Liliana Aguilar Marcelino

List of Publications by Year
in descending order

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61 papers	534 citations	759233 12 h-index	752698 20 g-index
64 all docs	64 docs citations	64 times ranked	395 citing authors

#	Article	IF	Citations
1	Micro (nano) plastics in wastewater: A critical review on toxicity risk assessment, behaviour, environmental impact and challenges. Chemosphere, 2022, 290, 133169.	8.2	43
2	Plasmodium berghei ookinetes induce nitric oxide production in Anopheles pseudopunctipennis midguts cultured in vitro. Insect Biochemistry and Molecular Biology, 2004, 34, 893-901.	2.7	41
3	The Edible MushroomPleurotus djamorProduces Metabolites with Lethal Activity Against the Parasitic NematodeHaemonchus contortus. Journal of Medicinal Food, 2017, 20, 1184-1192.	1.5	31
4	The nematophagous fungus Duddingtonia flagrans reduces the gastrointestinal parasitic nematode larvae population in faeces of orally treated calves maintained under tropical conditionsâ€"Dose/response assessment. Veterinary Parasitology, 2018, 263, 66-72.	1.8	31
5	Consumption of nutritional pellets with Duddingtonia flagrans fungal chlamydospores reduces infective nematode larvae of Haemonchus contortus in faeces of Saint Croix lambs. Journal of Helminthology, 2017, 91, 665-671.	1.0	26
6	Galloyl derivatives from Caesalpinia coriaria exhibit in vitro ovicidal activity against cattle gastrointestinal parasitic nematodes. Experimental Parasitology, 2019, 200, 16-23.	1.2	25
7	In Vitro Lethal Activity of the Nematophagous Fungus Clonostachys rosea (Ascomycota:) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	24
8	Phenotypic and genotypic characterisation of Haemonchus spp. and other gastrointestinal nematodes resistant to benzimidazole in infected calves from the tropical regions of Campeche State, Mexico. Veterinary Parasitology, 2014, 205, 246-254.	1.8	19
9	Morphological and molecular characterization, predatory behaviour and effect of organic extracts of four nematophagous fungi from Mexico. Fungal Ecology, 2021, 49, 101004.	1.6	18
10	Evaluation of predation of the mite Lasioseius penicilliger (Aracnida: Mesostigmata) on Haemonchus contortus and bacteria-feeding nematodes. Journal of Helminthology, 2014, 88, 20-23.	1.0	17
11	Lysiloma acapulcensis leaves contain anthelmintic metabolites that reduce the gastrointestinal nematode egg population in sheep faeces. Comparative Clinical Pathology, 2018, 27, 189-197.	0.7	15
12	The Possible Biotechnological Use of Edible Mushroom Bioproducts for Controlling Plant and Animal Parasitic Nematodes. BioMed Research International, 2020, 2020, 1-12.	1.9	14
13	Serratia sp., an endophyte of Mimosa pudica nodules with nematicidal, antifungal activity and growth-promoting characteristics. Archives of Microbiology, 2021, 203, 549-559.	2.2	13
14	Biological control of sheep nematode Haemonchus contortus using edible mushrooms. Biological Control, 2021, 152, 104420.	3.0	13
15	Prevalence of Ascaris lumbricoides in contaminated faecal samples of children residing in urban areas of Lahore, Pakistan. Scientific Reports, 2020, 10, 21815.	3.3	12
16	Using molecular techniques applied to beneficial microorganisms as biotechnological tools for controlling agricultural plant pathogens and pest. , 2020, , 333-349.		12
17	Strategy of Nematophagous Fungi in Determining the Activity of Plant Parasitic Nematodes and Their Prospective Role in Sustainable Agriculture. Frontiers in Fungal Biology, 2022, 3, .	2.0	12
18	Influence of the physiological stage of Blackbelly sheep on immunological behaviour against gastrointestinal nematodes. Experimental Parasitology, 2018, 193, 20-26.	1.2	11

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19	In vitro predatory activity of nematophagous fungi isolated from water buffalo feces and from soil in the Mexican southeastern. Brazilian Journal of Veterinary Parasitology, 2019, 28, 314-319.	0.7	11
20	In vitro nematocidal activity of commercial fatty acids and Î²-sitosterol against Haemonchus contortus. Journal of Helminthology, 2020, 94, e135.	1.0	10
21	Chemical Composition of an Anthelmintic Fraction ofPleurotus eryngiiagainst Eggs and Infective Larvae (L3) ofHaemonchus contortus. BioMed Research International, 2020, 2020, 1-8.	1.9	8
22	Biological Control Agents and Their Importance for the Plant Health. , 2020, , 13-36.		8
23	Rhizosphere Biology: A Key to Agricultural Sustainability. Environmental and Microbial Biotechnology, 2021, , 161-182.	0.7	8
24	In Vitro Insecticidal Effect of Commercial Fatty Acids, Î²-Sitosterol, and Rutin against the Sugarcane Aphid, Melanaphis sacchari Zehntner (Hemiptera: Aphididae). Journal of Food Protection, 2022, 85, 671-675.	1.7	8
25	Deciphering chemical profiling, pharmacological responses and potential bioactive constituents of Saussurea lappa Decne. Extracts through in vitro approaches. Saudi Journal of Biological Sciences, 2022, 29, 1355-1366.	3.8	8
26	Fungal Antagonism Assessment of Predatory Species and Producers Metabolites and Their Effectiveness onHaemonchus contortusInfective Larvae. BioMed Research International, 2015, 2015, 1-6.	1.9	7
27	In Vitro and In Vivo Nematicide Effect of Extract Fractions of Pleurotus djamor Against Haemonchus contortus. Journal of Medicinal Food, 2021, 24, 310-318.	1.5	7
28	Immune and haematological parameters of Blackbelly ewes infected with gastrointestinal nematodes. Revista Colombiana De Ciencias Pecuarias, 2017, 30, 219-230.	0.4	7
29	Butlerius butleri (Nematoda: Diplogasteridae) Feeds on Haemonchus contortus (Nematoda:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Laboratory Conditions: Preliminary Report. Acta Parasitologica, 2020, 65, 865-873.	1.1	6
30	In vitro larvicidal and in vivo anthelmintic effects of Oxalis tetraphylla (Oxalidaceae) hydroalcoholic extract against Haemonchus contortus in lambs. Journal of Helminthology, 2018, 92, 309-316.	1.0	5
31	The role of microbial signals in plant growth and development: Current status and future prospects. , 2020, , 225-242.		5
32	Prevalence of gastrointestinal parasite in small ruminants of District Dir Upper Khyber Pakhtunkhwa Province of Pakistan. Brazilian Journal of Biology, 2021, 83, e248978.	0.9	5
33	Phylogenetic Analysis of Nucleotide Sequences from the ITS Region and Biological Characterization of Nematophagous Fungi from Morelos, Mexico. Journal of Mycology, 2016, 2016, 1-13.	0.5	4
34	Microbial technologies to enhance crop production for future needs. , 2020, , 29-47.		4
35	Role of Useful Fungi in Agriculture Sustainability. Fungal Biology, 2021, , 1-44.	0.6	4
36	Edible mushrooms of the genus Pleurotus as biocontrol agents of parasites of importance for livestock. Scientia Fungorum, 0, 52, e1375.	0.3	4

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37	Nematicidal activity of leaf extract of Moringa oleifera Lam. against Haemonchus contortus and Nacobbus aberrans. Journal of Helminthology, 2022, 96, e13.	1.0	4
38	Effect of an Arthrobotrys musiformis (Fungi: Orbiliales) culture filtrate on the population of gastrointestinal parasitic nematode eggs in faeces of grazing lambs. Veterinary Parasitology: Regional Studies and Reports, 2021, 24, 100565.	0.5	3
39	Essential oil of Peumus boldus Molina against the nematode Haemonchus contortus (L3) and three stored cereal insect pests. Chilean Journal of Agricultural Research, 2021, 81, 390-397.	1.1	3
40	Taxonomic and biological characterization and predatory activity of four nematophagous fungi isolates of Arthrobotrys species from Tapachula, Chiapas, Mexico. Archives of Agronomy and Soil Science, 2023, 69, 327-343.	2.6	3
41	A Review of the Impact of Climate Change on the Epidemiology of Gastrointestinal Nematode Infections in Small Ruminants and Wildlife in Tropical Conditions. Pathogens, 2022, 11, 148.	2.8	3
42	Nematicidal Activity of the Endophyte Serratia ureilytica against Nacobbus aberrans in Chili Plants (Capsicum annuum L.) and Identification of Genes Related to Biological Control. Plants, 2021, 10, 2655.	3.5	3
43	Reappearance ofMecistocirrus digitatusin Cattle from the Mexican Tropics: Prevalence, Molecular, and Scanning Electron Microscopy Identification. Journal of Parasitology, 2014, 100, 296-301.	0.7	2
44	In vitro activity of Lasioseius penicilliger (Arachnida: Mesostigmata) against three nematode species: Teladorsagia circumcincta, Meloidogyne sp. and Caenorhabditis elegans. Veterinaria MÃ©xico OA, 2015, 2, .	0.2	2
45	Fe-Chelating Compounds Producing Fungal Communities and Their Applications. Fungal Biology, 2021, , 135-157.	0.6	2
46	Nematicidal activity of a hydroalcoholic extract of the edible mushroom Neolentinus ponderosus on L3 larvae of Haemonchus contortus. Acta Parasitologica, 2021, 66, 969-976.	1.1	2
47	Nematocidal activity of hydroalcoholic extracts of spent substrate of Pleurotus djamor on L3 larvae of Haemonchus contortus. Veterinary Parasitology, 2021, 300, 109608.	1.8	2
48	Cell death induction by mycelium extracts from Pleurotus spp. on cervical cancer cell lines. Natural Product Research, 2022, 36, 6091-6095.	1.8	2
49	In vitro nematicidal activity of two ferrocenyl chalcones against larvae of Haemonchus contortus (L₃) and Nacobbus aberrans (J₂). Journal of Helminthology, 2020, 94, e190.	1.0	1
50	Formation, Resistance, and Pathogenicity of Fungal Biofilms: Current Trends and Future Challenges. Fungal Biology, 2021, , 411-438.	0.6	1
51	Edible coatings for strawberry based on extracellular compounds of Humphreya coffeata. BioResources, 2021, 16, 5556-5573.	1.0	1
52	Nematicidal Effect of Shiitake (Lentinula edodes) Extracts Against Haemonchus contortus. Journal of Medicinal Food, 2021, 24, 953-959.	1.5	1
53	In vitro and micro-plot predatory activity of the mite Caloglyphus mycophagus against populations of nematode larvae of agricultural importance. Biological Control, 2022, 165, 104813.	3.0	1
54	In vitro anthelmintic activity of extracts from coffee pulp waste, maize comb waste and Digitaria eriantha S. hay alone or mixed, against Haemonchus contortus. Waste and Biomass Valorization, 0, , 1.	3.4	1

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55	EFICACIA IN VITRO DE EXTRACTOS DEL HONGO COMESTIBLE PLEUROTUS OSTREATUS KUMM PARA EL CONTROL DE SITOPHILUS ZEAMAIS MOTSCHULSKY. Chilean Journal of Agricultural and Animal Sciences, 2019, , 0-0.	0.2	0
56	ACTIVIDAD INSECTICIDA DEL ACEITE ESENCIAL DEL PAICO Chenopodium ambrosioides L. SOBRE Sitophilus zeamais Motschulsky. Chilean Journal of Agricultural and Animal Sciences, 2019, , 0-0.	0.2	0
57	Trigona fuscipennis and Trigona fulviventris (Hymenoptera: Apidae) Damage Garcinia mangostana L. in Southern Chiapas, Mexico. Journal of Entomological Science, 2020, 55, 430-432.	0.3	0
58	Anthelmintic Properties of Cinnamon for the Control of Agricultural and Public Health Pests. Science of Spices & Herbs, 2020, , 1-32.	0.2	0
59	The effects of Pyrantel-Oxantel on the Dipylidium caninum tapeworm: An in vitro study. Revista Mexicana De Ciencias Pecuarias, 2021, 12, 969-986.	0.4	0
60	Efecto de la variaciÃ³n del sustrato en la productividad de dos cepas de Pleurotus spp.. Scientia Fungorum, 0, 52, e1377.	0.3	0
61	Actividad depredadora in vitro de Lasioseius penicilliger (Arachnida: Mesostigmata) contra tres especies de nemÃ¡todos: Teladorsagia circumcincta, Meloidogyne sp. y Caenorhabditis elegans. Veterinaria Mexico, 2015, 2, .	0.0	0