

Peter Michael Brophy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/652188/publications.pdf>

Version: 2024-02-01

32
papers

1,197
citations

394286

19
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Fasciola hepatica</i> Cathepsin L Zymogens: Immuno-Proteomic Evidence for Highly Immunogenic Zymogen-Specific Conformational Epitopes to Support Diagnostics Development. <i>Journal of Proteome Research</i> , 2022, 21, 1997-2010.	1.8	4
2	In vitro screening as an anthelmintic discovery pipeline for <i>Calicophoron daubneyi</i> : nutritive media and rumen environment-based approaches. <i>Parasitology Research</i> , 2021, 120, 1351-1362.	0.6	1
3	Modulation of Rumen Microbes Through Extracellular Vesicle Released by the Rumen Fluke <i>Calicophoron daubneyi</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 661830.	1.8	5
4	Evidence of Immune Modulators in the Secretome of the Equine Tapeworm <i>Anoplocephala perfoliata</i> . <i>Pathogens</i> , 2021, 10, 912.	1.2	8
5	Evidence of sequestration of triclabendazole and associated metabolites by extracellular vesicles of <i>Fasciola hepatica</i> . <i>Scientific Reports</i> , 2020, 10, 13445.	1.6	9
6	X-ray structure of <i>Fasciola hepatica</i> Sigma class glutathione transferase 1 reveals a disulfide bond to support stability in gastro-intestinal environment. <i>Scientific Reports</i> , 2019, 9, 902.	1.6	2
7	The importance of extracellular vesicle purification for downstream analysis: A comparison of differential centrifugation and size exclusion chromatography for helminth pathogens. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007191.	1.3	64
8	Purification of native Sigma class glutathione transferase from <i>Fasciola hepatica</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 222, 45-50.	0.5	5
9	Inducible glutathione S-transferase (IrGST1) from the tick <i>Ixodes ricinus</i> is a haem-binding protein. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 95, 44-54.	1.2	18
10	Polyomic tools for an emerging livestock parasite, the rumen fluke <i>Calicophoron daubneyi</i> ; identifying shifts in rumen functionality. <i>Parasites and Vectors</i> , 2018, 11, 617.	1.0	10
11	Rumen fluke (<i>Calicophoron daubneyi</i>) on Welsh farms: prevalence, risk factors and observations on co-infection with <i>Fasciola hepatica</i> . <i>Parasitology</i> , 2017, 144, 237-247.	0.7	47
12	The prevalence and development of digenean parasites within their intermediate snail host, <i>Galba truncatula</i> , in a geographic area where the presence of <i>Calicophoron daubneyi</i> has recently been confirmed. <i>Veterinary Parasitology</i> , 2017, 240, 68-74.	0.7	21
13	Calmodulin disruption impacts growth and motility in juvenile liver fluke. <i>Parasites and Vectors</i> , 2016, 9, 46.	1.0	21
14	Confirmation of <i>Galba truncatula</i> as an intermediate host snail for <i>Calicophoron daubneyi</i> in Great Britain, with evidence of alternative snail species hosting <i>Fasciola hepatica</i> . <i>Parasites and Vectors</i> , 2015, 8, 656.	1.0	42
15	In vitro biomarker discovery in the parasitic flatworm <i>Fasciola hepatica</i> for monitoring chemotherapeutic treatment. <i>EuPA Open Proteomics</i> , 2014, 3, 85-99.	2.5	18
16	Early hepatic and peritoneal changes and immune response in goats vaccinated with a recombinant glutathione transferase sigma class and challenged with <i>Fasciola hepatica</i> . <i>Research in Veterinary Science</i> , 2013, 94, 602-609.	0.9	27
17	The Sigma Class Glutathione Transferase from the Liver Fluke <i>Fasciola hepatica</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1666.	1.3	60
18	Proteomics and <i>in Silico</i> Approaches To Extend Understanding of the Glutathione Transferase Superfamily of the Tropical Liver Fluke <i>Fasciola gigantica</i> . <i>Journal of Proteome Research</i> , 2012, 11, 5876-5889.	1.8	34

#	ARTICLE	IF	CITATIONS
19	Anthelmintic metabolism in parasitic helminths: proteomic insights. <i>Parasitology</i> , 2012, 139, 1205-1217.	0.7	23
20	Towards Delineating Functions within the <i>Fasciola hepatica</i> Secreted Cathepsin L Protease Family by Integrating In Vivo Based Sub-Proteomics and Phylogenetics. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e937.	1.3	33
21	Molecular Cloning, Biochemical Characterization, and Partial Protective Immunity of the Heme-Binding Glutathione S-Transferases from the Human Hookworm <i>Necator americanus</i> . <i>Infection and Immunity</i> , 2010, 78, 1552-1563.	1.0	89
22	Major Secretory Antigens of the Helminth <i>Fasciola hepatica</i> Activate a Suppressive Dendritic Cell Phenotype That Attenuates Th17 Cells but Fails To Activate Th2 Immune Responses. <i>Infection and Immunity</i> , 2010, 78, 793-801.	1.0	119
23	Heme Transport and Detoxification in Nematodes: Subproteomics Evidence of Differential Role of Glutathione Transferases. <i>Journal of Proteome Research</i> , 2008, 7, 4557-4565.	1.8	42
24	The <i>Aedes aegypti</i> glutathione transferase family. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1026-1035.	1.2	106
25	Binding of Hematin by a New Class of Glutathione Transferase from the Blood-Feeding Parasitic Nematode <i>Haemonchus contortus</i> . <i>Infection and Immunity</i> , 2004, 72, 2780-2790.	1.0	51
26	Evidence of glutathione transferase complexing and signaling in the model nematode <i>Caenorhabditis elegans</i> using a pull-down proteomic assay. <i>Proteomics</i> , 2004, 4, 1989-1995.	1.3	9
27	The glutathione S-transferase from <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 124, 85-90.	0.5	56
28	Inhibition of glutathione S-transferases (GSTs) from parasitic nematodes by extracts from traditional Nigerian medicinal plants. <i>Phytotherapy Research</i> , 2000, 14, 630-634.	2.8	56
29	A new diagnostic tool for neurocysticercosis is a member of a cestode specific hydrophobic ligand binding protein family 1. <i>FEBS Letters</i> , 2000, 487, 181-184.	1.3	30
30	Structural and functional analysis of a glutathione S-transferase from <i>Ascaris suum</i> . <i>Biochemical Journal</i> , 1997, 324, 659-666.	1.7	44
31	Detoxification reactions of <i>Fasciola hepatica</i> cytosolic glutathione transferases. <i>Molecular and Biochemical Parasitology</i> , 1990, 39, 155-161.	0.5	47
32	Glutathione transferases in the tapeworm <i>Moniezia expansa</i> . <i>Biochemical Journal</i> , 1989, 262, 939-946.	1.7	96