

Rodrigo B Andrade

List of Publications by Year in descending order

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44
papers

1,031
citations

471509

17
h-index

434195

31
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50
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50
docs citations

50
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative approaches utilizing click chemistry to develop next-generation analogs of solithromycin. <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114213.	5.5	3
2	Semi-syntheses and interrogation of indole-substituted <i>Aspidosperma</i> terpenoid alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3988-3997.	2.8	1
3	Semisynthesis of Bis-Indole Alkaloid (β)-Melodinine K Enabled by a Combination of Biotransformation and Chemical Synthesis. <i>Methods in Molecular Biology</i> , 2022, , 101-112.	0.9	1
4	<i>Aspidosperma</i> and <i>Strychnos</i> alkaloids: Chemistry and biology. <i>The Alkaloids Chemistry and Biology</i> , 2021, 86, 1-143.	2.0	7
5	<i>Staphylococcus aureus</i> resistance to albocycline can be achieved by mutations that alter cellular NAD/PH pools. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 115995.	3.0	2
6	Domino Michael/Mannich Annulation Reaction of N-Sulfinyl Lithiodienamines. <i>Organic Letters</i> , 2021, 23, 7014-7017.	4.6	2
7	Synthesis, Biological Evaluation, and Computational Analysis of Biaryl Side-Chain Analogs of Solithromycin. <i>ChemMedChem</i> , 2021, 16, 3368-3373.	3.2	3
8	The vinylogous aldol reaction of N-Sulfinyl metallodienamines. <i>Tetrahedron</i> , 2020, 76, 130901.	1.9	5
9	Synthesis and biological evaluation of semi-synthetic albocycline analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127509.	2.2	7
10	Synthesis of (β)-Melodinine K: A Case Study of Efficiency in Natural Product Synthesis. <i>Journal of Natural Products</i> , 2020, 83, 2425-2433.	3.0	19
11	Synthesis and biological evaluation of solithromycin analogs against multidrug resistant pathogens. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1386-1389.	2.2	6
12	Total Synthesis of (+)- <i>epi</i> -Condyfoline. <i>Organic Letters</i> , 2019, 21, 9594-9597.	4.6	10
13	A <i>BAHD</i> acyltransferase catalyzing 19-O-acetylation of tabersonine derivatives in roots of <i>Catharanthus roseus</i> enables combinatorial synthesis of monoterpene indole alkaloids. <i>Plant Journal</i> , 2018, 94, 469-484.	5.7	46
14	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
15	Elucidating the inhibition of peptidoglycan biosynthesis in <i>Staphylococcus aureus</i> by albocycline, a macrolactone isolated from <i>Streptomyces maizeus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3453-3460.	3.0	15
16	In vivo Antimalarial and Antitrypanosomal Activity of Strychnogucine B, a Bisindole Alkaloid from <i>Strychnos icaia</i> . <i>Planta Medica</i> , 2018, 84, 881-885.	1.3	10
17	Two Tabersonine 6,7-Epoxidases Initiate Lochnericine-Derived Alkaloid Biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Physiology</i> , 2018, 177, 1473-1486.	4.8	34
18	Ribosome-Templated Azide-Alkyne Cycloadditions Using Resistant Bacteria as Reaction Vessels: <i>in Cellulo</i> Click Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 907-911.	2.8	15

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19	Total Synthesis of (âˆ™)â€Albocycline. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5909-5911.	13.8	19
20	Total Synthesis of (âˆ™)â€Albocycline. <i>Angewandte Chemie</i> , 2017, 129, 6003-6005.	2.0	2
21	Development and Scope of the Arene-Fused Domino Michael/Mannich Reaction: Application to the Total Syntheses of <i>Aspidosperma</i> Alkaloids (âˆ™)-Aspidospermidine, (âˆ™)-Tabersonine, and (âˆ™)-Vincadifformine. <i>Journal of Organic Chemistry</i> , 2017, 82, 521-531.	3.2	48
22	Concise Syntheses of bisâ€Strychnos Alkaloids (âˆ™)â€Sungucine, (âˆ™)â€Isosungucine, and (âˆ™)â€Strychnogucineâ€B from (âˆ™)â€Strychnine. <i>Chemistry - A European Journal</i> , 2016, 22, 11593-11596.	3.3	7
23	Stacking Interactions between 9-Methyladenine and Heterocycles Commonly Found in Pharmaceuticals. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 906-914.	5.4	22
24	Asymmetric total synthesis of (âˆ™)-melotenine A. <i>Tetrahedron</i> , 2016, 72, 6107-6112.	1.9	10
25	Ribosome-Templated Azideâ€Alkyne Cycloadditions: Synthesis of Potent Macrolide Antibiotics by In Situ Click Chemistry. <i>Journal of the American Chemical Society</i> , 2016, 138, 3136-3144.	13.7	55
26	Biomimetic Total Syntheses of (âˆ™)â€Leuconidinesâ€A and C through the Dimerization of (âˆ™)â€Dihydrovalparicine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12632-12635.	13.8	17
27	Total Syntheses of (â€)-Alstolucines A, B, and F, (â€)-Echitamidine, and (â€)-N-Demethylalstogucine. <i>Synthesis</i> , 2015, 47, 1547-1556.	2.3	14
28	Total Synthesis of Desmethyl Macrolide Antibiotics. <i>Synlett</i> , 2015, 26, 2199-2215.	1.8	17
29	Synthesis and Biological Evaluation of Pentacyclic <i>Strychnos</i> Alkaloids as Selective Modulators of the ABCB1 (MRP1) Efflux Pump. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10383-10390.	6.4	19
30	Synthesis and evaluation of Strychnos alkaloids as MDR reversal agents for cancer cell eradication. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1148-1155.	3.0	30
31	Desmethyl Macrolides: Synthesis and Evaluation of 4-Desmethyl Telithromycin. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1021-1026.	2.8	13
32	Total Synthesis of Strychnos Alkaloids Akuammicine, Strychnine, and Leuconicines A and B. <i>Strategies and Tactics in Organic Synthesis</i> , 2013, 9, 1-44.	0.1	4
33	Domino Michael/Mannich/N-Alkylation Route to the Tetrahydrocarbazole Framework of <i>Aspidosperma</i> Alkaloids: Concise Total Syntheses of (âˆ™)-Aspidospermidine, (âˆ™)-Tabersonine, and (âˆ™)-Vincadifformine. <i>Journal of the American Chemical Society</i> , 2013, 135, 13334-13337.	13.7	107
34	Total Synthesis of (âˆ™)â€Melotenineâ€A. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8309-8311.	13.8	45
35	Desmethyl Macrolides: Synthesis and Evaluation of 4,8,10-Tridesmethyl Cethromycin. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1114-1118.	2.8	21
36	Total Synthesis of (âˆ™)-Leuconicine A and B. <i>Organic Letters</i> , 2011, 13, 4736-4737.	4.6	66

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37	Total synthesis of (+)-crocacin C. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3648-3655.	3.0	13
38	Concise Total Syntheses of (±)-Strychnine and (±)-Akuammicine. <i>Journal of Organic Chemistry</i> , 2010, 75, 3529-3532.	3.2	97
39	Syntheses of the Crocacin. A Review. <i>Organic Preparations and Procedures International</i> , 2009, 41, 359-383.	1.3	14
40	Sequential One-Pot Cyclizations: Concise Access to the ABCDE Tetracyclic Framework of <i>Strychnos</i> Alkaloids. <i>Organic Letters</i> , 2009, 11, 2085-2088.	4.6	65
41	One-pot sequential cross-metathesis/hydride reduction: highly stereoselective synthesis of primary (E)-allylic alcohols from terminal olefins. <i>Tetrahedron Letters</i> , 2008, 49, 3363-3367.	1.4	17
42	Sequential cross-metathesis/phosphorus-based olefination: stereoselective synthesis of 2,4-dienoates. <i>Tetrahedron Letters</i> , 2007, 48, 5367-5370.	1.4	18
43	Formal Syntheses of (±)-Pinnaic Acid and (±)-Halichlorine. <i>Organic Letters</i> , 2005, 7, 5733-5735.	4.6	52
44	Synthesis of Bis-Strychnos Alkaloids (±)-Sungucine, (±)-Isosungucine, and (±)-Strychnogucine B from (±)-Strychnine. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1