ACS Medicinal Chemistry Letters, 2013, 4, 1114-1118.	2.8	21
15	Synthesis and Biological Evaluation of Pentacyclic Strychnos Alkaloids as Selective Modulators of the ABCC10 (MRP7) Efflux Pump. Journal of Medicinal Chemistry, 2014, 57, 10383-10390.	6.4	19
16	Total Synthesis of (â˜')â€Albocycline. Angewandte Chemie - International Edition, 2017, 56, 5909-5911.	13.8	19
17	Synthesis of (â˜')-Melodinine K: A Case Study of Efficiency in Natural Product Synthesis. Journal of Natural Products, 2020, 83, 2425-2433.	3.0	19
18	Sequential cross-metathesis/phosphorus-based olefination: stereoselective synthesis of 2,4-dienoates. Tetrahedron Letters, 2007, 48, 5367-5370.	1.4	18

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19	One-pot sequential cross-metathesis/hydride reduction: highly stereoselective synthesis of primary (E)-allylic alcohols from terminal olefins. Tetrahedron Letters, 2008, 49, 3363-3367.	1.4	17
20	Biomimetic Total Syntheses of (â˜)â€Leucoridinesâ€...A and C through the Dimerization of (â˜)â€Dihydrovalparicine. Angewandte Chemie - International Edition, 2015, 54, 12632-12635.	13.8	17
21	Total Synthesis of Desmethyl Macrolide Antibiotics. Synlett, 2015, 26, 2199-2215.	1.8	17
22	Elucidating the inhibition of peptidoglycan biosynthesis in Staphylococcus aureus by albocycline, a macrolactone isolated from Streptomyces maizeus. Bioorganic and Medicinal Chemistry, 2018, 26, 3453-3460.	3.0	15
23	Ribosome-Templated Azideâ€“Alkyne Cycloadditions Using Resistant Bacteria as Reaction Vessels: in Cellulo Click Chemistry. ACS Medicinal Chemistry Letters, 2018, 9, 907-911.	2.8	15
24	Syntheses of the Crocacins. A Review. Organic Preparations and Procedures International, 2009, 41, 359-383.	1.3	14
25	Total Syntheses of (â€“)-Alstolucines A, B, and F, (â€“)-Echitamidine, and (â€“)-N-Demethylalstogucine. Synthesis, 2015, 47, 1547-1556.	2.3	14
26	Total synthesis of (+)-crocacin C. Bioorganic and Medicinal Chemistry, 2010, 18, 3648-3655.	3.0	13
27	Desmethyl Macrolides: Synthesis and Evaluation of 4-Desmethyl Telithromycin. ACS Medicinal Chemistry Letters, 2014, 5, 1021-1026.	2.8	13
28	Asymmetric total synthesis of (â˜)-melotenine A. Tetrahedron, 2016, 72, 6107-6112.	1.9	10
29	In vivo Antimalarial and Antitrypanosomal Activity of Strychnogucine B, a Bisindole Alkaloid from Strychnos icaja. Planta Medica, 2018, 84, 881-885.	1.3	10
30	Total Synthesis of (+)-epi-Condyfoline. Organic Letters, 2019, 21, 9594-9597.	4.6	10
31	Concise Syntheses of bisâ€•Strychnos Alkaloids (â˜)â€Sungucine, (â˜)â€Isosungucine, and (â˜)â€Strychnogucineâ€...B from (â˜)â€Strychnine. Chemistry - A European Journal, 2016, 22, 11593-11596.	3.3	7
32	Synthesis and biological evaluation of semi-synthetic albocycline analogs. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127509.	2.2	7
33	Aspidosperma and Strychnos alkaloids: Chemistry and biology. The Alkaloids Chemistry and Biology, 2021, 86, 1-143.	2.0	7
34	Synthesis and biological evaluation of solithromycin analogs against multidrug resistant pathogens. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1386-1389.	2.2	6
35	The vinylogous aldol reaction of N-Sulfinyl metallodienamines. Tetrahedron, 2020, 76, 130901.	1.9	5
36	Total Synthesis of Strychnos Alkaloids Akuammicine, Strychnine, and Leuconicines A and B. Strategies and Tactics in Organic Synthesis, 2013, 9, 1-44.	0.1	4

#	Article	IF	Citations
37	Synthesis, Biological Evaluation, and Computational Analysis of Biaryl Sideâ€Chain Analogs of Solithromycin. ChemMedChem, 2021, 16, 3368-3373.	3.2	3
38	Alternative approaches utilizing click chemistry to develop next-generation analogs of solithromycin. European Journal of Medicinal Chemistry, 2022, 233, 114213.	5.5	3
39	Total Synthesis of (â^')â€Albocycline. Angewandte Chemie, 2017, 129, 6003-6005.	2.0	2
40	Staphylococcus aureus resistance to albocycline can be achieved by mutations that alter cellular NAD/PH pools. Bioorganic and Medicinal Chemistry, 2021, 32, 115995.	3.0	2
41	Domino Michael/Mannich Annulation Reaction of N-Sulfinyl Lithiodienamines. Organic Letters, 2021, 23, 7014-7017.	4.6	2
42	Synthesis of Bis-Strychnos Alkaloids (â€“)-Sungucine, (â€“)-Isosungucine, and (â€“)-Strychnogucine B from (â€“)-Strychnine. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
43	Semi-syntheses and interrogation of indole-substituted Aspidosperma terpenoid alkaloids. Organic and Biomolecular Chemistry, 2022, 20, 3988-3997.	2.8	1
44	Semisynthesis of Bis-Indole Alkaloid (â^')-Melodinine K Enabled by a Combination of Biotransformation and Chemical Synthesis. Methods in Molecular Biology, 2022, , 101-112.	0.9	1