Christoph G Grevelding

List of Publications by Year
in descending order

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108	3,142	136950 32	197818 49
papers	citations	h-index	g-index

113	113	113	2661
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The anticancer drug imatinib induces autophagy in Schistosoma mansoni. International Journal for Parasitology, 2022, 52, 211-215.	3.1	1
2	Spatial visualization of drug uptake and distribution in Fasciola hepatica using high-resolution AP-SMALDI mass spectrometry imaging. Parasitology Research, 2022, 121, 1145.	1.6	5
3	Is the effectivity of Schistosoma mansoni infection dependent on the hostâ€™s age?. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
4	Drug Repurposing and De Novo Drug Discovery of Protein Kinase Inhibitors as New Drugs against Schistosomiasis. Molecules, 2022, 27, 1414.	3.8	13
5	Changes in the lipid profile of hamster liver after Schistosoma mansoni infection, characterized by mass spectrometry imaging and LCâ€“MS/MS analysis. Analytical and Bioanalytical Chemistry, 2022, 414, 3653-3665.	3.7	5
6	A special issue on â€œNew technologies in parasitologyâ€• Parasitology Research, 2022, 121, 1075-1075.	1.6	0
7	High-resolution AP-SMALDI MSI as a tool for drug imaging in Schistosoma mansoni. Analytical and Bioanalytical Chemistry, 2021, 413, 2755-2766.	3.7	15
8	First insights into the autophagy machinery of adult Schistosoma mansoni. International Journal for Parasitology, 2021, 51, 571-585.	3.1	3
9	First Evidence of Function for Schistosoma japonicumriok-1 and RIOK-1. Pathogens, 2021, 10, 862.	2.8	3
10	Does Schistosoma Mansoni Facilitate Carcinogenesis?. Cells, 2021, 10, 1982.	4.1	12
11	Satellite-Like W-Elements: Repetitive, Transcribed, and Putative Mobile Genetic Factors with Potential Roles for Biology and Evolution of Schistosoma mansoni. Genome Biology and Evolution, 2021, 13, .	2.5	8
12	Synthesis and antischistosomal activity of linkerâ€•and thiopheneâ€•modified biaryl alkyl carboxylic acid derivatives. Archiv Der Pharmazie, 2021, 354, e2100259.	4.1	3
13	Biochemical characterization of the recombinant schistosome tegumental protein SmALDH_312 produced in E. coli and baculovirus expression vector system. Electronic Journal of Biotechnology, 2021, 54, 26-36.	2.2	5
14	Schistosoma mansoni Eggâ€“Secreted Antigens Activate Hepatocellular Carcinomaâ€“Associated Transcription Factors câ€Jun and STAT3 in Hamster and Human Hepatocytes. Hepatology, 2020, 72, 626-641.	7.3	39
15	Towards deorphanizing G protein-coupled receptors of Schistosoma mansoni using the MALAR yeast two-hybrid system. Parasitology, 2020, 147, 865-872.	1.5	3
16	Anthelminthic Activity of Assassin Bug Venom against the Blood Fluke Schistosoma mansoni. Antibiotics, 2020, 9, 664.	3.7	7
17	Proteomic and deep sequencing analysis of extracellular vesicles isolated from adult male and female Schistosoma japonicum. PLoS Neglected Tropical Diseases, 2020, 14, e0008618.	3.0	16
18	Tissue- and sex-specific lipidomic analysis of Schistosoma mansoni using high-resolution atmospheric pressure scanning microprobe matrix-assisted laser desorption/ionization mass spectrometry imaging. PLoS Neglected Tropical Diseases, 2020, 14, e0008145.	3.0	16

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19	Schistosoma mansoni eggs induce Wnt/Î²-catenin signaling and activate the protooncogene c-Jun in human and hamster colon. Scientific Reports, 2020, 10, 22373.	3.3	8
20	Development of Biarylalkyl Carboxylic Acid Amides with Improved Antiâ€schistosomal Activity. ChemMedChem, 2019, 14, 1856-1862.	3.2	6
21	Identification of a new panel of reference genes to study pairing-dependent gene expression in Schistosoma mansoni. International Journal for Parasitology, 2019, 49, 615-624.	3.1	15
22	Insects in anthelminthics research: Lady beetle-derived harmonine affects survival, reproduction and stem cell proliferation of Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2019, 13, e0007240.	3.0	14
23	The ABL kinase inhibitor imatinib causes phenotypic changes and lethality in adult Schistosoma japonicum. Parasitology Research, 2019, 118, 881-890.	1.6	10
24	Lipid Topography in Schistosoma mansoni Cryosections, Revealed by Microembedding and High-Resolution Atmospheric-Pressure Matrix-Assisted Laser Desorption/Ionization (MALDI) Mass Spectrometry Imaging. Analytical Chemistry, 2019, 91, 4520-4528.	6.5	25
25	Males, the Wrongly Neglected Partners of the Biologically Unprecedented Maleâ€“Female Interaction of Schistosomes. Frontiers in Genetics, 2019, 10, 796.	2.3	13
26	Kinases: Molecular Stage Directors for Schistosome Development and Differentiation. Trends in Parasitology, 2018, 34, 246-260.	3.3	48
27	Chemotherapy for Fighting Schistosomiasis: Past, Present and Future. ChemMedChem, 2018, 13, 2374-2389.	3.2	32
28	Serine/threonine protein phosphatase 1 (PP1) controls growth and reproduction inSchistosoma japonicum. FASEB Journal, 2018, 32, 6626-6642.	0.5	14
29	Schistosoma japonicum IAP and Teg20 safeguard tegumental integrity by inhibiting cellular apoptosis. PLoS Neglected Tropical Diseases, 2018, 12, e0006654.	3.0	12
30	Tissue-specific transcriptome analyses provide new insights into GPCR signalling in adult Schistosoma mansoni. PLoS Pathogens, 2018, 14, e1006718.	4.7	28
31	Evolution of gene dosage on the Z-chromosome of schistosome parasites. ELife, 2018, 7, .	6.0	31
32	Arylmethylamino steroids as antiparasitic agents. Nature Communications, 2017, 8, 14478.	12.8	36
33	First characterization of SmOPG1, a novel protein involved in gonad-associated processes in Schistosoma mansoni. Molecular and Biochemical Parasitology, 2017, 213, 22-25.	1.1	4
34	A gene expression atlas of adult Schistosoma mansoni and their gonads. Scientific Data, 2017, 4, 170118.	5.3	52
35	Evidence for Integrin â€“ Venus Kinase Receptor 1 Alliance in the Ovary of Schistosoma mansoni Females Controlling Cell Survival. PLoS Pathogens, 2017, 13, e1006147.	4.7	11
36	The RIO protein kinase-encoding gene Sj-riok-2 is involved in key reproductive processes in Schistosoma japonicum. Parasites and Vectors, 2017, 10, 604.	2.5	9

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37	Biarylalkyl Carboxylic Acid Derivatives as Novel Antischistosomal Agents. ChemMedChem, 2016, 11, 1459-1468.	3.2	13
38	Derivatives of biarylalkyl carboxylic acid induce pleiotropic phenotypes in adult Schistosoma mansoni in vitro. Parasitology Research, 2016, 115, 3831-3842.	1.6	10
39	Schistosome sex matters: a deep view into gonad-specific and pairing-dependent transcriptomes reveals a complex gender interplay. Scientific Reports, 2016, 6, 31150.	3.3	118
40	SmShb, the SH2-Containing Adaptor Protein B of Schistosoma mansoni Regulates Venus Kinase Receptor Signaling Pathways. PLoS ONE, 2016, 11, e0163283.	2.5	3
41	Ova and Oogenesis inSchistosoma. , 2016, , 320-332.		0
42	Inhibitory activities of the marine streptomycete-derived compound SF2446A2 against Chlamydia trachomatis and Schistosoma mansoni. Journal of Antibiotics, 2015, 68, 674-679.	2.0	40
43	Cholinergic urethral brush cells are widespread throughout placental mammals. International Immunopharmacology, 2015, 29, 51-56.	3.8	22
44	Targeting kinases in Plasmodium and Schistosoma: Same goals, different challenges. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1637-1643.	2.3	11
45	Drug-Induced Exposure of Schistosoma mansoni Antigens SmCD59a and SmKK7. PLoS Neglected Tropical Diseases, 2015, 9, e0003593.	3.0	25
46	Cryptic 3â€² mRNA processing signals hinder the expression of Schistosoma mansoni integrins in yeast. Molecular and Biochemical Parasitology, 2015, 199, 51-57.	1.1	2
47	Re-positioning protein-kinase inhibitors against schistosomiasis. Future Medicinal Chemistry, 2015, 7, 737-752.	2.3	28
48	Culicoides vector species on three South American camelid farms seropositive for bluetongue virus serotype 8 in Germany 2008/2009. Veterinary Parasitology, 2015, 214, 272-281.	1.8	0
49	Isolation, enrichment and primary characterisation of vitelline cells from Schistosoma mansoni obtained by the organ isolation method. International Journal for Parasitology, 2015, 45, 663-672.	3.1	18
50	Gonad RNA-specific qRT-PCR analyses identify genes with potential functions in schistosome reproduction such as SmFz1 and SmFGFRs. Frontiers in Genetics, 2014, 5, 170.	2.3	30
51	Imatinib Treatment Causes Substantial Transcriptional Changes in Adult Schistosoma mansoni In Vitro Exhibiting Pleiotropic Effects. PLoS Neglected Tropical Diseases, 2014, 8, e2923.	3.0	34
52	Venus Kinase Receptors Control Reproduction in the Platyhelminth Parasite Schistosoma mansoni. PLoS Pathogens, 2014, 10, e1004138.	4.7	43
53	Receptor tyrosine kinases and schistosome reproduction: new targets for chemotherapy. Frontiers in Genetics, 2014, 5, 238.	2.3	24
54	Serum albumin and Î±-1 acid glycoprotein impede the killing of Schistosoma mansoni by the tyrosine kinase inhibitor Imatinib. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 287-295.	3.4	34

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55	Effect of cytotoxic T-lymphocyte-associated protein 4 on CD4+CD25+ regulatory T cells in murine Schistosomiasis japonica. Experimental Parasitology, 2014, 136, 74-78.	1.2	11
56	Improved PCR/nested PCR approaches with increased sensitivity and specificity for the detection of pathogens in hard ticks. Ticks and Tick-borne Diseases, 2013, 4, 409-416.	2.7	15
57	In vitro cultivation of Schistosoma japonicum-parasites and cells. Biotechnology Advances, 2013, 31, 1722-1737.	11.7	15
58	Stable T-bet+GATA-3+ Th1/Th2 Hybrid Cells Arise In Vivo, Can Develop Directly from Naive Precursors, and Limit Immunopathologic Inflammation. PLoS Biology, 2013, 11, e1001633.	5.6	147
59	Transcriptome Analyses of Inhibitor-treated Schistosome Females Provide Evidence for Cooperating Src-kinase and TGFÎ² Receptor Pathways Controlling Mitosis and Eggshell Formation. PLoS Pathogens, 2013, 9, e1003448.	4.7	46
60	Whole-Organ Isolation Approach as a Basis for Tissue-Specific Analyses in Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2013, 7, e2336.	3.0	34
61	Combinatory Microarray and SuperSAGE Analyses Identify Pairing-Dependently Transcribed Genes in Schistosoma mansoni Males, Including Follistatin. PLoS Neglected Tropical Diseases, 2013, 7, e2532.	3.0	40
62	Development of Adult Worms and Granulomatous Pathology Are Collectively Regulated by T- and B-Cells in Mice Infected with Schistosoma japonicum. PLoS ONE, 2013, 8, e54432.	2.5	25
63	Cross-sectional study of bluetongue virus serotype 8 infection in South American camelids in Germany (2008/2009). Veterinary Microbiology, 2012, 160, 35-42.	1.9	11
64	Studies on the establishment of a co-culture system of lung stage Schistosoma japonicum with host cells. Parasitology Research, 2012, 111, 735-748.	1.6	13
65	Experimental infection of South American camelids with bluetongue virus serotype 8. Veterinary Microbiology, 2012, 154, 257-265.	1.9	27
66	Effects of protein extract from headâ€“foot tissue of Oncomelania hupensis on the growth and gene expression of mother sporocysts of Schistosoma japonicum. Parasitology Research, 2012, 110, 721-731.	1.6	2
67	SmSak, the Second Polo-Like Kinase of the Helminth Parasite Schistosoma mansoni: Conserved and Unexpected Roles in Meiosis. PLoS ONE, 2012, 7, e40045.	2.5	21
68	Discovery of Platyhelminth-Specific Î±/Î²-Integrin Families and Evidence for Their Role in Reproduction in Schistosoma mansoni. PLoS ONE, 2012, 7, e52519.	2.5	21
69	Protein kinases as potential targets for novel anti-schistosomal strategies. Current Pharmaceutical Design, 2012, 18, 3579-94.	1.9	39
70	Characterization of the cGMP-dependent protein kinase SmcGK1 of Schistosoma mansoni. Anais Da Academia Brasileira De Ciencias, 2011, 83, 637-648.	0.8	16
71	Piggy-backing the concept of cancer drugs for schistosomiasis treatment: a tangible perspective?. Trends in Parasitology, 2011, 27, 59-66.	3.3	67
72	Sex in Schistosomes â€“ Signaling Mechanisms in the Female Gonads. , 2011, , 181-200.		0

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73	Characterization of the Src/Abl Hybrid Kinase SmTK6 of Schistosoma mansoni. Journal of Biological Chemistry, 2011, 286, 42325-42336.	3.4	41
74	Schistosoma mansoni polo-like kinases and their function in control of mitosis and parasite reproduction. Anais Da Academia Brasileira De Ciencias, 2011, 83, 627-635.	0.8	16
75	Biolistic transformation of Schistosoma mansoni: Studies with modified reporter-gene constructs containing regulatory regions of protease genes. Molecular and Biochemical Parasitology, 2010, 170, 37-40.	1.1	18
76	Schistosoma mansoni Polo-like kinase 1: A mitotic kinase with key functions in parasite reproductionâ˜†. International Journal for Parasitology, 2010, 40, 1075-1086.	3.1	48
77	The Syk Kinase SmTK4 of Schistosoma mansoni Is Involved in the Regulation of Spermatogenesis and Oogenesis. PLoS Pathogens, 2010, 6, e1000769.	4.7	83
78	The Formin-Homology Protein SmDia Interacts with the Src Kinase SmTK and the GTPase SmRho1 in the Gonads of Schistosoma mansoni. PLoS ONE, 2009, 4, e6998.	2.5	37
79	Diagnosing Schistosomiasis by Detection of Cell-Free Parasite DNA in Human Plasma. PLoS Neglected Tropical Diseases, 2009, 3, e422.	3.0	166
80	Molecular and functional characterisation of the heat shock protein 10 of Strongyloides ratti. Molecular and Biochemical Parasitology, 2009, 168, 149-157.	1.1	32
81	Tyrosine kinase and cooperative TGFÎ² signaling in the reproductive organs of Schistosoma mansoni. Experimental Parasitology, 2007, 117, 318-336.	1.2	63
82	Schistosoma mansoni: Germ-line transformation approaches and actin-promoter analysis. Experimental Parasitology, 2007, 117, 292-303.	1.2	37
83	Schistosome genomics and beyond: News and views. Experimental Parasitology, 2007, 117, 223-224.	1.2	0
84	The effect of a mutagen (N-methyl-N-nitro-N-nitrosoguanidine) on cultured cells from adult Schistosoma japonicum. Parasitology Research, 2006, 98, 430-437.	1.6	11
85	Herbimycin A suppresses mitotic activity and egg production of female Schistosoma mansoni. International Journal for Parasitology, 2006, 36, 1261-1272.	3.1	63
86	Schistosomiasis and the molecular biology of the male-female interaction of S. mansoni. Berliner Und Munchener Tierarztliche Wochenschrift, 2006, 119, 365-72.	0.7	35
87	Biolistic transformation of Schistosoma mansoni with 5â€² flanking regions of two peptidase genes promotes tissue-specific expression. International Journal for Parasitology, 2005, 35, 583-589.	3.1	37
88	The Schistosoma mansoni Src kinase TK3 is expressed in the gonads and likely involved in cytoskeletal organization. Molecular and Biochemical Parasitology, 2004, 138, 171-182.	1.1	51
89	Cytological and biochemical evidence for a gonad-preferential interplay of SmFKBP12 and SmTÎ²R-I in Schistosoma mansoni. Molecular and Biochemical Parasitology, 2004, 138, 227-236.	1.1	26
90	Schistosoma. Current Biology, 2004, 14, R545.	3.9	32

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91	Transplantation of in vitro-generated Schistosoma mansoni mother sporocysts into Biomphalaria glabrata. Parasitology Research, 2003, 91, 482-485.	1.6	18
92	A stress-responsive glutathione S-transferase confers resistance to oxidative stress in Caenorhabditis elegans. Free Radical Biology and Medicine, 2003, 34, 1405-1415.	2.9	162
93	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. International Journal for Parasitology, 2003, 33, 1139-1143.	3.1	42
94	Cloning of 5â€² and 3â€² flanking regions of the Schistosoma mansoni calcineurin A gene and their characterization in transiently transformed parasites. Molecular and Biochemical Parasitology, 2003, 130, 133-138.	1.1	31
95	A novel Syk-family tyrosine kinase from Schistosoma mansoni which is preferentially transcribed in reproductive organs. Gene, 2002, 294, 87-97.	2.2	43
96	Characterisation of the cysteine protease ER60 in transgenic Schistosoma mansoni larvae. International Journal for Parasitology, 2002, 32, 1219-1224.	3.1	53
97	HSP70-controlled GFP expression in transiently transformed schistosomesâ˜†. Molecular and Biochemical Parasitology, 2002, 120, 141-150.	1.1	70
98	Quantification of DNA synthesis in multicellular organisms by a combined DAPI and BrdU technique. Development Growth and Differentiation, 2002, 44, 559-563.	1.5	19
99	Schistosoma mansoni: Cloning and Characterization of the Ras Homologue. Experimental Parasitology, 1999, 91, 280-283.	1.2	19
100	Genomic instability in Schistosoma mansoni. Molecular and Biochemical Parasitology, 1999, 101, 207-216.	1.1	50
101	Schistosoma mansoni:The Varying Occurrence of Repetitive Elements in Different Strains Shows Sex-Specific Polymorphisms. Experimental Parasitology, 1998, 89, 222-227.	1.2	19
102	Schistosoma mansoni:Sexing Cercariae by PCR without DNA Extraction. Experimental Parasitology, 1997, 85, 99-100.	1.2	19
103	Cloning and characterization of elongation factor 1-? of Schistosoma mansoni. Parasitology Research, 1997, 83, 206-208.	1.6	2
104	The female-specific W1 sequence of the Puerto Rican strain of Schistosoma mansoni occurs in both genders of a Liberian strain. Molecular and Biochemical Parasitology, 1995, 71, 269-272.	1.1	65
105	Schistosoma mansoni: control of female fertility by the male. Memorias Do Instituto Oswaldo Cruz, 1995, 90, 185-189.	1.6	15
106	Single-copy T-DNA insertions in Arabidopsis are the predominant form of integration in root-derived transgenics, whereas multiple insertions are found in leaf discs. Plant Molecular Biology, 1993, 23, 847-860.	3.9	81
107	Improved method for the transformation of Arabidopsis thaliana with chimeric dihydrofolate reductase constructs which confer methotrexate resistance. Plant Cell Reports, 1992, 11, 118-21.	5.6	29
108	A maize Ds transposable element containing a dihydrofolate reductase gene transposes in Nicotiana tabacum and Arabidopsis thaliana. Molecular Genetics and Genomics, 1989, 219, 461-466.	2.4	58