

Carmenza Spadafora

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,611
citations

331670

21
h-index

302126

39
g-index

54
all docs

54
docs citations

54
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro and in vivo experimental models for drug screening and development for Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2010, 105, 233-238.	1.6	278
2	Malarial hemozoin: From target to tool. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2032-2041.	2.4	179
3	Cytotoxic Veraguamides, Alkynyl Bromide-Containing Cyclic Depsipeptides from the Marine Cyanobacterium cf. <i>Oscillatoria margaritifera</i> . <i>Journal of Natural Products</i> , 2011, 74, 928-936.	3.0	95
4	Bioactivity of Fungal Endophytes as a Function of Endophyte Taxonomy and the Taxonomy and Distribution of Their Host Plants. <i>PLoS ONE</i> , 2013, 8, e73192.	2.5	91
5	Complement Receptor 1 Is a Sialic Acid-Independent Erythrocyte Receptor of <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2010, 6, e1000968.	4.7	86
6	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . <i>Journal of Organic Chemistry</i> , 2015, 80, 7849-7855.	3.2	68
7	Imaging mass spectrometry and MS/MS molecular networking reveals chemical interactions among cuticular bacteria and pathogenic fungi associated with fungus-growing ants. <i>Scientific Reports</i> , 2017, 7, 5604.	3.3	60
8	Coibacins A–D, Antileishmanial Marine Cyanobacterial Polyketides with Intriguing Biosynthetic Origins. <i>Organic Letters</i> , 2012, 14, 3878-3881.	4.6	56
9	Randomized, Double-Blinded, Phase 2 Trial of WR 279,396 (Paromomycin and Gentamicin) for Cutaneous Leishmaniasis in Panama. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 89, 557-563.	1.4	51
10	Antitrypanosomal Alkaloids from the Marine Bacterium <i>Bacillus pumilus</i> . <i>Molecules</i> , 2012, 17, 11146-11155.	3.8	48
11	Dudawalamides A–D, Antiparasitic Cyclic Depsipeptides from the Marine Cyanobacterium <i>Moorea producens</i> . <i>Journal of Natural Products</i> , 2017, 80, 1827-1836.	3.0	39
12	Chemical constituents of the new endophytic fungus <i>Mycosphaerella</i> sp. nov. and their anti-parasitic activity. <i>Natural Product Communications</i> , 2011, 6, 835-40.	0.5	32
13	Bastimolide B, an Antimalarial 24-Membered Marine Macrolide Possessing a <i>tert</i> -Butyl Group. <i>Journal of Natural Products</i> , 2018, 81, 211-215.	3.0	29
14	<i>Plasmodium falciparum</i> field isolates use complement receptor 1 (CR1) as a receptor for invasion of erythrocytes. <i>Molecular and Biochemical Parasitology</i> , 2011, 177, 57-60.	1.1	28
15	Volatile organic compounds associated with <i>Plasmodium falciparum</i> infection in vitro. <i>Parasites and Vectors</i> , 2017, 10, 215.	2.5	28
16	Access and Benefit Sharing Under the Nagoya Protocol—Quo Vadis? Six Latin American Case Studies Assessing Opportunities and Risk. <i>Frontiers in Pharmacology</i> , 2020, 11, 765.	3.5	27
17	Chemical Constituents of the New Endophytic Fungus <i>Mycosphaerella</i> sp. nov. and Their Anti-parasitic Activity. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	26
18	Credneramides A and B: Neuromodulatory Phenethylamine and Isopentylamine Derivatives of a Vinyl Chloride-Containing Fatty Acid from cf. <i>Trichodesmium</i> sp. nov.. <i>Journal of Natural Products</i> , 2012, 75, 60-66.	3.0	25

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19	Sloth Hair as a Novel Source of Fungi with Potent Anti-Parasitic, Anti-Cancer and Anti-Bacterial Bioactivity. PLoS ONE, 2014, 9, e84549.	2.5	24
20	Coibanoles, a new class of meroterpenoids produced by Pycnoporus sanguineus. Tetrahedron Letters, 2012, 53, 919-922.	1.4	23
21	Structure modification, antialgal, antiplasmodial, and toxic evaluations of a series of new marine-derived 14-membered resorcylic acid lactone derivatives. Marine Life Science and Technology, 2022, 4, 88-97.	4.6	23
22	Phytochemical composition, antiparasitic and α -glucosidase inhibition activities from Pelliciera rhizophorae. Chemistry Central Journal, 2015, 9, 53.	2.6	22
23	Antiparasitic and anticancer constituents of the endophytic fungus <i>Aspergillus</i> sp. strain F1544. Natural Product Communications, 2012, 7, 165-8.	0.5	21
24	Extracellular Vesicles Could Carry an Evolutionary Footprint in Interkingdom Communication. Frontiers in Cellular and Infection Microbiology, 2020, 10, 76.	3.9	20
25	Extracellular vesicles carrying lactate dehydrogenase induce suicide in increased population density of <i>Plasmodium falciparum</i> in vitro. Scientific Reports, 2019, 9, 5042.	3.3	19
26	Antiparasitic and Anticancer Constituents of the Endophytic Fungus <i>Aspergillus</i> sp. strain F1544. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	18
27	Anti-malarial activity and HS-SPME-GC-MS chemical profiling of <i>Plinia cerrocampaensis</i> leaf essential oil. Malaria Journal, 2014, 13, 18.	2.3	17
28	Evaluation of antiparasitic, anticancer, antimicrobial and hypoglycemic properties of organic extracts from Panamanian mangrove plants. Asian Pacific Journal of Tropical Medicine, 2018, 11, 32.	0.8	17
29	Two casein kinase 1 isoforms are differentially expressed in <i>Trypanosoma cruzi</i> . Molecular and Biochemical Parasitology, 2002, 124, 23-36.	1.1	16
30	Screening and evaluation of antiparasitic and in vitro anticancer activities of Panamanian endophytic fungi. International Microbiology, 2011, 14, 95-102.	2.4	16
31	Marine cyanobacteria-derived serotonin receptor 2C active fraction induces psychoactive behavioral effects in mice. Pharmaceutical Biology, 2016, 54, 2723-2731.	2.9	13
32	Discovery, Semisynthesis, Antiparasitic and Cytotoxic Evaluation of 14-Membered Resorcylic Acid Lactones and Their Derivatives. Scientific Reports, 2017, 7, 11822.	3.3	13
33	Discovery and Synthesis of Caracolamide A, an Ion Channel Modulating Dichlorovinylidene Containing Phenethylamide from a Panamanian Marine Cyanobacterium cf. <i>Symploca</i> Species. Journal of Natural Products, 2017, 80, 2328-2334.	3.0	13
34	Comparison of the in vitro invasive capabilities of <i>Plasmodium falciparum</i> schizonts isolated by Percoll gradient or using magnetic based separation. Malaria Journal, 2011, 10, 96.	2.3	12
35	Semisynthesis, Antiplasmodial Activity, and Mechanism of Action Studies of Isocoumarin Derivatives. Journal of Natural Products, 2021, 84, 1434-1441.	3.0	12
36	Bufadienolides from the Skin Secretions of the Neotropical Toad <i>Rhinella alata</i> (Anura: Bufonidae): Antiprotozoal Activity against <i>Trypanosoma cruzi</i> . Molecules, 2021, 26, 4217.	3.8	11

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37	Chemical and bioactive natural products from Microthyriaceae sp., an endophytic fungus from a tropical grass. <i>Letters in Applied Microbiology</i> , 2014, 59, 58-64.	2.2	9
38	Medusamide A, a Panamanian Cyanobacterial Depsipeptide with Multiple β -Amino Acids. <i>Organic Letters</i> , 2016, 18, 352-355.	4.6	9
39	Pumilacidins from the Octocoral-Associated <i>Bacillus</i> sp. DT001 Display Anti-Proliferative Effects in <i>Plasmodium falciparum</i> . <i>Molecules</i> , 2018, 23, 2179.	3.8	7
40	Analysis of the antiparasitic and anticancer activity of the coconut palm (<i>Cocos nucifera</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 To	2.5	7
41	Separation of <i>Plasmodium falciparum</i> Late Stage-infected Erythrocytes by Magnetic Means. <i>Journal of Visualized Experiments</i> , 2013, , e50342.	0.3	4
42	Antiplasmodial activity of <i>Cocos nucifera</i> leaves in <i>Plasmodium berghei</i> -infected mice. <i>Journal of Parasitic Diseases</i> , 2020, 44, 305-313.	1.0	4
43	19-Hydroxy-bufalin, a major bufadienolide isolated from the parotoid gland secretions of the Panamanian endemic toad <i>Rhinella centralis</i> (Bufonidae), inhibits the growth of <i>Trypanosoma cruzi</i> . <i>Toxicon</i> , 2020, 177, 89-92.	1.6	4
44	Blood Stage <i>Plasmodium falciparum</i> Exhibits Biological Responses to Direct Current Electric Fields. <i>PLoS ONE</i> , 2016, 11, e0161207.	2.5	3
45	Antiparasitic Compounds from the Panamanian Marine Bacterium <i>Pseudomonas aeruginosa</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.5	2
46	Evaluation of malaria pathology development in a group of CB6F1 mice produced in the laboratory animal facilities of INDICASAT AIP. <i>MOJ Bioequivalence & Bioavailability</i> , 2018, 5, .	0.1	1
47	Thermo-Energetic Study in Blood Infected with <i>Plasmodium falciparum</i> radiated at 2.45GHz. , 2019, , .		0
48	Evaluation of the in vitro and in vivo antiplasmodial effect of water treated with Photonic Multiphase Modulators (PMM) designed with Advanced Physics System Engineering (APSE) and BioPhoton-X technology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 223, 112283.	3.8	0
49	Revisi3n de Modelos Hipere1sticos utilizados en Tejidos. <i>KnE Engineering</i> , 2018, 3, 100.	0.1	0
50	Access and benefit sharing under the Nagoya Protocol â€“ Quo Vadis?. <i>Planta Medica</i> , 2021, 87, .	1.3	0