

Christoph G Grevelding

List of Publications by Year in descending order

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108
papers

3,142
citations

136950

32
h-index

197818

49
g-index

113
all docs

113
docs citations

113
times ranked

2661
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosing Schistosomiasis by Detection of Cell-Free Parasite DNA in Human Plasma. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e422.	3.0	166
2	A stress-responsive glutathione S-transferase confers resistance to oxidative stress in <i>Caenorhabditis elegans</i> . <i>Free Radical Biology and Medicine</i> , 2003, 34, 1405-1415.	2.9	162
3	Stable T-bet+GATA-3+ Th1/Th2 Hybrid Cells Arise In Vivo, Can Develop Directly from Naive Precursors, and Limit Immunopathologic Inflammation. <i>PLoS Biology</i> , 2013, 11, e1001633.	5.6	147
4	Schistosome sex matters: a deep view into gonad-specific and pairing-dependent transcriptomes reveals a complex gender interplay. <i>Scientific Reports</i> , 2016, 6, 31150.	3.3	118
5	The Syk Kinase SmTK4 of <i>Schistosoma mansoni</i> Is Involved in the Regulation of Spermatogenesis and Oogenesis. <i>PLoS Pathogens</i> , 2010, 6, e1000769.	4.7	83
6	Single-copy T-DNA insertions in <i>Arabidopsis</i> are the predominant form of integration in root-derived transgenics, whereas multiple insertions are found in leaf discs. <i>Plant Molecular Biology</i> , 1993, 23, 847-860.	3.9	81
7	HSP70-controlled GFP expression in transiently transformed schistosomes. <i>Molecular and Biochemical Parasitology</i> , 2002, 120, 141-150.	1.1	70
8	Piggy-backing the concept of cancer drugs for schistosomiasis treatment: a tangible perspective?. <i>Trends in Parasitology</i> , 2011, 27, 59-66.	3.3	67
9	The female-specific W1 sequence of the Puerto Rican strain of <i>Schistosoma mansoni</i> occurs in both genders of a Liberian strain. <i>Molecular and Biochemical Parasitology</i> , 1995, 71, 269-272.	1.1	65
10	Herbimycin A suppresses mitotic activity and egg production of female <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2006, 36, 1261-1272.	3.1	63
11	Tyrosine kinase and cooperative TGF β signaling in the reproductive organs of <i>Schistosoma mansoni</i> . <i>Experimental Parasitology</i> , 2007, 117, 318-336.	1.2	63
12	A maize Ds transposable element containing a dihydrofolate reductase gene transposes in <i>Nicotiana tabacum</i> and <i>Arabidopsis thaliana</i> . <i>Molecular Genetics and Genomics</i> , 1989, 219, 461-466.	2.4	58
13	Characterisation of the cysteine protease ER60 in transgenic <i>Schistosoma mansoni</i> larvae. <i>International Journal for Parasitology</i> , 2002, 32, 1219-1224.	3.1	53
14	A gene expression atlas of adult <i>Schistosoma mansoni</i> and their gonads. <i>Scientific Data</i> , 2017, 4, 170118.	5.3	52
15	The <i>Schistosoma mansoni</i> Src kinase TK3 is expressed in the gonads and likely involved in cytoskeletal organization. <i>Molecular and Biochemical Parasitology</i> , 2004, 138, 171-182.	1.1	51
16	Genomic instability in <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 101, 207-216.	1.1	50
17	<i>Schistosoma mansoni</i> Polo-like kinase 1: A mitotic kinase with key functions in parasite reproduction. <i>International Journal for Parasitology</i> , 2010, 40, 1075-1086.	3.1	48
18	Kinases: Molecular Stage Directors for Schistosome Development and Differentiation. <i>Trends in Parasitology</i> , 2018, 34, 246-260.	3.3	48

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19	Transcriptome Analyses of Inhibitor-treated Schistosome Females Provide Evidence for Cooperating Src-kinase and TGF β 2 Receptor Pathways Controlling Mitosis and Eggshell Formation. <i>PLoS Pathogens</i> , 2013, 9, e1003448.	4.7	46
20	A novel Syk-family tyrosine kinase from <i>Schistosoma mansoni</i> which is preferentially transcribed in reproductive organs. <i>Gene</i> , 2002, 294, 87-97.	2.2	43
21	Venus Kinase Receptors Control Reproduction in the Platyhelminth Parasite <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004138.	4.7	43
22	The uptake of Texas Red-BSA in the excretory system of schistosomes and its colocalisation with ER60 promoter-induced GFP in transiently transformed adult males. <i>International Journal for Parasitology</i> , 2003, 33, 1139-1143.	3.1	42
23	Characterization of the Src/Abl Hybrid Kinase SmTK6 of <i>Schistosoma mansoni</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 42325-42336.	3.4	41
24	Combinatory Microarray and SuperSAGE Analyses Identify Pairing-Dependently Transcribed Genes in <i>Schistosoma mansoni</i> Males, Including Follistatin. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2532.	3.0	40
25	Inhibitory activities of the marine streptomycete-derived compound SF2446A2 against <i>Chlamydia trachomatis</i> and <i>Schistosoma mansoni</i> . <i>Journal of Antibiotics</i> , 2015, 68, 674-679.	2.0	40
26	<i>Schistosoma mansoni</i> Egg-associated Secreted Antigens Activate Hepatocellular Carcinoma-associated Transcription Factors c-Jun and STAT3 in Hamster and Human Hepatocytes. <i>Hepatology</i> , 2020, 72, 626-641.	7.3	39
27	Protein kinases as potential targets for novel anti-schistosomal strategies. <i>Current Pharmaceutical Design</i> , 2012, 18, 3579-94.	1.9	39
28	Biolistic transformation of <i>Schistosoma mansoni</i> with 5' flanking regions of two peptidase genes promotes tissue-specific expression. <i>International Journal for Parasitology</i> , 2005, 35, 583-589.	3.1	37
29	<i>Schistosoma mansoni</i> : Germ-line transformation approaches and actin-promoter analysis. <i>Experimental Parasitology</i> , 2007, 117, 292-303.	1.2	37
30	The Formin-Homology Protein SmDia Interacts with the Src Kinase SmTK and the GTPase SmRho1 in the Gonads of <i>Schistosoma mansoni</i> . <i>PLoS ONE</i> , 2009, 4, e6998.	2.5	37
31	Arylmethylamino steroids as antiparasitic agents. <i>Nature Communications</i> , 2017, 8, 14478.	12.8	36
32	Schistosomiasis and the molecular biology of the male-female interaction of <i>S. mansoni</i> . <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2006, 119, 365-72.	0.7	35
33	Whole-Organ Isolation Approach as a Basis for Tissue-Specific Analyses in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2336.	3.0	34
34	Imatinib Treatment Causes Substantial Transcriptional Changes in Adult <i>Schistosoma mansoni</i> In Vitro Exhibiting Pleiotropic Effects. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2923.	3.0	34
35	Serum albumin and α -1 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, 287-295.	3.4	34
36	<i>Schistosoma</i> . <i>Current Biology</i> , 2004, 14, R545.	3.9	32

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37	Molecular and functional characterisation of the heat shock protein 10 of <i>Strongyloides ratti</i> . <i>Molecular and Biochemical Parasitology</i> , 2009, 168, 149-157.	1.1	32
38	Chemotherapy for Fighting Schistosomiasis: Past, Present and Future. <i>ChemMedChem</i> , 2018, 13, 2374-2389.	3.2	32
39	Cloning of 5' and 3' flanking regions of the <i>Schistosoma mansoni</i> calcineurin A gene and their characterization in transiently transformed parasites. <i>Molecular and Biochemical Parasitology</i> , 2003, 130, 133-138.	1.1	31
40	Evolution of gene dosage on the Z-chromosome of schistosome parasites. <i>ELife</i> , 2018, 7, .	6.0	31
41	Gonad RNA-specific qRT-PCR analyses identify genes with potential functions in schistosome reproduction such as SmFz1 and SmFGFRs. <i>Frontiers in Genetics</i> , 2014, 5, 170.	2.3	30
42	Improved method for the transformation of <i>Arabidopsis thaliana</i> with chimeric dihydrofolate reductase constructs which confer methotrexate resistance. <i>Plant Cell Reports</i> , 1992, 11, 118-21.	5.6	29
43	Re-positioning protein-kinase inhibitors against schistosomiasis. <i>Future Medicinal Chemistry</i> , 2015, 7, 737-752.	2.3	28
44	Tissue-specific transcriptome analyses provide new insights into GPCR signalling in adult <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2018, 14, e1006718.	4.7	28
45	Experimental infection of South American camelids with bluetongue virus serotype 8. <i>Veterinary Microbiology</i> , 2012, 154, 257-265.	1.9	27
46	Cytological and biochemical evidence for a gonad-preferential interplay of SmFKBP12 and SmT ² R-I in <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 138, 227-236.	1.1	26
47	Development of Adult Worms and Granulomatous Pathology Are Collectively Regulated by T- and B-Cells in Mice Infected with <i>Schistosoma japonicum</i> . <i>PLoS ONE</i> , 2013, 8, e54432.	2.5	25
48	Drug-Induced Exposure of <i>Schistosoma mansoni</i> Antigens SmCD59a and SmKK7. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003593.	3.0	25
49	Lipid Topography in <i>Schistosoma mansoni</i> Cryosections, Revealed by Microembedding and High-Resolution Atmospheric-Pressure Matrix-Assisted Laser Desorption/Ionization (MALDI) Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2019, 91, 4520-4528.	6.5	25
50	Receptor tyrosine kinases and schistosome reproduction: new targets for chemotherapy. <i>Frontiers in Genetics</i> , 2014, 5, 238.	2.3	24
51	Cholinergic urethral brush cells are widespread throughout placental mammals. <i>International Immunopharmacology</i> , 2015, 29, 51-56.	3.8	22
52	SmSak, the Second Polo-Like Kinase of the Helminth Parasite <i>Schistosoma mansoni</i> : Conserved and Unexpected Roles in Meiosis. <i>PLoS ONE</i> , 2012, 7, e40045.	2.5	21
53	Discovery of Platyhelminth-Specific α / β -Integrin Families and Evidence for Their Role in Reproduction in <i>Schistosoma mansoni</i> . <i>PLoS ONE</i> , 2012, 7, e52519.	2.5	21
54	<i>Schistosoma mansoni</i> : Sexing Cercariae by PCR without DNA Extraction. <i>Experimental Parasitology</i> , 1997, 85, 99-100.	1.2	19

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55	Schistosoma mansoni: The Varying Occurrence of Repetitive Elements in Different Strains Shows Sex-Specific Polymorphisms. <i>Experimental Parasitology</i> , 1998, 89, 222-227.	1.2	19
56	Schistosoma mansoni: Cloning and Characterization of the Ras Homologue. <i>Experimental Parasitology</i> , 1999, 91, 280-283.	1.2	19
57	Quantification of DNA synthesis in multicellular organisms by a combined DAPI and BrdU technique. <i>Development Growth and Differentiation</i> , 2002, 44, 559-563.	1.5	19
58	Transplantation of in vitro-generated Schistosoma mansoni mother sporocysts into Biomphalaria glabrata. <i>Parasitology Research</i> , 2003, 91, 482-485.	1.6	18
59	Biolistic transformation of Schistosoma mansoni: Studies with modified reporter-gene constructs containing regulatory regions of protease genes. <i>Molecular and Biochemical Parasitology</i> , 2010, 170, 37-40.	1.1	18
60	Isolation, enrichment and primary characterisation of vitelline cells from Schistosoma mansoni obtained by the organ isolation method. <i>International Journal for Parasitology</i> , 2015, 45, 663-672.	3.1	18
61	Characterization of the cGMP-dependent protein kinase SmcCK1 of Schistosoma mansoni. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 637-648.	0.8	16
62	Proteomic and deep sequencing analysis of extracellular vesicles isolated from adult male and female Schistosoma japonicum. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008618.	3.0	16
63	Tissue- and sex-specific lipidomic analysis of Schistosoma mansoni using high-resolution atmospheric pressure scanning microprobe matrix-assisted laser desorption/ionization mass spectrometry imaging. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008145.	3.0	16
64	Schistosoma mansoni polo-like kinases and their function in control of mitosis and parasite reproduction. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 627-635.	0.8	16
65	Schistosoma mansoni: control of female fertility by the male. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1995, 90, 185-189.	1.6	15
66	Improved PCR/nested PCR approaches with increased sensitivity and specificity for the detection of pathogens in hard ticks. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 409-416.	2.7	15
67	In vitro cultivation of Schistosoma japonicum-parasites and cells. <i>Biotechnology Advances</i> , 2013, 31, 1722-1737.	11.7	15
68	Identification of a new panel of reference genes to study pairing-dependent gene expression in Schistosoma mansoni. <i>International Journal for Parasitology</i> , 2019, 49, 615-624.	3.1	15
69	High-resolution AP-SMALDI MSI as a tool for drug imaging in Schistosoma mansoni. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2755-2766.	3.7	15
70	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction in Schistosoma japonicum. <i>FASEB Journal</i> , 2018, 32, 6626-6642.	0.5	14
71	Insects in anthelmintics research: Lady beetle-derived harmonine affects survival, reproduction and stem cell proliferation of Schistosoma mansoni. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007240.	3.0	14
72	Studies on the establishment of a co-culture system of lung stage Schistosoma japonicum with host cells. <i>Parasitology Research</i> , 2012, 111, 735-748.	1.6	13

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73	Biarylalkyl Carboxylic Acid Derivatives as Novel Antischistosomal Agents. <i>ChemMedChem</i> , 2016, 11, 1459-1468.	3.2	13
74	Males, the Wrongly Neglected Partners of the Biologically Unprecedented Male-Female Interaction of Schistosomes. <i>Frontiers in Genetics</i> , 2019, 10, 796.	2.3	13
75	Drug Repurposing and De Novo Drug Discovery of Protein Kinase Inhibitors as New Drugs against Schistosomiasis. <i>Molecules</i> , 2022, 27, 1414.	3.8	13
76	Schistosoma japonicum IAP and Teg20 safeguard tegumental integrity by inhibiting cellular apoptosis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006654.	3.0	12
77	Does Schistosoma Mansoni Facilitate Carcinogenesis?. <i>Cells</i> , 2021, 10, 1982.	4.1	12
78	The effect of a mutagen (N-methyl-N-nitro-N-nitrosoguanidine) on cultured cells from adult Schistosoma japonicum. <i>Parasitology Research</i> , 2006, 98, 430-437.	1.6	11
79	Cross-sectional study of bluetongue virus serotype 8 infection in South American camelids in Germany (2008/2009). <i>Veterinary Microbiology</i> , 2012, 160, 35-42.	1.9	11
80	Effect of cytotoxic T-lymphocyte-associated protein 4 on CD4+CD25+ regulatory T cells in murine Schistosomiasis japonica. <i>Experimental Parasitology</i> , 2014, 136, 74-78.	1.2	11
81	Targeting kinases in Plasmodium and Schistosoma: Same goals, different challenges. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1637-1643.	2.3	11
82	Evidence for Integrin - Venus Kinase Receptor 1 Alliance in the Ovary of Schistosoma mansoni Females Controlling Cell Survival. <i>PLoS Pathogens</i> , 2017, 13, e1006147.	4.7	11
83	Derivatives of biarylalkyl carboxylic acid induce pleiotropic phenotypes in adult Schistosoma mansoni in vitro. <i>Parasitology Research</i> , 2016, 115, 3831-3842.	1.6	10
84	The ABL kinase inhibitor imatinib causes phenotypic changes and lethality in adult Schistosoma japonicum. <i>Parasitology Research</i> , 2019, 118, 881-890.	1.6	10
85	The RIO protein kinase-encoding gene Sj-riok-2 is involved in key reproductive processes in Schistosoma japonicum. <i>Parasites and Vectors</i> , 2017, 10, 604.	2.5	9
86	Satellite-Like W-Elements: Repetitive, Transcribed, and Putative Mobile Genetic Factors with Potential Roles for Biology and Evolution of <i>Schistosoma mansoni</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	8
87	Schistosoma mansoni eggs induce Wnt/ β 2-catenin signaling and activate the protooncogene c-Jun in human and hamster colon. <i>Scientific Reports</i> , 2020, 10, 22373.	3.3	8
88	Anthelmintic Activity of Assassin Bug Venom against the Blood Fluke Schistosoma mansoni. <i>Antibiotics</i> , 2020, 9, 664.	3.7	7
89	Development of Biarylalkyl Carboxylic Acid Amides with Improved Anti-Schistosomal Activity. <i>ChemMedChem</i> , 2019, 14, 1856-1862.	3.2	6
90	Biochemical characterization of the recombinant schistosome tegumental protein SmALDH_312 produced in E. coli and baculovirus expression vector system. <i>Electronic Journal of Biotechnology</i> , 2021, 54, 26-36.	2.2	5

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91	Spatial visualization of drug uptake and distribution in <i>Fasciola hepatica</i> using high-resolution AP-SMALDI mass spectrometry imaging. <i>Parasitology Research</i> , 2022, 121, 1145.	1.6	5
92	Changes in the lipid profile of hamster liver after <i>Schistosoma mansoni</i> infection, characterized by mass spectrometry imaging and LC-MS/MS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3653-3665.	3.7	5
93	First characterization of SmOPG1, a novel protein involved in gonad-associated processes in <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2017, 213, 22-25.	1.1	4
94	Towards deorphanizing G protein-coupled receptors of <i>Schistosoma mansoni</i> using the MALAR yeast two-hybrid system. <i>Parasitology</i> , 2020, 147, 865-872.	1.5	3
95	First insights into the autophagy machinery of adult <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2021, 51, 571-585.	3.1	3
96	First Evidence of Function for <i>Schistosoma japonicum</i> rlok-1 and RLOK-1. <i>Pathogens</i> , 2021, 10, 862.	2.8	3
97	Synthesis and antischistosomal activity of linker- and thiophene-modified biaryl alkyl carboxylic acid derivatives. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100259.	4.1	3
98	SmShb, the SH2-Containing Adaptor Protein B of <i>Schistosoma mansoni</i> Regulates Venus Kinase Receptor Signaling Pathways. <i>PLoS ONE</i> , 2016, 11, e0163283.	2.5	3
99	Cloning and characterization of elongation factor 1- β of <i>Schistosoma mansoni</i> . <i>Parasitology Research</i> , 1997, 83, 206-208.	1.6	2
100	Effects of protein extract from head-foot tissue of <i>Oncomelania hupensis</i> on the growth and gene expression of mother sporocysts of <i>Schistosoma japonicum</i> . <i>Parasitology Research</i> , 2012, 110, 721-731.	1.6	2
101	Cryptic 3' mRNA processing signals hinder the expression of <i>Schistosoma mansoni</i> integrins in yeast. <i>Molecular and Biochemical Parasitology</i> , 2015, 199, 51-57.	1.1	2
102	The anticancer drug imatinib induces autophagy in <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2022, 52, 211-215.	3.1	1
103	Schistosome genomics and beyond: News and views. <i>Experimental Parasitology</i> , 2007, 117, 223-224.	1.2	0
104	Sex in Schistosomes – Signaling Mechanisms in the Female Gonads. , 2011, , 181-200.		0
105	Culicoides vector species on three South American camelid farms seropositive for bluetongue virus serotype 8 in Germany 2008/2009. <i>Veterinary Parasitology</i> , 2015, 214, 272-281.	1.8	0
106	Ova and Oogenesis in <i>Schistosoma</i> . , 2016, , 320-332.		0
107	Is the effectivity of <i>Schistosoma mansoni</i> infection dependent on the host's age?. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, .	0.5	0
108	A special issue on "New technologies in parasitology". <i>Parasitology Research</i> , 2022, 121, 1075-1075.	1.6	0