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List of Publications by Year
in descending order

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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	Evaluation of real-time qPCR-based methods to detect the DNA of the three protozoan parasites Cryptosporidium parvum, Giardia duodenalis and Toxoplasma gondii in the tissue and hemolymph of blue mussels (M. edulis). Food Microbiology, 2022, 102, 103870.	2.1	3
2	A guide to standardise artificial contamination procedures with protozoan parasite oocysts or cysts during method evaluation, using Cryptosporidium and leafy greens as models. Food Control, 2022, 134, 108678.	2.8	3
3	The Nitrobenzoxadiazole Derivative NBDHEX Behaves as Plasmodium falciparum Gametocyte Selective Inhibitor with Malaria Parasite Transmission Blocking Activity. Pharmaceuticals, 2022, 15, 168.	1.7	3
4	MIxS-SA: a MIxS extension defining the minimum information standard for sequence data from symbiont-associated micro-organisms. ISME Communications, 2022, 2, .	1.7	3
5	Contamination of Soil, Water, Fresh Produce, and Bivalve Mollusks with Toxoplasma gondii Oocysts: A Systematic Review. Microorganisms, 2022, 10, 517.	1.6	12
6	Molecular Methods for the Detection of Toxoplasma gondii Oocysts in Fresh Produce: An Extensive Review. Microorganisms, 2021, 9, 167.	1.6	6
7	High occurrence of Anisakidae at retail level in cod (Gadus morhua) belly flaps and the impact of extensive candling. Food and Waterborne Parasitology, 2021, 22, e00108.	1.1	3
8	Re-Discovery of Giardiavirus: Genomic and Functional Analysis of Viruses from Giardia duodenalis Isolates. Biomedicines, 2021, 9, 654.	1.4	6
9	Comparative evaluation of loop-mediated isothermal amplification (LAMP) vs qPCR for detection of Toxoplasma gondii oocysts DNA in mussels. Experimental Parasitology, 2020, 208, 107809.	0.5	14
10	Parasite detection in food: Current status and future needs for validation. Trends in Food Science and Technology, 2020, 99, 337-350.	7.8	47
11	Why do we need training? - A â€œTraining school on molecular methods used for foodborne parasite diagnostics in different matricesâ€•is a example of knowledge transfer to foster research quality in EU. Experimental Parasitology, 2020, 211, 107863.	0.5	2
12	Why we need a European focus on foodborne parasites. Experimental Parasitology, 2020, 214, 107900.	0.5	12
13	Viruses of protozoan parasites and viral therapy: Is the time now right?. Virology Journal, 2020, 17, 142.	1.4	22
14	Testing the impact of Whole Genome Amplification on genome comparison using the polyploid flagellated Giardia duodenalis as a model. Experimental Parasitology, 2019, 207, 107776.	0.5	6
15	The protein 14-3-3: A functionally versatile molecule in Giardia duodenalis. Advances in Parasitology, 2019, 106, 51-103.	1.4	4
16	In vitro and ex vivo evaluation of the anti-Giardia duodenalis activity of the supernatant of Slab51 (SivoMixx). PLoS ONE, 2019, 14, e0213385.	1.1	11
17	Editorsâ€™ commentary on the special issue on the â€œVI International Giardia and Cryptosporidium Conference (VI IGCC)â€• Experimental Parasitology, 2019, 199, 38-39.	0.5	0
18	Exosome Biogenesis in the Protozoa Parasite Giardia lamblia: A Model of Reduced Interorganellar Crosstalk. Cells, 2019, 8, 1600.	1.8	42

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19	UV-press method versus artificial digestion method to detect Anisakidae L3 in fish fillets: Comparative study and suitability for the industry. Fisheries Research, 2018, 202, 22-28.	0.9	28
20	Loop-Mediated Isothermal Amplification-Lateral-Flow Dipstick (LAMP-LFD) to detect Toxoplasma gondii oocyst in ready-to-eat salad. Food Microbiology, 2018, 70, 137-142.	2.1	54
21	Host specificity in the Giardia duodenalis species complex. Infection, Genetics and Evolution, 2018, 66, 335-345.	1.0	150
22	Treatment-refractory giardiasis: challenges and solutions. Infection and Drug Resistance, 2018, Volume 11, 1921-1933.	1.1	90
23	Structural characterization of Giardia duodenalis thioredoxin reductase (g TrxR) and computational analysis of its interaction with NBDHEX. European Journal of Medicinal Chemistry, 2017, 135, 479-490.	2.6	35
24	Proteomic and functional analyses reveal pleiotropic action of the anti-tumoral compound NBDHEX in Giardia duodenalis. International Journal for Parasitology: Drugs and Drug Resistance, 2017, 7, 147-158.	1.4	16
25	14-3-3 Regulates Actin Filament Formation in the Deep-Branching Eukaryote Giardia lamblia. MSphere, 2017, 2, .	1.3	14
26	High prevalence of Anisakidae larvae in marketed frozen fillets of pink salmons (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.8	5
27	Combination therapy in the management of giardiasis: What laboratory and clinical studies tell us, so far. Acta Tropica, 2016, 162, 196-205.	0.9	27
28	The FAD-dependent glycerol-3-phosphate dehydrogenase of Giardia duodenalis: an unconventional enzyme that interacts with the g14-3-3 and it is a target of the antitumoral compound NBDHEX. Frontiers in Microbiology, 2015, 06, 544.	1.5	27
29	Proficiency testing carried out by the European Union Reference Laboratory for Parasites. Accreditation and Quality Assurance, 2015, 20, 311-317.	0.4	4
30	Molecular Dynamics Simulations and Structural Analysis of Giardia duodenalis 14-3-3 Proteinâ€“Protein Interactions. Journal of Chemical Information and Modeling, 2015, 55, 2611-2622.	2.5	23
31	Chloroquine: An Old Drug with New Perspective Against Giardiasis. Recent Patents on Anti-infective Drug Discovery, 2015, 10, 134-141.	0.5	5
32	The Crystal Structure of Giardia duodenalis 14-3-3 in the Apo Form: When Protein Post-Translational Modifications Make the Difference. PLoS ONE, 2014, 9, e92902.	1.1	12
33	Indirect versus direct detection methods of Trichinella spp. infection in wild boar (Sus scrofa). Parasites and Vectors, 2014, 7, 171.	1.0	28
34	Interkingdom Complementation Reveals Structural Conservation and Functional Divergence of 14-3-3 Proteins. PLoS ONE, 2013, 8, e78090.	1.1	13
35	Interaction Network of the 14-3-3 Protein in the Ancient Protozoan Parasite Giardia duodenalis. Journal of Proteome Research, 2012, 11, 2666-2683.	1.8	40
36	Anisakidae infection in fish of the Aegean Sea. Veterinary Parasitology, 2012, 184, 362-366.	0.7	49

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37	Expression of Cryptosporidium parvum Cpa135/CpCCP1 chimeras in Giardia duodenalis: Organization of the protein domains affects the protein secretion pathway. Experimental Parasitology, 2011, 127, 680-686.	0.5	1
38	Giardia Duodenalis 14-3-3 Protein Is Polyglycylated by a Tubulin Tyrosine Ligase-like Member and Deglycylated by Two Metallocarboxypeptidases. Journal of Biological Chemistry, 2011, 286, 4471-4484.	1.6	17
39	Dematin, a Component of the Erythrocyte Membrane Skeleton, Is Internalized by the Malaria Parasite and Associates with Plasmodium 14-3-3. Journal of Biological Chemistry, 2011, 286, 1227-1236.	1.6	28
40	Involvement of 14-3-3 protein post-translational modifications in Giardia duodenalis encystation. International Journal for Parasitology, 2010, 40, 201-213.	1.3	19
41	Giardiasis in the Post Genomic Era: Treatment, Drug Resistance and Novel Therapeutic Perspectives. Infectious Disorders - Drug Targets, 2010, 10, 283-294.	0.4	94
42	Anisakis pegreffi Etiological Agent of Gastric Infections in Two Italian Women. Foodborne Pathogens and Disease, 2009, 6, 1157-1159.	0.8	83
43	High genetic polymorphism among Giardia duodenalis isolates from Sahrawi children. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 834-838.	0.7	51
44	International ring trial to detect anti-Trichinella IgG by ELISA on pig sera. Veterinary Parasitology, 2009, 166, 241-248.	0.7	24
45	Insights into the molecular detection of Giardia duodenalis : implications for epidemiology.. , 2009, , 81-93.		0
46	Plasmodium 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. Proteomics, 2008, 8, 2500-2513.	1.3	37
47	Multilocus genotyping of Giardia duodenalis reveals striking differences between assemblages A and B. International Journal for Parasitology, 2008, 38, 1523-1531.	1.3	299
48	Molecular characterization of human isolates of Giardia duodenalis from Ethiopia. Acta Tropica, 2007, 102, 92-99.	0.9	180
49	A Novel Giardia duodenalis Assemblage A Subtype in Fallow Deer. Journal of Parasitology, 2007, 93, 426-428.	0.3	41
50	The Giardia duodenalis 14-3-3 Protein Is Post-translationally Modified by Phosphorylation and Polyglycylation of the C-terminal Tail. Journal of Biological Chemistry, 2006, 281, 5137-5148.	1.6	44
51	Dientamoeba fragilisis more prevalent thanGiardia duodenalisin children and adults attending a day care centre in Central Italy. Parasite, 2005, 12, 165-170.	0.8	44
52	Genetic heterogeneity at the Î²-giardin locus among human and animal isolates of Giardia duodenalis and identification of potentially zoonotic subgenotypes. International Journal for Parasitology, 2005, 35, 207-213.	1.3	467
53	ZmMPK6, a Novel Maize MAP Kinase that Interacts with 14-3-3 Proteins. Plant Molecular Biology, 2005, 59, 713-722.	2.0	32
54	Genotyping of Giardia duodenalis From Humans and Dogs From Mexico Using a Î²-Giardin Nested Polymerase Chain Reaction Assay. Journal of Parasitology, 2005, 91, 203-205.	0.3	125

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55	Mutational Analysis of the Interaction between 14-3-3 Proteins and Plant Plasma Membrane H+-ATPase. Journal of Biological Chemistry, 2003, 278, 8172-8178.	1.6	11