

MarÃ-a Reyes-Battle

List of Publications by Year in descending order

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104
papers

1,374
citations

331670

21
h-index

526287

27
g-index

105
all docs

105
docs citations

105
times ranked

1204
citing authors

#	ARTICLE	IF	CITATIONS
1	Statins and Voriconazole Induce Programmed Cell Death in <i>Acanthamoeba castellanii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2817-2824.	3.2	50
2	Isolation and characterization of <i>Acanthamoeba</i> strains from soil samples in Gran Canaria, Canary Islands, Spain. <i>Parasitology Research</i> , 2014, 113, 1383-1388.	1.6	44
3	Voriconazole as a first-line treatment against potentially pathogenic <i>Acanthamoeba</i> strains from Peru. <i>Parasitology Research</i> , 2014, 113, 755-759.	1.6	37
4	Presence of potentially pathogenic free-living amoebae strains from well water samples in Guinea-Bissau. <i>Pathogens and Global Health</i> , 2014, 108, 206-211.	2.3	34
5	In vitro effects of triterpenic acids from olive leaf extracts on the mitochondrial membrane potential of promastigote stage of <i>Leishmania</i> spp. <i>Phytomedicine</i> , 2014, 21, 1689-1694.	5.3	33
6	Leishmanicidal activity of α -bisabolol from Tunisian chamomile essential oil. <i>Parasitology Research</i> , 2018, 117, 2855-2867.	1.6	32
7	Morphological Features and <i>In Vitro</i> Cytopathic Effect of <i>Acanthamoeba griffini</i> Trophozoites Isolated from a Clinical Case. <i>Journal of Parasitology Research</i> , 2014, 2014, 1-10.	1.2	31
8	Activity of olive leaf extracts against the promastigote stage of <i>Leishmania</i> species and their correlation with the antioxidant activity. <i>Experimental Parasitology</i> , 2014, 141, 106-111.	1.2	31
9	Amoebicidal activity of α -bisabolol, the main sesquiterpene in chamomile (<i>Matricaria recutita</i> L.) essential oil against the trophozoite stage of <i>Acanthamoeba castellanii</i> Neff. <i>Acta Parasitologica</i> , 2017, 62, 290-295.	1.1	30
10	Programmed cell death in <i>Acanthamoeba castellanii</i> Neff induced by several molecules present in olive leaf extracts. <i>PLoS ONE</i> , 2017, 12, e0183795.	2.5	29
11	The isolation of <i>Balamuthia mandrillaris</i> from environmental sources from Peru. <i>Parasitology Research</i> , 2014, 113, 2509-2513.	1.6	28
12	Staurosporine from <i>Streptomyces sanyensis</i> activates Programmed Cell Death in <i>Acanthamoeba</i> via the mitochondrial pathway and presents low in vitro cytotoxicity levels in a macrophage cell line. <i>Scientific Reports</i> , 2019, 9, 11651.	3.3	27
13	Genotyping of potentially pathogenic <i>Acanthamoeba</i> strains isolated from nasal swabs of healthy individuals in Peru. <i>Acta Tropica</i> , 2014, 130, 7-10.	2.0	26
14	Isolation and molecular characterization of <i>Acanthamoeba</i> genotypes in recreational and domestic water sources from Jamaica, West Indies. <i>Journal of Water and Health</i> , 2015, 13, 909-919.	2.6	25
15	Anti- <i>Acanthamoeba</i> Activity of Brominated Sesquiterpenes from <i>Laurencia johnstonii</i> . <i>Marine Drugs</i> , 2018, 16, 443.	4.6	25
16	Detection of <i>Acanthamoeba</i> on the ocular surface in a Spanish population using the Schirmer strip test: pathogenic potential, molecular classification and evaluation of the sensitivity to chlorhexidine and voriconazole of the isolated <i>Acanthamoeba</i> strains. <i>Journal of Medical Microbiology</i> , 2015, 64, 849-853.	1.8	25
17	Isolation and Genotyping of <i>Acanthamoeba</i> Strains from Soil Sources from Jamaica, West Indies. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 416-421.	1.7	24
18	Evaluation of Oxasqualenoids from the Red Alga <i>Laurencia viridis</i> against <i>Acanthamoeba</i> . <i>Marine Drugs</i> , 2019, 17, 420.	4.6	24

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19	Silver Nanoparticles as a Novel Potential Preventive Agent against Acanthamoeba Keratitis. <i>Pathogens</i> , 2020, 9, 350.	2.8	23
20	Bioassay guided isolation and identification of anti-Acanthamoeba compounds from Tunisian olive leaf extracts. <i>Experimental Parasitology</i> , 2014, 145, S111-S114.	1.2	22
21	Perifosine Mechanisms of Action in Leishmania Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	21
22	Toxic effects of selected proprietary dry eye drops on Acanthamoeba. <i>Scientific Reports</i> , 2018, 8, 8520.	3.3	21
23	In Vitro Activity of Statins against Naegleria fowleri. <i>Pathogens</i> , 2019, 8, 122.	2.8	21
24	Isolation and molecular characterization of Acanthamoeba and Balamuthia mandrillaris from combination shower units in Costa Rica. <i>Parasitology Research</i> , 2014, 113, 4117-4122.	1.6	20
25	Sesquiterpenoids and flavonoids from Inula viscosa induce programmed cell death in kinetoplastids. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110518.	5.6	20
26	Isolation of Naegleria spp. from a Brazilian Water Source. <i>Pathogens</i> , 2020, 9, 90.	2.8	20
27	Endosymbiotic Mycobacterium chelonae in a Vermamoeba vermiformis strain isolated from the nasal mucosa of an HIV patient in Lima, Peru. <i>Experimental Parasitology</i> , 2014, 145, S127-S130.	1.2	19
28	In Vitro amoebicidal and antioxidant activities of some Tunisian seaweeds. <i>Experimental Parasitology</i> , 2017, 183, 76-80.	1.2	18
29	Ursolic Acid Derivatives as Potential Agents Against Acanthamoeba Spp.. <i>Pathogens</i> , 2019, 8, 130.	2.8	18
30	In Vitro Activities of Hexaazatrinaphthylenes against Leishmania spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2867-2874.	3.2	16
31	Fatal Meningoencephalitis in Child and Isolation of Naegleria fowleri from Hot Springs in Costa Rica. <i>Emerging Infectious Diseases</i> , 2015, 21, 382-384.	4.3	16
32	Amoebicidal Activity of Caffeine and Maslinic Acid by the Induction of Programmed Cell Death in Acanthamoeba. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	16
33	Acanthamoeba genotypes T2, T4, and T11 in soil sources from El Hierro island, Canary Islands, Spain. <i>Parasitology Research</i> , 2016, 115, 2953-2956.	1.6	15
34	Evaluation of the anti- Acanthamoeba activity of two commercial eye drops commonly used to lower eye pressure. <i>Experimental Parasitology</i> , 2017, 183, 117-123.	1.2	15
35	Laurinterol from Laurencia johnstonii eliminates Naegleria fowleri triggering PCD by inhibition of ATPases. <i>Scientific Reports</i> , 2020, 10, 17731.	3.3	15
36	Selective activity of Oleanolic and Maslinic Acids on the Amastigote form of Spp. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1190-1193.	0.5	15

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37	Molecular characterization of <i>Acanthamoeba</i> strains isolated from domestic dogs in Tenerife, Canary Islands, Spain. <i>Archives of Microbiology</i> , 2015, 197, 639-643.	2.2	14
38	Withanolides from <i>Withania aristata</i> as Antikinetoplastid Agents through Induction of Programmed Cell Death. <i>Pathogens</i> , 2019, 8, 172.	2.8	14
39	Screening of the pathogen box for the identification of anti- <i>Acanthamoeba</i> agents. <i>Experimental Parasitology</i> , 2019, 201, 90-92.	1.2	14
40	<i>Acanthamoeba culbertsoni</i> isolated from a clinical case with intraocular dissemination: Structure and <i>in vitro</i> analysis of the interaction with hamster cornea and MDCK epithelial cell monolayers. <i>Experimental Parasitology</i> , 2017, 183, 245-253.	1.2	13
41	Amoebicidal, antimicrobial and <i>in vitro</i> ROS scavenging activities of Tunisian <i>Rubus ulmifolius</i> Schott, methanolic extract. <i>Experimental Parasitology</i> , 2017, 183, 224-230.	1.2	13
42	Anti- <i>Acanthamoeba</i> activity of Tunisian <i>Thymus capitatus</i> essential oil and organic extracts. <i>Experimental Parasitology</i> , 2017, 183, 231-235.	1.2	13
43	<i>In vitro</i> activity of 1H-phenalen-1-one derivatives against <i>Leishmania</i> spp. and evidence of programmed cell death. <i>Parasites and Vectors</i> , 2019, 12, 601.	2.5	13
44	Fluvastatin and atorvastatin induce programmed cell death in the brain eating amoeba <i>Naegleria fowleri</i> . <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110583.	5.6	13
45	Evaluation of Indolocarbazoles from <i>Streptomyces sanyensis</i> as a Novel Source of Therapeutic Agents against the Brain-Eating Amoeba <i>Naegleria fowleri</i> . <i>Microorganisms</i> , 2020, 8, 789.	3.6	13
46	A multisystemic <i>Acanthamoeba</i> infection in a dog in Tenerife, Canary Islands, Spain. <i>Veterinary Parasitology</i> , 2014, 205, 707-711.	1.8	12
47	PrestoBlue® and AlamarBlue® are equally useful as agents to determine the viability of <i>Acanthamoeba</i> trophozoites. <i>Experimental Parasitology</i> , 2014, 145, S69-S72.	1.2	12
48	Assessment of the antiprotozoal activity of <i>Pulicaria inuloides</i> extracts, an Algerian medicinal plant: leishmanicidal bioguided fractionation. <i>Parasitology Research</i> , 2018, 117, 531-537.	1.6	12
49	Free living amoebae isolation in irrigation waters and soils of an insular arid agroecosystem. <i>Science of the Total Environment</i> , 2021, 753, 141833.	8.0	12
50	Isolation and molecular characterization of a <i>Naegleria</i> strain from a recreational water fountain in Tenerife, Canary Islands, Spain. <i>Acta Parasitologica</i> , 2017, 62, 265-268.	1.1	11
51	Antiamoebic Activities of Indolocarbazole Metabolites Isolated from <i>Streptomyces sanyensis</i> Cultures. <i>Marine Drugs</i> , 2019, 17, 588.	4.6	11
52	Isolation and molecular identification of free-living amoebae from dishcloths in Tenerife, Canary Islands, Spain. <i>Parasitology Research</i> , 2019, 118, 927-933.	1.6	11
53	Exploring the Anti-Infective Value of Inuloxin A Isolated from <i>Inula viscosa</i> against the Brain-Eating Amoeba (<i>Naegleria fowleri</i>) by Activation of Programmed Cell Death. <i>ACS Chemical Neuroscience</i> , 2021, 12, 195-202.	3.5	11
54	Antiamoebic effects of sesquiterpene lactones isolated from the zoanthid <i>Palythoa</i> aff. <i>clavata</i> . <i>Bioorganic Chemistry</i> , 2021, 108, 104682.	4.1	11

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55	Evaluation of Acanthamoeba Myosin-IC as a Potential Therapeutic Target. Antimicrobial Agents and Chemotherapy, 2014, 58, 2150-2155.	3.2	10
56	Correlation of radical-scavenging capacity and amoebicidal activity of Matricaria recutita L. (Asteraceae). Experimental Parasitology, 2017, 183, 212-217.	1.2	10
57	Chemical composition and anti- Acanthamoeba activity of Melaleuca styphelioides essential oil. Experimental Parasitology, 2017, 183, 104-108.	1.2	10
58	Evaluation of the sensitivity to chlorhexidine, voriconazole and itraconazole of T4 genotype Acanthamoeba isolated from Mexico. Experimental Parasitology, 2019, 197, 29-35.	1.2	10
59	<i>Balamuthia mandrillaris</i> therapeutic mud bath in Jamaica. Epidemiology and Infection, 2015, 143, 2245-2248.	2.1	9
60	Isolation and Molecular Identification of Vermamoeba vermiformis Strains from Soil Sources in El Hierro Island, Canary Islands, Spain. Current Microbiology, 2016, 73, 104-107.	2.2	9
61	Identification of N-acyl quinolin-2(1H)-ones as new selective agents against clinical isolates of Acanthamoeba keratitis. Bioorganic Chemistry, 2020, 99, 103791.	4.1	9
62	Silver Nanoparticles Conjugated with Contact Lens Solutions May Reduce the Risk of Acanthamoeba Keratitis. Pathogens, 2021, 10, 583.	2.8	9
63	Isolation and Molecular Characterization of <i>Acanthamoeba</i> Strains from Dental Units in Costa Rica. Journal of Eukaryotic Microbiology, 2015, 62, 733-736.	1.7	8
64	Isolation of thermotolerant Vermamoeba vermiformis strains from water sources in Lanzarote Island, Canary Islands, Spain. Acta Parasitologica, 2016, 61, 650-3.	1.1	8
65	Genotyping of clinical isolates of Acanthamoeba genus in Venezuela. Acta Parasitologica, 2016, 61, 796-801.	1.1	8
66	Variation in Campylobacter jejuni culturability in presence of Acanthamoeba castellanii Neff. Experimental Parasitology, 2017, 183, 178-181.	1.2	8
67	Antioxidant and Leishmanicidal Evaluation of Pulicaria Inuloides Root Extracts: A Bioguided Fractionation. Pathogens, 2019, 8, 201.	2.8	8
68	In vitro activity of 1 H -phenalen-1-one derivatives against Acanthamoeba castellanii Neff and their mechanisms of cell death. Experimental Parasitology, 2017, 183, 218-223.	1.2	7
69	Isolation and Molecular Identification of Naegleria australiensis in Irrigation Water of Fuerteventura Island, Spain. Acta Parasitologica, 2019, 64, 331-335.	1.1	7
70	New phenalenone analogues with improved activity against Leishmania species. Biomedicine and Pharmacotherapy, 2020, 132, 110814.	5.6	7
71	Free-Living Amoebae in Soil Samples from Santiago Island, Cape Verde. Microorganisms, 2021, 9, 1460.	3.6	7
72	Optimized combinations of statins and azoles against Acanthamoeba trophozoites and cysts in vitro. Asian Pacific Journal of Tropical Medicine, 2019, 12, 283.	0.8	7

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73	Statins Induce Actin Cytoskeleton Disassembly and an Apoptosis-Like Process in <i>Acanthamoeba</i> spp.. <i>Antibiotics</i> , 2022, 11, 280.	3.7	7
74	In vitro interactions of <i>Acanthamoeba castellanii</i> Neff and <i>Vibrio harveyi</i> . <i>Experimental Parasitology</i> , 2017, 183, 167-170.	1.2	6
75	Presence of <i>Acanthamoeba</i> in the ocular surface in a Spanish population of contact lens wearers. <i>Acta Parasitologica</i> , 2018, 63, 393-396.	1.1	6
76	<i>Acanthamoeba</i> keratitis in Mexico: Report of a clinical case and importance of sensitivity assays for a better outcome. <i>Experimental Parasitology</i> , 2019, 196, 22-27.	1.2	6
77	The type 2 statins, cerivastatin, rosuvastatin and pitavastatin eliminate <i>Naegleria fowleri</i> at low concentrations and by induction of programmed cell death (PCD). <i>Bioorganic Chemistry</i> , 2021, 110, 104784.	4.1	6
78	A history of over 40 years of potentially pathogenic free-living amoeba studies in Brazil - a systematic review. <i>Memorias Do Instituto Oswaldo Cruz</i> , 0, 117, .	1.6	6
79	High occurrence of <i>Acanthamoeba</i> genotype T4 in soil sources from Bolívar State, Venezuela. <i>Acta Parasitologica</i> , 2016, 61, 466-70.	1.1	5
80	Treatment of intraocular spread of <i>acanthamoeba</i> after tectonic corneal graft in <i>acanthamoeba</i> keratitis. <i>Eye</i> , 2018, 32, 1286-1287.	2.1	5
81	In vitro evaluation of commercial foam Belcils® on <i>Acanthamoeba</i> spp. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 136-143.	3.4	5
82	Combined Amoebicidal Effect of Atorvastatin and Commercial Eye Drops against <i>Acanthamoeba castellanii</i> Neff: In Vitro Assay Based on Mixture Design. <i>Pathogens</i> , 2020, 9, 219.	2.8	5
83	Bio-guided isolation of leishmanicidal and trypanocidal constituents from <i>Pituranthos battandieri</i> aerial parts. <i>Parasitology International</i> , 2021, 82, 102300.	1.3	5
84	High oxygen concentrations inhibit <i>Acanthamoeba</i> spp.. <i>Parasitology Research</i> , 2021, 120, 3001-3005.	1.6	5
85	Discovery of New Chemical Tools against <i>Leishmania amazonensis</i> via the MMV Pathogen Box. <i>Pharmaceuticals</i> , 2021, 14, 1219.	3.8	5
86	New Insights in <i>Acanthamoeba</i> . <i>Pathogens</i> , 2022, 11, 609.	2.8	5
87	Development of an indirect immunofluorescence technique for the evaluation of generated antibody titers against <i>Erysipelothrix rhusiopathiae</i> in captive bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Archives of Microbiology</i> , 2014, 196, 785-790.	2.2	4
88	In Vitro Evaluation of Combined Commercialized Ophthalmic Solutions Against <i>Acanthamoeba</i> Strains. <i>Pathogens</i> , 2019, 8, 109.	2.8	4
89	Evaluation of the occurrence of pathogenic free-living amoeba and bacteria in 20 public indoor swimming pool facilities. <i>MicrobiologyOpen</i> , 2021, 10, e1159.	3.0	4
90	Antiamoeboid activity of squamins C ₆ F, cyclooctapeptides from <i>Annona globifora</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 67-79.	3.4	4

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91	Pathogenic free-living amoebae from water sources in Cape Verde. <i>Parasitology Research</i> , 2022, 121, 2399-2404.	1.6	4
92	In vitro amoebicidal effects of arabinogalactan-based ophthalmic solution. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 16, 9-16.	3.4	3
93	Vannellid Species Isolated from Freshwater Source in a Park in Jamaica, West Indies. <i>Microbiology Insights</i> , 2015, 8s1, MBI.S30537.	2.0	2
94	Therapeutic targets and investigated treatment strategies in <i>Acanthamoeba</i> keratitis. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 1069-1073.	0.8	2
95	Photodynamic treatment induced membrane cell damage in <i>Acanthamoeba castellanii</i> Neff. <i>Dyes and Pigments</i> , 2020, 180, 108481.	3.7	2
96	Discovery of Amoebicidal Compounds by Combining Computational and Experimental Approaches. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	2
97	Isobenzofuran-1(3H)-one derivatives: Amoebicidal activity and program cell death in <i>Acanthamoeba castellanii</i> Neff. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113062.	5.6	2
98	Evaluation of Two Commercially Available Immunological Kits for the Diagnosis of <i>Helicobacter</i> spp. in Bottlenose Dolphins (<i>Tursiops truncatus</i>). <i>Current Microbiology</i> , 2015, 70, 685-689.	2.2	1
99	Structure elucidation, total assignment of the ¹ H and ¹³ C chemical shifts, and absolute configuration by NMR techniques of dammarane-type triterpenes from <i>Hippocratea volubilis</i> . <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 46-54.	1.9	1
100	In vitro validation of the amoebicidal activity of commercial eye drops as second activity. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 15, 144-151.	3.4	1
101	Naphthyridine Derivatives Induce Programmed Cell Death in <i>Naegleria fowleri</i> . <i>Pharmaceuticals</i> , 2021, 14, 1013.	3.8	1
102	Apoptotic protein profile in <i>Leishmania donovani</i> after treatment with hexazatrinenaphthylenes derivatives. <i>Experimental Parasitology</i> , 2016, 166, 83-88.	1.2	0
103	Gene silencing and therapeutic targets against <i>Acanthamoeba</i> infections. , 2018, , .		0
104	Influence of Winter Storms on the Sea Urchin Pathogen Assemblages. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	0