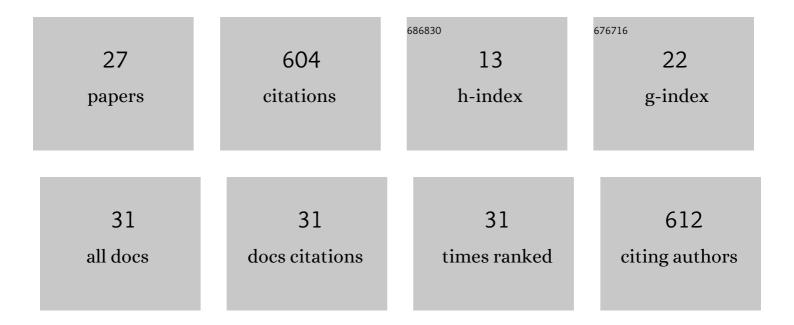
## John D Chan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9568644/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A Novel Biological Activity of Praziquantel Requiring Voltage-Operated Ca2+ Channel β Subunits: Subversion of Flatworm Regenerative Polarity. PLoS Neglected Tropical Diseases, 2009, 3, e464.	1.3	101
2	The anthelmintic drug praziquantel activates a schistosome transient receptor potential channel. Journal of Biological Chemistry, 2019, 294, 18873-18880.	1.6	81
3	The anthelmintic praziquantel is a human serotoninergic G-protein-coupled receptor ligand. Nature Communications, 2017, 8, 1910.	5.8	66
4	Ca2+ channels and praziquantel: A view from the free world. Parasitology International, 2013, 62, 619-628.	0.6	55
5	Opposing Roles of Voltage-Gated Ca <sup>2+</sup> Channels in Neuronal Control of Regenerative Patterning. Journal of Neuroscience, 2011, 31, 15983-15995.	1.7	47
6	â€~Death and Axes': Unexpected Ca2+ Entry Phenologs Predict New Anti-schistosomal Agents. PLoS Pathogens, 2014, 10, e1003942.	2.1	38
7	A Miniaturized Screen of a Schistosoma mansoni Serotonergic G Protein-Coupled Receptor Identifies Novel Classes of Parasite-Selective Inhibitors. PLoS Pathogens, 2016, 12, e1005651.	2.1	30
8	Unique pharmacological properties of serotoninergic G-protein coupled receptors from cestodes. PLoS Neglected Tropical Diseases, 2018, 12, e0006267.	1.3	24
9	Ergot Alkaloids (Re)generate New Leads as Antiparasitics. PLoS Neglected Tropical Diseases, 2015, 9, e0004063.	1.3	20
10	Pharmacological profiling an abundantly expressed schistosome serotonergic GPCR identifies nuciferine as a potent antagonist. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 364-370.	1.4	19
11	Kinetic profiling an abundantly expressed planarian serotonergic GPCR identifies bromocriptine as a perdurant antagonist. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 356-363.	1.4	17
12	Utilizing the planarian voltage-gated ion channel transcriptome to resolve a role for a Ca 2+ channel in neuromuscular function and regeneration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1036-1045.	1.9	17
13	Pharmacological and Functional Genetic Assays to Manipulate Regeneration of the Planarian <em>Dugesia japonica</em> . Journal of Visualized Experiments, 2011, , .	0.2	15
14	High-content approaches to anthelmintic drug screening. Trends in Parasitology, 2021, 37, 780-789.	1.5	14
15	Dataset for a Dugesia japonica de novo transcriptome assembly, utilized for defining the voltage-gated like ion channel superfamily. Data in Brief, 2016, 9, 1044-1047.	0.5	12
16	Coalescing beneficial host and deleterious antiparasitic actions as an antischistosomal strategy. ELife, 2018, 7, .	2.8	12
17	Structure-activity profiling of alkaloid natural product pharmacophores against a Schistosoma serotonin receptor. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 550-558.	1.4	11
18	Schistosoma mansoni alter transcription of immunomodulatory gene products following in vivo praziquantel exposure. PLoS Neglected Tropical Diseases, 2021, 15, e0009200.	1.3	6

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#	Article	IF	CITATIONS
19	Non-sedating benzodiazepines cause paralysis and tissue damage in the parasitic blood fluke Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2019, 13, e0007826.	1.3	5
20	Making Heads or Tails: Planarian Stem Cells in the Classroom. Journal of Microbiology and Biology Education, 2014, 15, 18-25.	0.5	4
21	Anti-schistosomal action of the calcium channel agonist FPL-64176. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 11, 30-38.	1.4	4
22	Characterization of a flatworm inositol (1,4,5) trisphosphate receptor (IP3R) reveals a role in reproductive physiology. Cell Calcium, 2013, 53, 307-314.	1.1	1
23	Psychoactive Drugs as a Route to Development of Novel Antiâ€parasitic Agents. FASEB Journal, 2017, 31, .	0.2	0
24	Title is missing!. , 2019, 13, e0007826.		0
25	Title is missing!. , 2019, 13, e0007826.		0
26	Title is missing!. , 2019, 13, e0007826.		0
27	Title is missing!. , 2019, 13, e0007826.		0