

Conor R Caffrey

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/39444467/conor-r-caffrey-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

2,604
citations

27
h-index

49
g-index

124
ext. papers

3,189
ext. citations

5.2
avg, IF

4.92
L-index

#	Paper	IF	Citations
118	Brazilian green propolis reduces worm burden and hepatic granuloma formation in a <i>Schistosoma mansoni</i> experimental murine model.. <i>Parasitology Research</i> , 2022 , 121, 775	2.4	
117	Biomechanical interactions of <i>Schistosoma mansoni</i> eggs with vascular endothelial cells facilitate egg extravasation.. <i>PLoS Pathogens</i> , 2022 , 18, e1010309	7.6	0
116	Lead Optimization of 3,5-Disubstituted-7-Azaindoles for the Treatment of Human African Trypanosomiasis. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 9404-9430	8.3	1
115	Druggable Hot Spots in the Schistosomiasis Cathepsin B1 Target Identified by Functional and Binding Mode Analysis of Potent Vinyl Sulfone Inhibitors. <i>ACS Infectious Diseases</i> , 2021 , 7, 1077-1088	5.5	2
114	Azanitrile Inhibitors of the SmCB1 Protease Target Are Lethal to : Structural and Mechanistic Insights into Chemotype Reactivity. <i>ACS Infectious Diseases</i> , 2021 , 7, 189-201	5.5	4
113	Congeners Derived from Microtubule-Active Phenylpyrimidines Produce a Potent and Long-Lasting Paralysis of In Vitro. <i>ACS Infectious Diseases</i> , 2021 , 7, 1089-1103	5.5	3
112	Understanding the key processes of excellence as a prerequisite to establishing academic centres of excellence in Africa. <i>BMC Medical Education</i> , 2021 , 21, 36	3.3	2
111	A Machine Learning Strategy for Drug Discovery Identifies Anti-Schistosomal Small Molecules. <i>ACS Infectious Diseases</i> , 2021 , 7, 406-420	5.5	8
110	Antiparasitic Properties of Propolis Extracts and Their Compounds. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2100310	2.5	3
109	Structure-Based Optimization of Quinazolines as Cruzain and CATL Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13054-13071	8.3	6
108	Should the enzyme name ThodesainTbe discontinued?. <i>Molecular and Biochemical Parasitology</i> , 2021 , 245, 111395	1.9	1
107	Anti-schistosomal activities of quinoxaline-containing compounds: From hit identification to lead optimisation. <i>European Journal of Medicinal Chemistry</i> , 2021 , 226, 113823	6.8	1
106	Uncovering Biological Application of Brazilian Green Propolis: A Phenotypic Screening against <i>Schistosoma mansoni</i> . <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000277	2.5	1
105	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008150	4.8	8
104	Isoforms of Cathepsin B1 in Neurotropic Schistosomula of Differ in Substrate Preferences and a Highly Expressed Catalytically Inactive Paralog Binds Cystatin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 66	5.9	2
103	Design, synthesis, and evaluation of aza-peptide aldehydes and ketones as novel and selective protease inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 1387-1402	5.6	1
102	Efficacy, metabolism and pharmacokinetics of Ro 15-5458, a forgotten schistosomicidal 9-acridanone hydrazone. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2925-2932	5.1	3

101	Synthesis and Bioactivity of Phthalimide Analogs as Potential Drugs to Treat Schistosomiasis, a Neglected Disease of Poverty. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
100	Novel and selective inactivators of Triosephosphate isomerase with anti-trematode activity. <i>Scientific Reports</i> , 2020 , 10, 2587	4.9	5
99	Structure-Bioactivity Relationships of Lapatinib Derived Analogs against. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 258-265	4.3	1
98	A multi-dimensional, time-lapse, high content screening platform applied to schistosomiasis drug discovery. <i>Communications Biology</i> , 2020 , 3, 747	6.7	5
97	Hit-to-Lead Optimization of Benzoxazepinoindazoles As Human African Trypanosomiasis Therapeutics. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 2527-2546	8.3	6
96	Selectivity and Physicochemical Optimization of Repurposed Pyrazolo[1,5-]pyridazines for the Treatment of Human African Trypanosomiasis. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 756-783	8.3	6
95	A single-cell RNA-seq atlas of identifies a key regulator of blood feeding. <i>Science</i> , 2020 , 369, 1644-1649	33.3	35
94	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
93	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
92	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
91	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
90	Drug Discovery and Development for Schistosomiasis. <i>Methods and Principles in Medicinal Chemistry</i> , 2019 , 187-225	0.4	8
89	Benzimidazole inhibitors of the major cysteine protease of. <i>Future Medicinal Chemistry</i> , 2019 , 11, 1537-1551	4.1	5
88	A secreted schistosome cathepsin B1 cysteine protease and acute schistosome infection induce a transient T helper 17 response. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007070	4.8	9
87	Discovery and characterization of trypanocidal cysteine protease inhibitors from the <i>Tnalaria</i> boxT. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 765-778	6.8	7
86	Bioactivity of Farnesyltransferase Inhibitors Against and. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 180	5.9	6
85	Evaluation of a class of isatinoids identified from a high-throughput screen of human kinase inhibitors as anti-Sleeping Sickness agents. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007129	4.8	3
84	Quantifying the mechanics of locomotion of the schistosome pathogen with respect to changes in its physical environment. <i>Journal of the Royal Society Interface</i> , 2019 , 16, 20180675	4.1	6

83	Development and optimization of a high-throughput screening method utilizing <i>Ancylostoma ceylanicum</i> egg hatching to identify novel anthelmintics. <i>PLoS ONE</i> , 2019 , 14, e0217019	3.7	4
82	The Proteasome as a Drug Target in the Metazoan Pathogen,. <i>ACS Infectious Diseases</i> , 2019 , 5, 1802-1813	3.5	15
81	Molecular characterization and functional analysis of the <i>Schistosoma mekongi</i> Ca-dependent cysteine protease (calpain). <i>Parasites and Vectors</i> , 2019 , 12, 383	4	5
80	Multi-center screening of the Pathogen Box collection for schistosomiasis drug discovery. <i>Parasites and Vectors</i> , 2019 , 12, 493	4	10
79	Sertraline, Paroxetine, and Chlorpromazine Are Rapidly Acting Anthelmintic Drugs Capable of Clinical Repurposing. <i>Scientific Reports</i> , 2018 , 8, 975	4.9	39
78	SmSP2: A serine protease secreted by the blood fluke pathogen <i>Schistosoma mansoni</i> with anti-hemostatic properties. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006446	4.8	17
77	Substrate Specificity of Cysteine Proteases Beyond the S Pocket: Mutagenesis and Molecular Dynamics Investigation of Cathepsins L. <i>Frontiers in Molecular Biosciences</i> , 2018 , 5, 40	5.6	6
76	Effect of Phenotypic Screening of Extracts and Fractions of Leaf and Stem Bark on Immature and Adult Stages of. <i>Journal of Parasitology Research</i> , 2018 , 2018, 9431467	1.9	9
75	Cysteine proteases as digestive enzymes in parasitic helminths. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0005840	4.8	43
74	High Throughput and Computational Repurposing for Neglected Diseases. <i>Pharmaceutical Research</i> , 2018 , 36, 27	4.5	33
73	Octopamine signaling in the metazoan pathogen : localization, small-molecule screening and opportunities for drug development. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	5
72	TPT sulfonate, a single, oral dose schistosomicidal prodrug: In vivo efficacy, disposition and metabolic profiling. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018 , 8, 571-586	4	6
71	Cysteine proteases during larval migration and development of helminths in their final host. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0005919	4.8	18
70	Brain-Penetrant Triazolopyrimidine and Phenylpyrimidine Microtubule Stabilizers as Potential Leads to Treat Human African Trypanosomiasis. <i>ChemMedChem</i> , 2018 , 13, 1751-1754	3.7	11
69	Targeting proteasomes in infectious organisms to combat disease. <i>FEBS Journal</i> , 2017 , 284, 1503-1517	5.7	32
68	Phenotypic, chemical and functional characterization of cyclic nucleotide phosphodiesterase 4 (PDE4) as a potential anthelmintic drug target. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005680	4.8	29
67	Excretion/secretion products from <i>Schistosoma mansoni</i> adults, eggs and schistosomula have unique peptidase specificity profiles. <i>Biochimie</i> , 2016 , 122, 99-109	4.6	23
66	Anthelmintic drug discovery: Into the future 2016 , 215-228		

65	Odanacatib, a Cathepsin K Cysteine Protease Inhibitor, Kills Hookworm In Vivo. <i>Pharmaceuticals</i> , 2016 , 9,	5.2	6
64	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016 , 12, e1005763	7.6	167
63	Structure-Bioactivity Relationship for Benzimidazole Thiophene Inhibitors of Polo-Like Kinase 1 (PLK1), a Potential Drug Target in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004356	4.8	40
62	Evaluation of the CCA Immuno-Chromatographic Test to Diagnose <i>Schistosoma mansoni</i> in Minas Gerais State, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004357	4.8	16
61	Sex-Biased Transcriptome of <i>Schistosoma mansoni</i> : Host-Parasite Interaction, Genetic Determinants and Epigenetic Regulators Are Associated with Sexual Differentiation. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004930	4.8	38
60	Synthesis of a sugar-based thiosemicarbazone series and structure-activity relationship versus the parasite cysteine proteases rhodesain, cruzain, and <i>Schistosoma mansoni</i> cathepsin B1. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2666-77	5.9	45
59	<i>Caenorhabditis elegans</i> is a useful model for anthelmintic discovery. <i>Nature Communications</i> , 2015 , 6, 7485	17.4	103
58	Prolyl Oligopeptidase from the Blood Fluke <i>Schistosoma mansoni</i> : From Functional Analysis to Anti-schistosomal Inhibitors. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003827	4.8	26
57	The QDREC web server: determining dose-response characteristics of complex macroparasites in phenotypic drug screens. <i>Bioinformatics</i> , 2015 , 31, 1515-8	7.2	14
56	Regulation of <i>Schistosoma mansoni</i> development and reproduction by the mitogen-activated protein kinase signaling pathway. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2949	4.8	40
55	Trypsin- and Chymotrypsin-like serine proteases in <i>Schistosoma mansoni</i> -- The undiscovered country? <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2766	4.8	24
54	Serum albumin and H1 acid glycoprotein impede the killing of <i>Schistosoma mansoni</i> by the tyrosine kinase inhibitor Imatinib. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014 , 4, 287-95	4.5	29
53	Activation route of the <i>Schistosoma mansoni</i> cathepsin B1 drug target: structural map with a glycosaminoglycan switch. <i>Structure</i> , 2014 , 22, 1786-1798	5.2	23
52	Chemical and genetic validation of the statin drug target to treat the helminth disease, schistosomiasis. <i>PLoS ONE</i> , 2014 , 9, e87594	3.7	51
51	Mechanism-Based Screening Strategies for Anthelmintic Discovery 2012 , 121-134		5
50	Antinematodal Drugs [Modes of Action and Resistance: And Worms Will Not Come to Thee (Shakespeare: Cymbeline: IV, ii) 2012 , 233-249		6
49	Discovery, Mode of Action, and Commercialization of Derquantel 2012 , 297-307		5
48	Mechanisms of Immune Modulation by <i>Fasciola hepatica</i> : Importance for Vaccine Development and for Novel Immunotherapeutics 2012 , 451-463		

47	Prospects for Immunoprophylaxis Against <i>Fasciola hepatica</i> (Liver Fluke) 2012 , 465-484		5
46	Integrating and Mining Helminth Genomes to Discover and Prioritize Novel Therapeutic Targets 2012 , 43-59		7
45	RNA Interference as a Tool for Drug Discovery in Parasitic Flatworms 2012 , 105-119		
44	Promise of <i>Bacillus thuringiensis</i> Crystal Proteins as Anthelmintics 2012 , 267-281		5
43	Cure of hookworm infection with a cysteine protease inhibitor. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1680	4.8	24
42	How Relevant is <i>Caenorhabditis elegans</i> as a Model for the Analysis of Parasitic Nematode Biology? 2012 , 23-41		4
41	Mapping the pro-peptide of the <i>Schistosoma mansoni</i> cathepsin B1 drug target: modulation of inhibition by heparin and design of mimetic inhibitors. <i>ACS Chemical Biology</i> , 2011 , 6, 609-17	4.9	24
40	Structural basis for inhibition of cathepsin B drug target from the human blood fluke, <i>Schistosoma mansoni</i> . <i>Journal of Biological Chemistry</i> , 2011 , 286, 35770-35781	5.4	51
39	Drug Discovery Approaches toward Anti-Parasitic Agents 2011 , 1-20		4
38	RNA interference in <i>Schistosoma mansoni</i> schistosomula: selectivity, sensitivity and operation for larger-scale screening. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e850	4.8	95
37	Chapter 4. Peptidases of trematodes. <i>Advances in Parasitology</i> , 2009 , 69, 205-97	3.2	59
36	SmCL3, a gastrodermal cysteine protease of the human blood fluke <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2009 , 3, e449	4.8	42
35	Differential use of protease families for invasion by schistosome cercariae. <i>Biochimie</i> , 2008 , 90, 345-58	4.6	87
34	Chemical Composition and Cruzain Inhibitory Activity of <i>Croton draco</i> Bark Essential Oil from Monteverde, Costa Rica. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700200	0.9	3
33	Cruzain Inhibitory Activity of Leaf Essential Oils of Neotropical Lauraceae and Essential Oil Components. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700201	0.9	12
32	3-O-(3?-Hydroxytetradecanoyl)lupeol from <i>Sorocea trophoides</i> Inhibits Cruzain. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700200	0.9	5
31	Inhibition of Cruzain by Triterpenoids Isolated from a <i>Salacia</i> Species from Monteverde, Costa Rica. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700201	0.9	4
30	Chemotherapy of schistosomiasis: present and future. <i>Current Opinion in Chemical Biology</i> , 2007 , 11, 433-9	9.7	226

29	Schistosomiasis mansoni: novel chemotherapy using a cysteine protease inhibitor. <i>PLoS Medicine</i> , 2007 , 4, e14	11.6	199
28	A multienzyme network functions in intestinal protein digestion by a platyhelminth parasite. <i>Journal of Biological Chemistry</i> , 2006 , 281, 39316-29	5.4	180
27	Multiple cathepsin B isoforms in schistosomula of <i>Trichobilharzia regenti</i> : identification, characterisation and putative role in migration and nutrition. <i>International Journal for Parasitology</i> , 2005 , 35, 895-910	4.3	40
26	Blood Tguts: an update on schistosome digestive peptidases. <i>Trends in Parasitology</i> , 2004 , 20, 241-8	6.4	125
25	Functional expression and characterization of <i>Schistosoma mansoni</i> cathepsin B and its trans-activation by an endogenous asparaginyl endopeptidase. <i>Molecular and Biochemical Parasitology</i> , 2003 , 131, 65-75	1.9	128
24	SmCB2, a novel tegumental cathepsin B from adult <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2002 , 121, 49-61	1.9	63
23	Screening of acyl hydrazide proteinase inhibitors for antiparasitic activity against <i>Trypanosoma brucei</i> . <i>International Journal of Antimicrobial Agents</i> , 2002 , 19, 227-31	14.3	25
22	Identification of a cDNA encoding an active asparaginyl endopeptidase of <i>Schistosoma mansoni</i> and its expression in <i>Pichia pastoris</i> . <i>FEBS Letters</i> , 2000 , 466, 244-8	3.8	52
21	Chemotherapeutic Development Strategies for Schistosomiasis299-321		2
20	A single-cell RNAseq atlas of the pathogenic stage of <i>Schistosoma mansoni</i> identifies a key regulator of blood feeding		8
19	Praziquantel: Too Good to be Replaced?309-321		
18	Barefoot thruTthe Valley of Darkness: Preclinical Development of a Human Hookworm Vaccine341-356		1
17	Schistosomiasis Vaccines - New Approaches to Antigen Discovery and Promising New Candidates421-433		
16	Vaccines Linked to Chemotherapy: A New Approach to Control Helminth Infections357-375		0
15	RNA Interference: A Potential Discovery Tool for Therapeutic Targets of Parasitic Nematodes89-103		
14	Vaccines Against Cestode Parasites485-503		
13	Antifilarial Vaccine Development: Present and Future Approaches377-398		
12	Sm14 <i>Schistosoma mansoni</i> Fatty Acid-Binding Protein: Molecular Basis for an Antihelminth Vaccine435-449		

11	Ligand-Gated Ion Channels as Targets for Anthelmintic Drugs: Past, Current, and Future Perspectives1-21	3
10	Quantitative High-Content Screening-Based Drug Discovery against Helmintic Diseases159-179	2
9	Use of Rodent Models in the Discovery of Novel Anthelmintics181-199	6
8	To Kill a Mocking Worm: Strategies to Improve <i>Caenorhabditis elegans</i> as a Model System for use in Anthelmintic Discovery201-216	2
7	Anthelmintic Drugs: Tools and Shortcuts for the Long Road from Discovery to Product217-232	3
6	Drugs and Targets to Perturb the Symbiosis of <i>Wolbachia</i> and Filarial Nematodes251-265	2
5	Monepantel: From Discovery to Mode of Action283-296	1
4	Proteases as Vaccines Against Gastrointestinal Nematode Parasites of Sheep and Cattle399-420	2
3	Recent Progress in Transcriptomics of Key Gastrointestinal Nematodes of Animals [Fundamental Research Toward New Intervention Strategies61-72	1
2	Harnessing Genomic Technologies to Explore the Molecular Biology of Liver Flukes-Major Implications for Fundamental and Applied Research73-87	1
1	Identification and Profiling of Nematicidal Compounds in Veterinary Parasitology135-157	2