

# 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	Structure modification, antialgal, antiplasmodial, and toxic evaluations of a series of new marine-derived 14-membered resorcylic acid lactone derivatives. <i>Marine Life Science and Technology</i> , 2022, 4, 88-97.	4.6	23
2	Semisynthesis, Antiplasmodial Activity, and Mechanism of Action Studies of Isocoumarin Derivatives. <i>Journal of Natural Products</i> , 2021, 84, 1434-1441.	3.0	12
3	Bufadienolides from the Skin Secretions of the Neotropical Toad <i>Rhinella alata</i> (Anura: Bufonidae): Antiprotozoal Activity against <i>Trypanosoma cruzi</i> . <i>Molecules</i> , 2021, 26, 4217.	3.8	11
4	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 <sup>®</sup> , <sup>®</sup> ) and BioPhoton-X <sup>®</sup> , <sup>®</sup> technology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 223, 112283.	3.8	0
5	Access and benefit sharing under the Nagoya Protocol – Quo Vadis?. <i>Planta Medica</i> , 2021, 87, .	1.3	0
6	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
7	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
8	Extracellular Vesicles Could Carry an Evolutionary Footprint in Interkingdom Communication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 76.	3.9	20
9	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
10	Extracellular vesicles carrying lactate dehydrogenase induce suicide in increased population density of <i>Plasmodium falciparum</i> in vitro. <i>Scientific Reports</i> , 2019, 9, 5042.	3.3	19
11	Antiparasitic Compounds from the Panamanian Marine Bacterium <i>Pseudomonas aeruginosa</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.5	2
12	Analysis of the antiparasitic and anticancer activity of the coconut palm ( <i>Cocos nucifera</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 302 To	2.5	7
13	Thermo-Energetic Study in Blood Infected with <i>Plasmodium falciparum</i> radiated at 2.45GHz. , 2019, , .		0
14	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
15	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
16	Evaluation of antiparasitic, anticancer, antimicrobial and hypoglycemic properties of organic extracts from Panamanian mangrove plants. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 32.	0.8	17
17	Revisi3n de Modelos Hiperel3sticos utilizados en Tejidos. <i>KnE Engineering</i> , 2018, 3, 100.	0.1	0
18	Evaluation of malaria pathology development in a group of CB6F1 mice produced in the laboratory animal facilities of INDICASAT AIP. <i>MOJ Bioequivalence &amp; Bioavailability</i> , 2018, 5, .	0.1	1

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19	Volatile organic compounds associated with <i>Plasmodium falciparum</i> infection in vitro. <i>Parasites and Vectors</i> , 2017, 10, 215.	2.5	28
20	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
21	Discovery, Semisynthesis, Antiparasitic and Cytotoxic Evaluation of 14-Membered Resorcylic Acid Lactones and Their Derivatives. <i>Scientific Reports</i> , 2017, 7, 11822.	3.3	13
22	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
23	Discovery and Synthesis of Caracolamide A, an Ion Channel Modulating Dichlorovinylidene Containing Phenethylamide from a Panamanian Marine Cyanobacterium cf. <i>Symploca</i> Species. <i>Journal of Natural Products</i> , 2017, 80, 2328-2334.	3.0	13
24	Blood Stage <i>Plasmodium falciparum</i> Exhibits Biological Responses to Direct Current Electric Fields. <i>PLoS ONE</i> , 2016, 11, e0161207.	2.5	3
25	Marine cyanobacteria-derived serotonin receptor 2C active fraction induces psychoactive behavioral effects in mice. <i>Pharmaceutical Biology</i> , 2016, 54, 2723-2731.	2.9	13
26	Medusamide A, a Panamanian Cyanobacterial Depsipeptide with Multiple $\beta$ -Amino Acids. <i>Organic Letters</i> , 2016, 18, 352-355.	4.6	9
27	Phytochemical composition, antiparasitic and $\alpha$ -glucosidase inhibition activities from <i>Pelliciera rhizophorae</i> . <i>Chemistry Central Journal</i> , 2015, 9, 53.	2.6	22
28	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
29	Malarial hemozoin: From target to tool. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2032-2041.	2.4	179
30	Anti-malarial activity and HS-SPME-GC-MS chemical profiling of <i>Plinia cerrocampaensis</i> leaf essential oil. <i>Malaria Journal</i> , 2014, 13, 18.	2.3	17
31	Chemical and bioactive natural products from <i>Microthyriaceae</i> sp., an endophytic fungus from a tropical grass. <i>Letters in Applied Microbiology</i> , 2014, 59, 58-64.	2.2	9
32	Sloth Hair as a Novel Source of Fungi with Potent Anti-Parasitic, Anti-Cancer and Anti-Bacterial Bioactivity. <i>PLoS ONE</i> , 2014, 9, e84549.	2.5	24
33	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
34	Separation of <i>Plasmodium falciparum</i> Late Stage-infected Erythrocytes by Magnetic Means. <i>Journal of Visualized Experiments</i> , 2013, , e50342.	0.3	4
35	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
36	Antitrypanosomal Alkaloids from the Marine Bacterium <i>Bacillus pumilus</i> . <i>Molecules</i> , 2012, 17, 11146-11155.	3.8	48

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37	Credneramides A and B: Neuromodulatory Phenethylamine and Isopentylamine Derivatives of a Vinyl Chloride-Containing Fatty Acid from cf. <i>Trichodesmium</i> sp. nov.. Journal of Natural Products, 2012, 75, 60-66.	3.0	25
38	Coibacins A-D, Antileishmanial Marine Cyanobacterial Polyketides with Intriguing Biosynthetic Origins. Organic Letters, 2012, 14, 3878-3881.	4.6	56
39	Antiparasitic and Anticancer Constituents of the Endophytic Fungus <i>Aspergillus</i> sp. strain F1544. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	18
40	Coibanoles, a new class of meroterpenoids produced by <i>Pycnoporus sanguineus</i> . Tetrahedron Letters, 2012, 53, 919-922.	1.4	23
41	Antiparasitic and anticancer constituents of the endophytic fungus <i>Aspergillus</i> sp. strain F1544. Natural Product Communications, 2012, 7, 165-8.	0.5	21
42	Cytotoxic Veraguamides, Alkynyl Bromide-Containing Cyclic Depsipeptides from the Marine Cyanobacterium cf. <i>Oscillatoria margaritifera</i> . Journal of Natural Products, 2011, 74, 928-936.	3.0	95
43	Chemical Constituents of the New Endophytic Fungus <i>Mycosphaerella</i> sp. nov. and Their Anti-parasitic Activity. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	26
44	<i>Plasmodium falciparum</i> field isolates use complement receptor 1 (CR1) as a receptor for invasion of erythrocytes. Molecular and Biochemical Parasitology, 2011, 177, 57-60.	1.1	28
45	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
46	Screening and evaluation of antiparasitic and in vitro anticancer activities of Panamanian endophytic fungi. International Microbiology, 2011, 14, 95-102.	2.4	16
47	Chemical constituents of the new endophytic fungus <i>Mycosphaerella</i> sp. nov. and their anti-parasitic activity. Natural Product Communications, 2011, 6, 835-40.	0.5	32
48	In vitro and in vivo experimental models for drug screening and development for Chagas disease. Memorias Do Instituto Oswaldo Cruz, 2010, 105, 233-238.	1.6	278
49	Complement Receptor 1 Is a Sialic Acid-Independent Erythrocyte Receptor of <i>Plasmodium falciparum</i> . PLoS Pathogens, 2010, 6, e1000968.	4.7	86
50	Two casein kinase 1 isoforms are differentially expressed in <i>Trypanosoma cruzi</i> . Molecular and Biochemical Parasitology, 2002, 124, 23-36.	1.1	16