

# John D Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

604  
citations

686830

13  
h-index

676716

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

612  
citing authors

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

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19	Non-sedating benzodiazepines cause paralysis and tissue damage in the parasitic blood fluke <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007826.	1.3	5
20	Making Heads or Tails: Planarian Stem Cells in the Classroom. <i>Journal of Microbiology and Biology Education</i> , 2014, 15, 18-25.	0.5	4
21	Anti-schistosomal action of the calcium channel agonist FPL-64176. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 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. <i>Cell Calcium</i> , 2013, 53, 307-314.	1.1	1
23	Psychoactive Drugs as a Route to Development of Novel Anti-Parasitic Agents. <i>FASEB Journal</i> , 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