Jason P Mulvenna

List of Publications by Year
in descending order

92	5,185	94433 37	91884 69
papers	citations	h-index	g-index

97	97	97	5424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteomic identification of the contents of small extracellular vesicles from in vivo Plasmodium yoelii infection. International Journal for Parasitology, 2022, 52, 35-45.	3.1	6
2	ERK and mTORC1 Inhibitors Enhance the Anti-Cancer Capacity of the Octpep-1 Venom-Derived Peptide in Melanoma BRAF(V600E) Mutations. Toxins, 2021, 13, 146.	3.4	7
3	Synthetic hookworm-derived peptides are potent modulators of primary human immune cell function that protect against experimental colitis inÂvivo. Journal of Biological Chemistry, 2021, 297, 100834.	3.4	5
4	A primary human T-cell spectral library to facilitate large scale quantitative T-cell proteomics. Scientific Data, 2020, 7, 412.	5.3	11
5	Comprehensive analysis of the secreted proteome of adult Necator americanusÂhookworms. PLoS Neglected Tropical Diseases, 2020, 14, e0008237.	3.0	25
6	Mollusk microbiota shift during Angiostrongylus cantonensis infection in the freshwater snail Biomphalaria glabrata and the terrestrial slug Phillocaulis soleiformis. Parasitology Research, 2020, 119, 2495-2503.	1.6	12
7	Urine proteomics study reveals potential biomarkers for the differential diagnosis of cholangiocarcinoma and periductal fibrosis. PLoS ONE, 2019, 14, e0221024.	2.5	21
8	Discovery and Qualification of Serum Protein Biomarker Candidates for Cholangiocarcinoma Diagnosis. Journal of Proteome Research, 2019, 18, 3305-3316.	3.7	18
9	Qualitative and quantitative proteomic analyses of Schistosoma japonicum eggs and egg-derived secretory-excretory proteins. Parasites and Vectors, 2019, 12, 173.	2.5	29
10	Patterns of Interindividual Variability in the Antibody Repertoire Targeting Proteins Across the Epstein-Barr Virus Proteome. Journal of Infectious Diseases, 2018, 217, 1923-1931.	4.0	13
11	Evolution of resistance to chytridiomycosis is associated with a robust early immune response. Molecular Ecology, 2018, 27, 919-934.	3.9	50
12	Identification of a Novel, EBV-Based Antibody Risk Stratification Signature for Early Detection of Nasopharyngeal Carcinoma in Taiwan. Clinical Cancer Research, 2018, 24, 1305-1314.	7.0	52
13	Survival, gene and metabolite responses of Litoria verreauxii alpina frogs to fungal disease chytridiomycosis. Scientific Data, 2018, 5, 180033.	5.3	9
14	Discovering proteins for chemoprevention and chemotherapy by curcumin in liver fluke infection-induced bile duct cancer. PLoS ONE, 2018, 13, e0207405.	2.5	9
15	Kunitz type protease inhibitor EgKI-1 from the canine tapeworm Echinococcus granulosus as a promising therapeutic against breast cancer. PLoS ONE, 2018, 13, e0200433.	2.5	17
16	Changes in protein expression after treatment with Ancylostoma caninum excretory/secretory products in a mouse model of colitis. Scientific Reports, 2017, 7, 41883.	3.3	8
17	Differential Protein Expression Marks the Transition From Infection With Opisthorchis viverrini to Cholangiocarcinoma. Molecular and Cellular Proteomics, 2017, 16, 911-923.	3.8	9
18	Unique molecular profile of exosomes derived from primary human proximal tubular epithelial cells under diseased conditions. Journal of Extracellular Vesicles, 2017, 6, 1314073.	12.2	33

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19	A comparative proteomic analysis of bile for biomarkers of cholangiocarcinoma. Tumor Biology, 2017, 39, 101042831770576.	1.8	16
20	Exploiting Helminthâ€“Host Interactomes through Big Data. Trends in Parasitology, 2017, 33, 875-888.	3.3	27
21	Helminth Immunomodulation in Autoimmune Disease. Frontiers in Immunology, 2017, 8, 453.	4.8	182
22	A modified FASP protocol for high-throughput preparation of protein samples for mass spectrometry. PLoS ONE, 2017, 12, e0175967.	2.5	44
23	Tentacle Transcriptome and Venom Proteome of the Pacific Sea Nettle, Chrysaora fuscescens (Cnidaria: Scyphozoa). Toxins, 2016, 8, 102.	3.4	70
24	Integrated Transcriptomic-Proteomic Analysis Using a Proteogenomic Workflow Refines Rat Genome Annotation. Molecular and Cellular Proteomics, 2016, 15, 329-339.	3.8	35
25	Extracellular vesicles secreted by Schistosoma mansoni contain protein vaccine candidates. International Journal for Parasitology, 2016, 46, 1-5.	3.1	147
26	Differential Protein Expression in the Hemolymph of Bithynia siamensis goniomphalos Infected with Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2016, 10, e0005104.	3.0	12
27	Clinicopathological Significance of Osteopontin in Cholangiocarcinoma Cases. Asian Pacific Journal of Cancer Prevention, 2016, 17, 201-205.	1.2	11
28	Lysosome-associated membrane glycoprotein (LAMP) â€“ preliminary study on a hidden antigen target for vaccination against schistosomiasis. Scientific Reports, 2015, 5, 15069.	3.3	10
29	A microRNA profile associated with Opisthorchis viverrini-induced cholangiocarcinoma in tissue and plasma. BMC Cancer, 2015, 15, 309.	2.6	32
30	Proteomic profile of Bithynia siamensis goniomphalos snails upon infection with the carcinogenic liver fluke Opisthorchis viverrini. Journal of Proteomics, 2015, 113, 281-291.	2.4	17
31	A quantitative proteomic analysis of the tegumental proteins from Schistosoma mansoni schistosomula reveals novel potential therapeutic targets. International Journal for Parasitology, 2015, 45, 505-516.	3.1	103
32	Transcriptome and venom proteome of the box jellyfish Chironex fleckeri. BMC Genomics, 2015, 16, 407.	2.8	103
33	Carcinogenic Liver Fluke Secretes Extracellular Vesicles That Promote Cholangiocytes to Adopt a Tumorigenic Phenotype. Journal of Infectious Diseases, 2015, 212, 1636-1645.	4.0	141
34	Data set from the proteomic analysis of Bithynia siamensis goniomphalos snails upon infection with the carcinogenic liver fluke Opisthorchis viverrini. Data in Brief, 2015, 2, 16-20.	1.0	6
35	Levels of 8-OxodG Predict Hepatobiliary Pathology in Opisthorchis viverrini Endemic Settings in Thailand. PLoS Neglected Tropical Diseases, 2015, 9, e0003949.	3.0	12
36	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. PLoS Pathogens, 2015, 11, e1005209.	4.7	78

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37	Proteomic and genomic analyses suggest the association of apolipoprotein C1 with abdominal aortic aneurysm. Proteomics - Clinical Applications, 2014, 8, 762-772.	1.6	16
38	Solution Structure, Membrane Interactions, and Protein Binding Partners of the Tetraspanin Sm-TSP-2, a Vaccine Antigen from the Human Blood Fluke Schistosoma mansoni. Journal of Biological Chemistry, 2014, 289, 7151-7163.	3.4	33
39	Profiling miRNAs in nasopharyngeal carcinoma FFPE tissue by microarray and Next Generation Sequencing. Genomics Data, 2014, 2, 285-289.	1.3	13
40	Bioclojure: a functional library for the manipulation of biological sequences. Bioinformatics, 2014, 30, 2537-2539.	4.1	6
41	The miRNAome of Opisthorchis viverrini induced intrahepatic cholangiocarcinoma. Genomics Data, 2014, 2, 274-279.	1.3	5
42	Secreted Proteomes of Different Developmental Stages of the Gastrointestinal Nematode Nippostrongylus brasiliensis. Molecular and Cellular Proteomics, 2014, 13, 2736-2751.	3.8	88
43	Methods and matrices: approaches to identifying miRNAs for Nasopharyngeal carcinoma. Journal of Translational Medicine, 2014, 12, 3.	4.4	32
44	Genome of the human hookworm Necator americanus. Nature Genetics, 2014, 46, 261-269.	21.4	166
45	Chironex fleckeri (Box Jellyfish) Venom Proteins. Journal of Biological Chemistry, 2014, 289, 4798-4812.	3.4	72
46	Circumventing qPCR inhibition to amplify miRNAs in plasma. Biomarker Research, 2014, 2, 13.	6.8	25
47	Semienzymatic Cyclization of Disulfide-rich Peptides Using Sortase A. Journal of Biological Chemistry, 2014, 289, 6627-6638.	3.4	83
48	Rapid short term and gradual permanent cardiotoxic effects of vertebrate toxins from Chironex fleckeri (Australian box jellyfish) venom. Toxicon, 2014, 80, 17-26.	1.6	24
49	Distinct miRNA signatures associate with subtypes of cholangiocarcinoma from infection with the tumourigenic liver fluke Opisthorchis viverrini. Journal of Hepatology, 2014, 61, 850-858.	3.7	37
50	Infection with the carcinogenic liver fluke Opisthorchis viverrini modifies intestinal and biliary microbiome. FASEB Journal, 2013, 27, 4572-4584.	0.5	116
51	Tetraspanin-2 localisation in high pressure frozen and freeze-substituted Schistosoma mansoni adult males reveals its distribution in membranes of tegumentary vesicles. International Journal for Parasitology, 2013, 43, 785-793.	3.1	18
52	Anthelminthic activity of the cyclotides (kalata B1 and B2) against schistosome parasites. Biopolymers, 2013, 100, 461-470.	2.4	26
53	Coming out of the Shell: Building the Molecular Infrastructure for Research on Parasite-Harbouring Snails. PLoS Neglected Tropical Diseases, 2013, 7, e2284.	3.0	15
54	Microproteinuria during Opisthorchis viverrini Infection: A Biomarker for Advanced Renal and Hepatobiliary Pathologies from Chronic Opisthorchiasis. PLoS Neglected Tropical Diseases, 2013, 7, e2228.	3.0	25

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55	Elevated Plasma IL-6 Associates with Increased Risk of Advanced Fibrosis and Cholangiocarcinoma in Individuals Infected by Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2012, 6, e1654.	3.0	96
56	A Deep Exploration of the Transcriptome and â€œExcretory/Secretoryâ€•Proteome of Adult Fascioloides magna. Molecular and Cellular Proteomics, 2012, 11, 1340-1353.	3.8	35
57	The tumorigenic liver fluke Opisthorchis viverrini â€“ multiple pathways to cancer. Trends in Parasitology, 2012, 28, 395-407.	3.3	376
58	Prognostic significance of peroxiredoxin 1 and ezrin-radixin-moesinâ€“binding phosphoprotein 50 in cholangiocarcinoma. Human Pathology, 2012, 43, 1719-1730.	2.0	27
59	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: Implications for the development of vaccines against helminths. Journal of Allergy and Clinical Immunology, 2012, 130, 169-176.e6.	2.9	151
60	Banking on the future: Biobanking for â€œomicsâ€•approaches to biomarker discovery for Opisthorchis-induced cholangiocarcinoma in Thailand. Parasitology International, 2012, 61, 173-177.	1.3	7
61	Proteomic Identification of Plasma Protein Tyrosine Phosphatase Alpha and Fibronectin Associated with Liver Fluke, Opisthorchis viverrini, Infection. PLoS ONE, 2012, 7, e45460.	2.5	15
62	Venom Proteome of the Box Jellyfish Chironex fleckeri. PLoS ONE, 2012, 7, e47866.	2.5	57
63	Infection with the carcinogenic human liver fluke, Opisthorchis viverrini. Molecular BioSystems, 2011, 7, 1367.	2.9	60
64	Opisthorchiasis and Opisthorchis-associated cholangiocarcinoma in Thailand and Laos. Acta Tropica, 2011, 120, S158-S168.	2.0	262
65	Expression, refolding and purification of Ov-GRN-1, a granulin-like growth factor from the carcinogenic liver fluke, that causes proliferation of mammalian host cells. Protein Expression and Purification, 2011, 79, 263-270.	1.3	34
66	Proteomic characterisation of Echinococcus granulosus hydatid cyst fluid from sheep, cattle and humans. Journal of Proteomics, 2011, 74, 1560-1572.	2.4	88
67	Vaccinomics for the Major Blood Feeding Helminths of Humans. OMICS A Journal of Integrative Biology, 2011, 15, 567-577.	2.0	48
68	Insights into the Membrane Interactions of the Saposin-Like Proteins Na-SLP-1 and Ac-SLP-1 from Human and Dog Hookworm. PLoS ONE, 2011, 6, e25369.	2.5	14
69	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	3.1	130
70	Up-regulation of annexin A2 in cholangiocarcinoma caused by Opisthorchis viverrini and its implication as a prognostic marker. International Journal for Parasitology, 2010, 40, 1203-1212.	3.1	37
71	The secreted and surface proteomes of the adult stage of the carcinogenic human liver fluke Opisthorchis viverrini. Proteomics, 2010, 10, 1063-1078.	2.2	135
72	Cloning and Characterisation of Schistosoma japonicum Insulin Receptors. PLoS ONE, 2010, 5, e9868.	2.5	76

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73	Neutralizing Antibodies to the Hookworm HemoglobinaseNaâ€APRâ€1: Implications for a Multivalent Vaccine against Hookworm Infection and Schistosomiasis. Journal of Infectious Diseases, 2010, 201, 1561-1569.	4.0	53
74	Transcriptional Changes in Schistosoma mansoni during Early Schistosomula Development and in the Presence of Erythrocytes. PLoS Neglected Tropical Diseases, 2010, 4, e600.	3.0	70
75	Tissue Specific Profiling of Females of Schistosoma japonicum by Integrated Laser Microdissection Microscopy and Microarray Analysis. PLoS Neglected Tropical Diseases, 2009, 3, e469.	3.0	70
76	An enzymatically inactivated hemoglobinase fromNecator americanusinduces neutralizing antibodies against multiple hookworm species and protects dogs against heterologous hookworm infection. FASEB Journal, 2009, 23, 3007-3019.	0.5	83
77	A Granulin-Like Growth Factor Secreted by the Carcinogenic Liver Fluke, Opisthorchis viverrini, Promotes Proliferation of Host Cells. PLoS Pathogens, 2009, 5, e1000611.	4.7	162
78	Proteomics Analysis of the Excretory/Secretory Component of the Blood-feeding Stage of the Hookworm, Ancylostoma caninum. Molecular and Cellular Proteomics, 2009, 8, 109-121.	3.8	167
79	Characterization and binding affinities of SmLANP: A new Schistosoma mansoni member of the ANP32 family of regulatory proteins. Molecular and Biochemical Parasitology, 2009, 165, 95-102.	1.1	1
80	Ov-APR-1, an aspartic protease from the carcinogenic liver fluke, Opisthorchis viverrini: Functional expression, immunolocalization and subsite specificity. International Journal of Biochemistry and Cell Biology, 2009, 41, 1148-1156.	2.8	30
81	Exploring transcriptional conservation between Ancylostoma caninum and Haemonchus contortus by oligonucleotide microarray and bioinformatic analyses. Molecular and Cellular Probes, 2009, 23, 1-9.	2.1	11
82	A family of cathepsin B cysteine proteases expressed in the gut of the human hookworm, Necator americanus. Molecular and Biochemical Parasitology, 2008, 160, 90-99.	1.1	50
83	Molecular and phylogenetic characterization of cytochromes c from Haemonchus contortus and Trichostrongylus vitrinus (Nematoda: Trichostrongylida). Gene, 2008, 424, 121-129.	2.2	10
84	Genomic-Bioinformatic Analysis of Transcripts Enriched in the Third-Stage Larva of the Parasitic Nematode Ascaris suum. PLoS Neglected Tropical Diseases, 2008, 2, e246.	3.0	27
85	Gene discovery for the carcinogenic human liver fluke, Opisthorchis viverrini. BMC Genomics, 2007, 8, 189.	2.8	90
86	CyBase: a database of cyclic protein sequence and structure. Nucleic Acids Research, 2006, 34, D192-D194.	14.5	137
87	Discovery of Cyclotide-Like Protein Sequences in Graminaceous Crop Plants: Ancestral Precursors of Circular Proteins?. Plant Cell, 2006, 18, 2134-2144.	6.6	70
88	Processing of a 22 kDa Precursor Protein to Produce the Circular Protein Tricyclon A. Structure, 2005, 13, 691-701.	3.3	78
89	Discovery, Structural Determination, and Putative Processing of the Precursor Protein That Produces the Cyclic Trypsin Inhibitor Sunflower Trypsin Inhibitor 1. Journal of Biological Chemistry, 2005, 280, 32245-32253.	3.4	32
90	Discovery, Structure and Biological Activities of the Cyclotides. Current Protein and Peptide Science, 2004, 5, 297-315.	1.4	167

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91	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. International Journal of Peptide Research and Therapeutics, 2001, 8, 119-128.	0.1	9
92	Discovery and structures of the cyclotides: novel macrocyclic peptides from plants. International Journal of Peptide Research and Therapeutics, 2001, 8, 119-128.	0.1	14