

Marco Lalle

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,416
citations

257101

24
h-index

205818

48
g-index

56
all docs

56
docs citations

56
times ranked

2357
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic heterogeneity at the β -giardin locus among human and animal isolates of <i>Giardia duodenalis</i> and identification of potentially zoonotic subgenotypes. <i>International Journal for Parasitology</i> , 2005, 35, 207-213.	1.3	467
2	Multilocus genotyping of <i>Giardia duodenalis</i> reveals striking differences between assemblages A and B. <i>International Journal for Parasitology</i> , 2008, 38, 1523-1531.	1.3	299
3	Molecular characterization of human isolates of <i>Giardia duodenalis</i> from Ethiopia. <i>Acta Tropica</i> , 2007, 102, 92-99.	0.9	180
4	Host specificity in the <i>Giardia duodenalis</i> species complex. <i>Infection, Genetics and Evolution</i> , 2018, 66, 335-345.	1.0	150
5	Genotyping of <i>Giardia duodenalis</i> From Humans and Dogs From Mexico Using a β -Giardin Nested Polymerase Chain Reaction Assay. <i>Journal of Parasitology</i> , 2005, 91, 203-205.	0.3	125
6	Giardiasis in the Post Genomic Era: Treatment, Drug Resistance and Novel Therapeutic Perspectives. <i>Infectious Disorders - Drug Targets</i> , 2010, 10, 283-294.	0.4	94
7	Treatment-refractory giardiasis: challenges and solutions. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 1921-1933.	1.1	90
8	<i>Anisakis pegreffii</i> Etiological Agent of Gastric Infections in Two Italian Women. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 1157-1159.	0.8	83
9	Loop-Mediated Isothermal Amplification-Lateral-Flow Dipstick (LAMP-LFD) to detect <i>Toxoplasma gondii</i> oocyst in ready-to-eat salad. <i>Food Microbiology</i> , 2018, 70, 137-142.	2.1	54
10	High genetic polymorphism among <i>Giardia duodenalis</i> isolates from Sahrawi children. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2009, 103, 834-838.	0.7	51
11	<i>Anisakidae</i> infection in fish of the Aegean Sea. <i>Veterinary Parasitology</i> , 2012, 184, 362-366.	0.7	49
12	Parasite detection in food: Current status and future needs for validation. <i>Trends in Food Science and Technology</i> , 2020, 99, 337-350.	7.8	47
13	<i>Dientamoeba fragilis</i> more prevalent than <i>Giardia duodenalis</i> in children and adults attending a day care centre in Central Italy. <i>Parasite</i> , 2005, 12, 165-170.	0.8	44
14	The <i>Giardia duodenalis</i> 14-3-3 Protein Is Post-translationally Modified by Phosphorylation and Polyglycylation of the C-terminal Tail. <i>Journal of Biological Chemistry</i> , 2006, 281, 5137-5148.	1.6	44
15	Exosome Biogenesis in the Protozoa Parasite <i>Giardia lamblia</i> : A Model of Reduced Interorganellar Crosstalk. <i>Cells</i> , 2019, 8, 1600.	1.8	42
16	A Novel <i>Giardia duodenalis</i> Assemblage A Subtype in Fallow Deer. <i>Journal of Parasitology</i> , 2007, 93, 426-428.	0.3	41
17	Interaction Network of the 14-3-3 Protein in the Ancient Protozoan Parasite <i>Giardia duodenalis</i> . <i>Journal of Proteome Research</i> , 2012, 11, 2666-2683.	1.8	40
18	<i>Plasmodium</i> lipid rafts contain proteins implicated in vesicular trafficking and signalling as well as members of the PIR superfamily, potentially implicated in host immune system interactions. <i>Proteomics</i> , 2008, 8, 2500-2513.	1.3	37

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19	Structural characterization of <i>Giardia duodenalis</i> thioredoxin reductase (g TrxR) and computational analysis of its interaction with NBDHEX. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 479-490.	2.6	35
20	ZmMPK6, a Novel Maize MAP Kinase that Interacts with 14-3-3 Proteins. <i>Plant Molecular Biology</i> , 2005, 59, 713-722.	2.0	32
21	Dematin, a Component of the Erythrocyte Membrane Skeleton, Is Internalized by the Malaria Parasite and Associates with Plasmodium 14-3-3. <i>Journal of Biological Chemistry</i> , 2011, 286, 1227-1236.	1.6	28
22	Indirect versus direct detection methods of <i>Trichinella</i> spp. infection in wild boar (<i>Sus scrofa</i>). <i>Parasites and Vectors</i> , 2014, 7, 171.	1.0	28
23	UV-press method versus artificial digestion method to detect Anisakidae L3 in fish fillets: Comparative study and suitability for the industry. <i>Fisheries Research</i> , 2018, 202, 22-28.	0.9	28
24	The FAD-dependent glycerol-3-phosphate dehydrogenase of <i>Giardia duodenalis</i> : an unconventional enzyme that interacts with the g14-3-3 and it is a target of the antitumoral compound NBDHEX. <i>Frontiers in Microbiology</i> , 2015, 06, 544.	1.5	27
25	Combination therapy in the management of giardiasis: What laboratory and clinical studies tell us, so far. <i>Acta Tropica</i> , 2016, 162, 196-205.	0.9	27
26	International ring trial to detect anti- <i>Trichinella</i> IgG by ELISA on pig sera. <i>Veterinary Parasitology</i> , 2009, 166, 241-248.	0.7	24
27	Molecular Dynamics Simulations and Structural Analysis of <i>Giardia duodenalis</i> 14-3-3 Protein-Protein Interactions. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2611-2622.	2.5	23
28	Viruses of protozoan parasites and viral therapy: Is the time now right?. <i>Virology Journal</i> , 2020, 17, 142.	1.4	22
29	Involvement of 14-3-3 protein post-translational modifications in <i>Giardia duodenalis</i> encystation. <i>International Journal for Parasitology</i> , 2010, 40, 201-213.	1.3	19
30	<i>Giardia Duodenalis</i> 14-3-3 Protein Is Polyglycylated by a Tubulin Tyrosine Ligase-like Member and Deglycylated by Two Metalloproteases. <i>Journal of Biological Chemistry</i> , 2011, 286, 4471-4484.	1.6	17
31	Proteomic and functional analyses reveal pleiotropic action of the anti-tumoral compound NBDHEX in <i>Giardia duodenalis</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 147-158.	1.4	16
32	14-3-3 Regulates Actin Filament Formation in the Deep-Branching Eukaryote <i>Giardia lamblia</i> . <i>MSphere</i> , 2017, 2, .	1.3	14
33	Comparative evaluation of loop-mediated isothermal amplification (LAMP) vs qPCR for detection of <i>Toxoplasma gondii</i> oocysts DNA in mussels. <i>Experimental Parasitology</i> , 2020, 208, 107809.	0.5	14
34	Interkingdom Complementation Reveals Structural Conservation and Functional Divergence of 14-3-3 Proteins. <i>PLoS ONE</i> , 2013, 8, e78090.	1.1	13
35	The Crystal Structure of <i>Giardia duodenalis</i> 14-3-3 in the Apo Form: When Protein Post-Translational Modifications Make the Difference. <i>PLoS ONE</i> , 2014, 9, e92902.	1.1	12
36	Why we need a European focus on foodborne parasites. <i>Experimental Parasitology</i> , 2020, 214, 107900.	0.5	12

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37	Contamination of Soil, Water, Fresh Produce, and Bivalve Mollusks with <i>Toxoplasma gondii</i> Oocysts: A Systematic Review. <i>Microorganisms</i> , 2022, 10, 517.	1.6	12
38	Mutational Analysis of the Interaction between 14-3-3 Proteins and Plant Plasma Membrane H ⁺ -ATPase. <i>Journal of Biological Chemistry</i> , 2003, 278, 8172-8178.	1.6	11
39	In vitro and ex vivo evaluation of the anti- <i>Giardia duodenalis</i> activity of the supernatant of Slab51 (SivoMixx). <i>PLoS ONE</i> , 2019, 14, e0213385.	1.1	11
40	Testing the impact of Whole Genome Amplification on genome comparison using the polyploid flagellated <i>Giardia duodenalis</i> as a model. <i>Experimental Parasitology</i> , 2019, 207, 107776.	0.5	6
41	Molecular Methods for the Detection of <i>Toxoplasma gondii</i> Oocysts in Fresh Produce: An Extensive Review. <i>Microorganisms</i> , 2021, 9, 167.	1.6	6
42	Re-Discovery of Giardivirus: Genomic and Functional Analysis of Viruses from <i>Giardia duodenalis</i> Isolates. <i>Biomedicines</i> , 2021, 9, 654.	1.4	6
43	High prevalence of Anisakidae larvae in marketed frozen fillets of pink salmon (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 2.8 5		
44	Chloroquine: An Old Drug with New Perspective Against Giardiasis. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2015, 10, 134-141.	0.5	5
45	Proficiency testing carried out by the European Union Reference Laboratory for Parasites. <i>Accreditation and Quality Assurance</i> , 2015, 20, 311-317.	0.4	4
46	The protein 14-3-3: A functionally versatile molecule in <i>Giardia duodenalis</i> . <i>Advances in Parasitology</i> , 2019, 106, 51-103.	1.4	4
47	High occurrence of Anisakidae at retail level in cod (<i>Gadus morhua</i>) belly flaps and the impact of extensive candling. <i>Food and Waterborne Parasitology</i> , 2021, 22, e00108.	1.1	3
48	Evaluation of real-time qPCR-based methods to detect the DNA of the three protozoan parasites <i>Cryptosporidium parvum</i> , <i>Giardia duodenalis</i> and <i>Toxoplasma gondii</i> in the tissue and hemolymph of blue mussels (<i>M. edulis</i>). <i>Food Microbiology</i> , 2022, 102, 103870.	2.1	3
49	A guide to standardise artificial contamination procedures with protozoan parasite oocysts or cysts during method evaluation, using <i>Cryptosporidium</i> and leafy greens as models. <i>Food Control</i> , 2022, 134, 108678.	2.8	3
50	The Nitrobenzoxadiazole Derivative NBDHEX Behaves as <i>Plasmodium falciparum</i> Gametocyte Selective Inhibitor with Malaria Parasite Transmission Blocking Activity. <i>Pharmaceuticals</i> , 2022, 15, 168.	1.7	3
51	MlxS-SA: a MlxS extension defining the minimum information standard for sequence data from symbiont-associated micro-organisms. <i>ISME Communications</i> , 2022, 2, .	1.7	3
52	Why do we need training? - A "Training school on molecular methods used for foodborne parasite diagnostics in different matrices" is a example of knowledge transfer to foster research quality in EU. <i>Experimental Parasitology</i> , 2020, 211, 107863.	0.5	2
53	Expression of <i>Cryptosporidium parvum</i> Cpa135/CpCCP1 chimeras in <i>Giardia duodenalis</i> : Organization of the protein domains affects the protein secretion pathway. <i>Experimental Parasitology</i> , 2011, 127, 680-686.	0.5	1
54	Editors'™ commentary on the special issue on the "VI International <i>Giardia</i> and <i>Cryptosporidium</i> Conference (VI IGCC)" Experimental Parasitology, 2019, 199, 38-39.	0.5	0

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55	Insights into the molecular detection of <i>Giardia duodenalis</i> : implications for epidemiology.. , 2009, , 81-93.		0