Thewarach Laha

List of Publications by Year
in descending order

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79 papers	3,869 citations	172457 29 h-index	128289 60 g-index
83 all docs	83 docs citations	83 times ranked	2391 citing authors

#	Article	IF	Citations
1	Liver Fluke Induces Cholangiocarcinoma. PLoS Medicine, 2007, 4, e201.	8.4	605
2	The tumorigenic liver fluke Opisthorchis viverrini â€“ multiple pathways to cancer. Trends in Parasitology, 2012, 28, 395-407.	3.3	376
3	Opisthorchiasis and Opisthorchis-associated cholangiocarcinoma in Thailand and Laos. Acta Tropica, 2011, 120, S158-S168.	2.0	262
4	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
5	Unlocking the Transcriptomes of Two Carcinogenic Parasites, Clonorchis sinensis and Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2010, 4, e719.	3.0	141
6	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
7	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
8	Hookworm recombinant protein promotes regulatory T cell responses that suppress experimental asthma. Science Translational Medicine, 2016, 8, 362ra143.	12.4	123
9	Toward integrated opisthorchiasis control in northeast Thailand: The Lawa project. Acta Tropica, 2015, 141, 361-367.	2.0	119
10	Ultrasonography assessment of hepatobiliary abnormalities in 3359 subjects with Opisthorchis viverrini infection in endemic areas of Thailand. Parasitology International, 2012, 61, 208-211.	1.3	102
11	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
12	Gene discovery for the carcinogenic human liver fluke, Opisthorchis viverrini. BMC Genomics, 2007, 8, 189.	2.8	90
13	A Portrait of the Transcriptome of the Neglected Trematode, Fasciola giganticaâ€"Biological and Biotechnological Implications. PLoS Neglected Tropical Diseases, 2011, 5, e1004.	3.0	84
14	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. PLoS Pathogens, 2015, 11, e1005209.	4.7	78
15	Improvement of PCR for Detection of Opisthorchis viverrini DNA in Human Stool Samples. Journal of Clinical Microbiology, 2008, 46, 366-368.	3.9	69
16	Programmed knockout mutation of liver fluke granulin attenuates virulence of infection-induced hepatobiliary morbidity. ELife, 2019, 8, .	6.0	61
17	Infection with the carcinogenic human liver fluke, Opisthorchis viverrini. Molecular BioSystems, 2011, 7, 1367.	2.9	60
18	Cathepsin F Cysteine Protease of the Human Liver Fluke, Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2009, 3, e398.	3.0	59

#	Article	IF	Citations
19	Molecular Characterization of a Tetraspanin from the Human Liver Fluke, Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2012, 6, e1939.	3.0	46
20	Mobile genetic elements colonizing the genomes of metazoan parasites. Trends in Parasitology, 2003, 19, 79-87.	3.3	44
21	Vaccination of hamsters with Opisthorchis viverrini extracellular vesicles and vesicle-derived recombinant tetraspanins induces antibodies that block vesicle uptake by cholangiocytes and reduce parasite burden after challenge infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007450.	3.0	43
22	Reverse transcriptase activity and untranslated region sharing of a new RTE-like, non-long terminal repeat retrotransposon from the human blood fluke, Schistosoma japonicum. International Journal for Parasitology, 2002, 32, 1163-1174.	3.1	39
23	Apoptosis of cholangiocytes modulated by thioredoxin of carcinogenic liver fluke. International Journal of Biochemistry and Cell Biology, 2015, 65, 72-80.	2.8	39
24	Suppression of mRNAs encoding CD63 family tetraspanins from the carcinogenic liver fluke Opisthorchis viverrini results in distinct tegument phenotypes. Scientific Reports, 2017, 7, 14342.	3.3	36
25	Asparaginyl endopeptidase from the carcinogenic liver fluke, Opisthorchis viverrini, and its potential for serodiagnosis. International Journal of Infectious Diseases, 2008, 12, e49-e59.	3.3	35
26	RNA interference targeting cathepsin B of the carcinogenic liver fluke, Opisthorchis viverrini. Parasitology International, 2011, 60, 283-288.	1.3	32
27	Temperature dependence of Opisthorchis viverrini infection in first intermediate host snail, Bithynia siamensis goniomphalos. Acta Tropica, 2015, 141, 112-117.	2.0	32
28	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
29	Opisthorchis viverrini Proteome and Hostâ€“Parasite Interactions. Advances in Parasitology, 2018, 102, 45-72.	3.2	30
30	Functional Analysis of the Unique Cytochrome P450 of the Liver Fluke Opisthorchis felineus. PLoS Neglected Tropical Diseases, 2015, 9, e0004258.	3.0	30
31	A Cross-Sectional Study on the Potential Transmission of the Carcinogenic Liver Fluke Opisthorchis viverrini and Other Fishborne Zoonotic Trematodes by Aquaculture Fish. Foodborne Pathogens and Disease, 2013, 10, 35-41.	1.8	29
32	Suppression of Ov-grn-1 encoding granulin of Opisthorchis viverrini inhibits proliferation of biliary epithelial cells. Experimental Parasitology, 2015, 148, 17-23.	1.2	29
33	Evaluation of liver fluke recombinant cathepsin B-1 protease as a serodiagnostic antigen for human opisthorchiasis. Parasitology International, 2012, 61, 191-195.	1.3	28
34	pido , a non-long terminal repeat retrotransposon of the chicken repeat 1 family from the genome of the Oriental blood fluke, Schistosoma japonicum. Gene, 2002, 284, 149-159.	2.2	27
35	Uptake of Schistosoma mansoni extracellular vesicles by human endothelial and monocytic cell lines and impact on vascular endothelial cell gene expression. International Journal for Parasitology, 2020, 50, 685-696.	3.1	27
36	Progress on the transcriptomics of carcinogenic liver flukes of humansâ€”Unique biological and biotechnological prospects. Biotechnology Advances, 2010, 28, 859-870.	11.7	26

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37	Gulliver, a long terminal repeat retrotransposon from the genome of the oriental blood fluke Schistosoma japonicum. Gene, 2001, 264, 59-68.	2.2	24
38	The bandit, a New DNA Transposon from a Hookwormâ€"Possible Horizontal Genetic Transfer between Host and Parasite. PLoS Neglected Tropical Diseases, 2007, 1, e35.	3.0	24
39	Characterization of cysteine proteases from the carcinogenic liver fluke, Opisthorchis viverrini. Parasitology Research, 2008, 102, 757-764.	1.6	24
40	Specific diagnosis of Opisthorchis viverrini using loop-mediated isothermal amplification (LAMP) targeting parasite microsatellites. Acta Tropica, 2015, 141, 368-371.	2.0	24
41	The fugitive LTR retrotransposon from the genome of the human blood fluke, Schistosoma mansoni. International Journal for Parasitology, 2004, 34, 1365-1375.	3.1	19
42	Molecular Changes in Opisthorchis viverrini (Southeast Asian Liver Fluke) during the Transition from the Juvenile to the Adult Stage. PLoS Neglected Tropical Diseases, 2012, 6, e1916.	3.0	19
43	Chicken IgY-based coproantigen capture ELISA for diagnosis of human opisthorchiasis. Parasitology International, 2017, 66, 443-447.	1.3	19
44	Proteomic characterization of the internalization of Opisthorchis viverrini excretory/secretory products in human cells. Parasitology International, 2017, 66, 494-502.	1.3	18
45	Liver fluke granulin promotes extracellular vesicle-mediated crosstalk and cellular microenvironment conducive to cholangiocarcinoma. Neoplasia, 2020, 22, 203-216.	5.3	18
46	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
47	Immunodiagnosis of opisthorchiasis using parasite cathepsin F. Parasitology Research, 2015, 114, 4571-4578.	1.6	17
48	Recombinant Opisthorchis viverrini tetraspanin expressed in Pichia pastoris as a potential vaccine candidate for opisthorchiasis. Parasitology Research, 2019, 118, 3419-3427.	1.6	16
49	Characterization of SR3 reveals abundance of non-LTR retrotransposons of the RTE clade in the genome of the human blood fluke, Schistosoma mansoni. BMC Genomics, 2005, 6, 154.	2.8	15
50	RNA-Seq Reveals Infection-Induced Gene Expression Changes in the Snail Intermediate Host of the Carcinogenic Liver Fluke, Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2014, 8, e2765.	3.0	14
51	Immunomics-guided discovery of serum and urine antibodies for diagnosing urogenital schistosomiasis: a biomarker identification study. Lancet Microbe, The, 2021, 2, e617-e626.	7.3	14
52	Phylogenetic relationships within the Opisthorchis viverrini species complex with specific analysis of O. viverrini sensu lato from Sakon Nakhon, Thailand by mitochondrial and nuclear DNA sequencing. Infection, Genetics and Evolution, 2018, 62, 86-94.	2.3	13
53	Effects of Opisthorchis viverrini infection on glucose and lipid profiles in human hosts: A cross-sectional and prospective follow-up study from Thailand. Parasitology International, 2020, 75, 102000.	1.3	13
54	Suppression of aquaporin, a mediator of water channel control in the carcinogenic liver fluke, Opisthorchis viverrini. Parasites and Vectors, 2014, 7, 224.	2.5	12

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55	Identification and characterization of protein 14-3-3 in carcinogenic liver fluke Opisthorchis viverrini. Parasitology International, 2017, 66, 426-431.	1.3	12
56	Orally Administered Bacillus Spores Expressing an Extracellular Vesicle-Derived Tetraspanin Protect Hamsters Against Challenge Infection With Carcinogenic Human Liver Fluke. Journal of Infectious Diseases, 2021, 223, 1445-1455.	4.0	12
57	Levels of 8-OxodG Predict Hepatobiliary Pathology in Opisthorchis viverrini Endemic Settings in Thailand. PLoS Neglected Tropical Diseases, 2015, 9, e0003949.	3.0	12
58	Decreased risk of cholangiocarcinogenesis following repeated cycles of Opisthorchis viverrini infection-praziquantel treatment: Magnetic Resonance Imaging (MRI) and histopathological study in a hamster model. Parasitology International, 2017, 66, 464-470.	1.3	11
59	Infection Dynamics of Opisthorchis viverrini Metacercariae in Cyprinid Fishes from Two Endemic Areas in Thailand and Lao PDR. American Journal of Tropical Medicine and Hygiene, 2020, 102, 110-116.	1.4	11
60	Preliminary genetic evidence of two different populations of Opisthorchis viverrini in Lao PDR. Parasitology Research, 2017, 116, 1247-1256.	1.6	10
61	Hepatobiliary morbidities detected by ultrasonography in Opisthorchis viverrini-infected patients before and after praziquantel treatment: a five-year follow up study. Acta Tropica, 2021, 217, 105853.	2.0	10
62	Silencing of Opisthorchis viverrini Tetraspanin Gene Expression Results in Reduced Secretion of Extracellular Vesicles. Frontiers in Cellular and Infection Microbiology, 2022, 12, 827521.	3.9	10
63	Monoclonal Antibodies Targeting an Opisthorchis viverrini Extracellular Vesicle Tetraspanin Protect Hamsters against Challenge Infection. Vaccines, 2021, 9, 740.	4.4	9
64	Characterization and localization of Opisthorchis viverrini fructose-1,6-bisphosphate aldolase. Parasitology International, 2017, 66, 413-418.	1.3	8
65	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
66	The dingo non-long terminal repeat retrotransposons from the genome of the hookworm, Ancylostoma caninum. Experimental Parasitology, 2006, 113, 142-153.	1.2	7
67	Characterization and functional analysis of fatty acid binding protein from the carcinogenic liver fluke, Opisthorchis viverrini. Parasitology International, 2017, 66, 419-425.	1.3	7
68	Impact of geography and time on genetic clusters of Opisthorchis viverrini identified by microsatellite and mitochondrial DNA analysis. International Journal for Parasitology, 2020, 50, 1133-1144.	3.1	7
69	Partial protection with a chimeric tetraspanin-leucine aminopeptidase subunit vaccine against Opisthorchis viverrini infection in hamsters. Acta Tropica, 2020, 204, 105355.	2.0	7
70	Analysis of Daily Variation for 3 and for 30 Days of Parasite-Specific IgG in Urine for Diagnosis of Strongyloidiasis by Enzyme-Linked Immunosorbent Assay. Acta Tropica, 2021, 218, 105896.	2.0	7
71	Helicobacter pylori GroEL Seropositivity Is Associated with an Increased Risk of Opisthorchis viverrini-Associated Hepatobiliary Abnormalities and Cholangiocarcinoma. Korean Journal of Parasitology, 2021, 59, 363-368.	1.3	7
72	Retrotransposon OV-RTE-1 from the carcinogenic liver fluke Opisthorchis viverrini: Potential target for DNA-based diagnosis. Infection, Genetics and Evolution, 2014, 21, 443-451.	2.3	6

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73	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
74	Effects of aestivation on survival of Bithynia siamensis goniomphalos snails and the infection of Opisthorchis viverrini in the irrigation area of wet- and dry-season rice paddy. Acta Tropica, 2019, 192, 55-60.	2.0	5
75	Granulin Expression in Hamsters during Opisthorchis viverrini Infection-Induced Cholangiocarcinogenesis. Asian Pacific Journal of Cancer Prevention, 2018, 19, 2437-2445.	1.2	5
76	Phylogeography and demographic history of Thai Pediculus humanus capitis (Phthiraptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Tc 104825.	2.3	4
77	Repeated Ivermectin Treatment Induces Ivermectin Resistance in Strongyloides ratti by Upregulating the Expression of ATP-Binding Cassette Transporter Genes. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1117-1123.	1.4	2
78	Neglected and Emerging Tropical Diseases in South and Southeast Asia and Northern Australia. Tropical Medicine and Infectious Disease, 2018, 3, 70.	2.3	0
79	RNA Interference as an Approach to Functional Genomics Genetic Manipulation of Opisthorchis viverrini. Advances in Parasitology, 2018, 102, 25-43.	3.2	0