Rodrigo B Andrade

List of Publications by Year
in descending order

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44	1,031	535685 17	488211 31
papers	citations	h-index	g-index

50	50	50	1128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alternative approaches utilizing click chemistry to develop next-generation analogs of solithromycin. European Journal of Medicinal Chemistry, 2022, 233, 114213.	2.6	3
2	Semi-syntheses and interrogation of indole-substituted Aspidosperma terpenoid alkaloids. Organic and Biomolecular Chemistry, 2022, 20, 3988-3997.	1.5	1
3	Semisynthesis of Bis-Indole Alkaloid (â˜)-Melodinine K Enabled by a Combination of Biotransformation and Chemical Synthesis. Methods in Molecular Biology, 2022, , 101-112.	0.4	1
4	Aspidosperma and Strychnos alkaloids: Chemistry and biology. The Alkaloids Chemistry and Biology, 2021, 86, 1-143.	0.8	7
5	Staphylococcus aureus resistance to albocycline can be achieved by mutations that alter cellular NAD/PH pools. Bioorganic and Medicinal Chemistry, 2021, 32, 115995.	1.4	2
6	Domino Michael/Mannich Annulation Reaction of N-Sulfinyl Lithiodienamines. Organic Letters, 2021, 23, 7014-7017.	2.4	2
7	Synthesis, Biological Evaluation, and Computational Analysis of Biaryl Sideâ€Chain Analogs of Solithromycin. ChemMedChem, 2021, 16, 3368-3373.	1.6	3
8	The vinylogous aldol reaction of N-Sulfinyl metallodienamines. Tetrahedron, 2020, 76, 130901.	1.0	5
9	Synthesis and biological evaluation of semi-synthetic albocycline analogs. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127509.	1.0	7
10	Synthesis of (â˜)-Melodinine K: A Case Study of Efficiency in Natural Product Synthesis. Journal of Natural Products, 2020, 83, 2425-2433.	1.5	19
11	Synthesis and biological evaluation of solithromycin analogs against multidrug resistant pathogens. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1386-1389.	1.0	6
12	Total Synthesis of (+)-epi-Condyfoline. Organic Letters, 2019, 21, 9594-9597.	2.4	10
13	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.	2.8	46
14	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	5.3	32
15	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.	1.4	15
16	In vivo Antimalarial and Antitrypanosomal Activity of Strychnogucine B, a Bisindole Alkaloid from Strychnos icaja. Planta Medica, 2018, 84, 881-885.	0.7	10
17	Two Tabersonine 6,7-Epoxidases Initiate Lochnericine-Derived Alkaloid Biosynthesis in Catharanthus roseus. Plant Physiology, 2018, 177, 1473-1486.	2.3	34
18	Ribosome-Templated Azideâ€“Alkyne Cycloadditions Using Resistant Bacteria as Reaction Vessels: in Cellulo Click Chemistry. ACS Medicinal Chemistry Letters, 2018, 9, 907-911.	1.3	15

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19	Total Synthesis of (â˜')â€Albocycline. Angewandte Chemie - International Edition, 2017, 56, 5909-5911.	7.2	19
20	Total Synthesis of (â˜')â€Albocycline. Angewandte Chemie, 2017, 129, 6003-6005.	1.6	2
21	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.	1.7	48
22	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.	1.7	7
23	Stacking Interactions between 9-Methyladenine and Heterocycles Commonly Found in Pharmaceuticals. Journal of Chemical Information and Modeling, 2016, 56, 906-914.	2.5	22
24	Asymmetric total synthesis of (â˜')-melotenine A. Tetrahedron, 2016, 72, 6107-6112.	1.0	10
25	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.	6.6	55
26	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.	7.2	17
27	Total Syntheses of (â€“)-Alstolucines A, B, and F, (â€“)-Echitamidine, and (â€“)-N-Demethylalstogucine. Synthesis, 2015, 47, 1547-1556.	1.2	14
28	Total Synthesis of Desmethyl Macrolide Antibiotics. Synlett, 2015, 26, 2199-2215.	1.0	17
29	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.	2.9	19
30	Synthesis and evaluation of Strychnos alkaloids as MDR reversal agents for cancer cell eradication. Bioorganic and Medicinal Chemistry, 2014, 22, 1148-1155.	1.4	30
31	Desmethyl Macrolides: Synthesis and Evaluation of 4-Desmethyl Telithromycin. ACS Medicinal Chemistry Letters, 2014, 5, 1021-1026.	1.3	13
32	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
33	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.	6.6	107
34	Total Synthesis of (â˜')â€Melotenineâ€...A. Angewandte Chemie - International Edition, 2013, 52, 8309-8311.	7.2	45
35	Desmethyl Macrolides: Synthesis and Evaluation of 4,8,10-Tridesmethyl Cethromycin. ACS Medicinal Chemistry Letters, 2013, 4, 1114-1118.	1.3	21
36	Total Synthesis of (â˜')-Leuconicine A and B. Organic Letters, 2011, 13, 4736-4737.	2.4	66

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37	Total synthesis of (+)-crocacin C. Bioorganic and Medicinal Chemistry, 2010, 18, 3648-3655.	1.4	13
38	Concise Total Syntheses of (Â±)-Strychnine and (Â±)-Akuammicine. Journal of Organic Chemistry, 2010, 75, 3529-3532.	1.7	97
39	Syntheses of the Crocacins. A Review. Organic Preparations and Procedures International, 2009, 41, 359-383.	0.6	14
40	Sequential One-Pot Cyclizations: Concise Access to the ABCE Tetracyclic Framework of Strychnos Alkaloids. Organic Letters, 2009, 11, 2085-2088.	2.4	65
41	One-pot sequential cross-metathesis/hydride reduction: highly stereoselective synthesis of primary (E)-allylic alcohols from terminal olefins. Tetrahedron Letters, 2008, 49, 3363-3367.	0.7	17
42	Sequential cross-metathesis/phosphorus-based olefination: stereoselective synthesis of 2,4-dienoates. Tetrahedron Letters, 2007, 48, 5367-5370.	0.7	18
43	Formal Syntheses of (Â±)-Pinnaic Acid and (Â±)-Halichlorine. Organic Letters, 2005, 7, 5733-5735.	2.4	52
44	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