Joachim MÃ¼ller

List of Publications by Year
in descending order

74	2,459	159585	223800
papers	citations	30 h-index	46 g-index

76	76	76	2495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Common Molecular Targets of a Quinolone Based Bumped Kinase Inhibitor in Neospora caninum and Danio rerio. International Journal of Molecular Sciences, 2022, 23, 2381.	4.1	5
2	3-nitroimidazo[1,2-b]pyridazine as a novel scaffold for antiparasitics with sub-nanomolar anti-Giardia lamblia activity. International Journal for Parasitology: Drugs and Drug Resistance, 2022, 19, 47-55.	3.4	5
3	One health therapeutics: Target-Based drug development for cryptosporidiosis and other apicomplexa diseases. Veterinary Parasitology, 2021, 289, 109336.	1.8	16
4	Nitroreductase Activites in Giardia lamblia: ORF 17150 Encodes a Quinone Reductase with Nitroreductase Activity. Pathogens, 2021, 10, 129.	2.8	5
5	Cellular and Molecular Targets of Nucleotide-Tagged Trithiolato-Bridged Arene Ruthenium Complexes in the Protozoan Parasites Toxoplasma gondii and Trypanosoma brucei. International Journal of Molecular Sciences, 2021, 22, 10787.	4.1	13
6	Characterization of a MOB1 Homolog in the Apicomplexan Parasite Toxoplasma gondii. Biology, 2021, 10, 1233.	2.8	2
7	Comparative assessment of the effects of bumped kinase inhibitors on early zebrafish embryo development and pregnancy in mice. International Journal of Antimicrobial Agents, 2020, 56, 106099.	2.5	12
8	Transfection With Plasmid Causing Stable Expression of a Foreign Gene Affects General Proteome Pattern in Giardia lamblia Trophozoites. Frontiers in Cellular and Infection Microbiology, 2020, 10, 602756.	3.9	3
9	The Impact of BKI-1294 Therapy in Mice Infected With the Apicomplexan Parasite Neospora caninum and Re-infected During Pregnancy. Frontiers in Veterinary Science, 2020, 7, 587570.	2.2	7
10	Neospora caninum: Structure and Fate of Multinucleated Complexes Induced by the Bumped Kinase Inhibitor BKI-1294. Pathogens, 2020, 9, 382.	2.8	17
11	Neospora caninum: Differential Proteome of Multinucleated Complexes Induced by the Bumped Kinase Inhibitor BKI-1294. Microorganisms, 2020, 8, 801.	3.6	15
12	Activities of Endochin-Like Quinolones Against in vitro Cultured Besnoitia besnoiti Tachyzoites. Frontiers in Veterinary Science, 2020, 7, 96.	2.2	12
13	Comparative proteomics of threeGiardia lambliastrains: investigation of antigenic variation in the post-genomic era. Parasitology, 2020, 147, 1008-1018.	1.5	13
14	In Vitro Activities of MMV Malaria Box Compounds against the Apicomplexan Parasite Neospora caninum, the Causative Agent of Neosporosis in Animals. Molecules, 2020, 25, 1460.	3.8	4
15	Synthesis, characterization and antiparasitic activity of organometallic derivatives of the anthelmintic drug albendazole. Dalton Transactions, 2020, 49, 6616-6626.	3.3	11
16	Metabolomic Profiling of Wildtype and Transgenic Giardia lamblia Strains by 1H HR-MAS NMR Spectroscopy. Metabolites, 2020, 10, 53.	2.9	7
17	In vitrotreatment ofBesnoitia besnoitiwith the naphto-quinone buparvaquone results in marked inhibition of tachyzoite proliferation, mitochondrial alterations and rapid adaptation of tachyzoites to increased drug concentrations. Parasitology, 2019, 146, 112-120.	1.5	17
18	Nitroreductases of bacterial origin in Giardia lamblia : Potential role in detoxification of xenobiotics. MicrobiologyOpen, 2019, 8, e904.	3.0	8

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19	Comparative Pathobiology of the Intestinal Protozoan Parasites Giardia lamblia, Entamoeba histolytica, and Cryptosporidium parvum. Pathogens, 2019, 8, 116.	2.8	46
20	Targeting of the mitochondrion by dinuclear thiolato-bridged arene ruthenium complexes in cancer cells and in the apicomplexan parasite Neospora caninum. Metallomics, 2019, 11, 462-474.	2.4	25
21	Resistance formation to nitro drugs in Giardia lamblia: No common markers identified by comparative proteomics. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 112-119.	3.4	23
22	In vitro metabolomic footprint of the Echinococcus multilocularis metacestode. Scientific Reports, 2019, 9, 19438.	3.3	26
23	Modulation of cis- and trans- Golgi and the Rab9A-GTPase during infection by Besnoitia besnoiti, Toxoplasma gondii and Neospora caninum. Experimental Parasitology, 2018, 187, 75-85.	1.2	11
24	Endochin-Like Quinolones Exhibit Promising Efficacy Against Neospora Caninum in vitro and in Experimentally Infected Pregnant Mice. Frontiers in Veterinary Science, 2018, 5, 285.	2.2	17
25	Accessible and distinct decoquinate derivatives active against Mycobacterium tuberculosis and apicomplexan parasites. Communications Chemistry, 2018, 1, .	4.5	30
26	Physiological aspects of nitro drug resistance in Giardia lamblia. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 271-277.	3.4	28
27	1H HR-MAS NMR spectroscopy to study the metabolome of the protozoan parasite Giardia lamblia. Talanta, 2018, 188, 429-441.	5.5	14
28	Activity of mefloquine and mefloquine derivatives against Echinococcus multilocularis. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 331-340.	3.4	33
29	Virulence in Mice of a Toxoplasma gondii Type II Isolate Does Not Correlate With the Outcome of Experimental Infection in Pregnant Sheep. Frontiers in Cellular and Infection Microbiology, 2018, 8, 436.	3.9	35
30	PrP-C1 fragment in cattle brains reveals features of the transmissible spongiform encephalopathy associated PrPsc. Brain Research, 2017, 1659, 19-28.	2.2	3
31	Two Novel Calcium-Dependent Protein Kinase 1 Inhibitors Interfere with Vertical Transmission in Mice Infected with Neospora caninum Tachyzoites. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	24
32	Development of a murine vertical transmission model for Toxoplasma gondii oocyst infection and studies on the efficacy of bumped kinase inhibitor (BKI)-1294 and the naphthoquinone buparvaquone against congenital toxoplasmosis. Journal of Antimicrobial Chemotherapy, 2017, 72, 2334-2341.	3.0	52
33	Advances in bumped kinase inhibitors for human and animal therapy for cryptosporidiosis. International Journal for Parasitology, 2017, 47, 753-763.	3.1	30
34	In vitro screening of the open source Pathogen Box identifies novel compounds with profound activities against Neospora caninum. International Journal for Parasitology, 2017, 47, 801-809.	3.1	28
35	Activities of 11â€Azaartemisinin and Nâ€Sulfonyl Derivatives against Neospora caninum and Comparative Cytotoxicities. ChemMedChem, 2017, 12, 2094-2098.	3.2	14
36	Characterization of the Activities of Dinuclear Thiolato-Bridged Arene Ruthenium Complexes against Toxoplasma gondii. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	35

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37	Production of Valeriana officinalis roots in different soil structure in East Albania. , 2017, , .		0
38	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	4.7	244
39	Approaches for the vaccination and treatment ofNeospora caninuminfections in mice and ruminant models. Parasitology, 2016, 143, 245-259.	1.5	43
40	N-terminal fusion of a toll-like receptor 2-ligand to aNeospora caninumchimeric antigen efficiently modifies the properties of the specific immune response. Parasitology, 2016, 143, 606-616.	1.5	21
41	Evaluation of Giardia lamblia thioredoxin reductase as drug activating enzyme and as drug target. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 148-153.	3.4	42
42	Drug target identification in protozoan parasites. Expert Opinion on Drug Discovery, 2016, 11, 815-824.	5.0	40
43	Repurposing of antiparasitic drugs: the hydroxy-naphthoquinone buparvaquone inhibits vertical transmission in the pregnant neosporosis mouse model. Veterinary Research, 2016, 47, 32.	3.0	27
44	In Vitro Screening of the Open-Source Medicines for Malaria Venture Malaria Box Reveals Novel Compounds with Profound Activities against Theileria annulata Schizonts. Antimicrobial Agents and Chemotherapy, 2016, 60, 3301-3308.	3.2	13
45	Comparative characterisation of two nitroreductases from Giardia lamblia as potential activators of nitro compounds. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 37-43.	3.4	43
46	In Vitro and In Vivo Effects of the Bumped Kinase Inhibitor 1294 in the Related Cyst-Forming Apicomplexans Toxoplasma gondii and Neospora caninum. Antimicrobial Agents and Chemotherapy, 2015, 59, 6361-6374.	3.2	72
47	Dose-dependent effects of experimental infection with the virulent Neospora caninum Nc-Spain7 isolate in a pregnant mouse model. Veterinary Parasitology, 2015, 211, 133-140.	1.8	36
48	The FAD-dependent glycerol-3-phosphate dehydrogenase of Giardia duodenalis: an unconventional enzyme that interacts with the g14-3-3 and it is a target of the antitumoral compound NBDHEX. Frontiers in Microbiology, 2015, 06, 544.	3.5	27
49	In vitro effects of new artemisinin derivatives in Neospora caninum-infected human fibroblasts. International Journal of Antimicrobial Agents, 2015, 46, 88-93.	2.5	22
50	Oral treatments of Echinococcus multilocularis-infected mice with the antimalarial drug mefloquine that potentially interacts with parasite ferritin and cystatin. International Journal of Antimicrobial Agents, 2015, 46, 546-551.	2.5	25
51	Buparvaquone is active against Neospora caninum in vitro and in experimentally infected mice. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 16-25.	3.4	36
52	A quantitative reverse-transcriptase PCR assay for the assessment of drug activities against intracellular Theileria annulata schizonts. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 201-209.	3.4	14
53	Profound Activity of the Anti-cancer Drug Bortezomib against Echinococcus multilocularis Metacestodes Identifies the Proteasome as a Novel Drug Target for Cestodes. PLoS Neglected Tropical Diseases, 2014, 8, e3352.	3.0	37
54	Treatment of echinococcosis: albendazole and mebendazole â€“ what else?. Parasite, 2014, 21, 70.	2.0	113

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55	Neospora caninum Calcium-Dependent Protein Kinase 1 Is an Effective Drug Target for Neosporosis Therapy. PLoS ONE, 2014, 9, e92929.	2.5	63
56	In vitro culture systems for the study of apicomplexan parasites in farm animals. International Journal for Parasitology, 2013, 43, 115-124.	3.1	55
57	Metabolism of nitro drugs metronidazole and nitazoxanide in Giardia lamblia: characterization of a novel nitroreductase (GlNR2). Journal of Antimicrobial Chemotherapy, 2013, 68, 1781-1789.	3.0	71
58	New Approaches for the Identification of Drug Targets in Protozoan Parasites. International Review of Cell and Molecular Biology, 2013, 301, 359-401.	3.2	42
59	Di-cationic arylimidamides act against Neospora caninum tachyzoites by interference in membrane structure and nucleolar integrity and are active against challenge infection in mice. International Journal for Parasitology: Drugs and Drug Resistance, 2012, 2, 109-120.	3.4	32
60	Identification of a host cell target for the thiazolide class of broad-spectrum anti-parasitic drugs. Experimental Parasitology, 2011, 128, 145-150.	1.2	21
61	Drug Target Identification in Intracellular and Extracellular Protozoan Parasites. Current Topics in Medicinal Chemistry, 2011, 11, 2029-2038.	2.1	19
62	Nitroreductase (GlNR1) increases susceptibility of Giardia lamblia and Escherichia coli to nitro drugs. Journal of Antimicrobial Chemotherapy, 2011, 66, 1029-1035.	3.0	59
63	Stable expression of Escherichia coli Â-glucuronidase A (GusA) in Giardia lamblia: application to high-throughput drug susceptibility testing. Journal of Antimicrobial Chemotherapy, 2009, 64, 1187-1191.	3.0	21
64	Thioureides of 2-(phenoxymethyl)benzoic acid 4-R substituted: A novel class of anti-parasitic compounds. Parasitology International, 2009, 58, 128-135.	1.3	37
65	Thiazolides inhibit growth and induce glutathioneâ€‹Sâ€‹transferase Pi (GSTP1)â€‹dependent cell death in human colon cancer cells. International Journal of Cancer, 2008, 123, 1797-1806.	5.1	77
66	Neospora caninum: Functional inhibition of protein disulfide isomerase by the broad-spectrum anti-parasitic drug nitazoxanide and other thiazolides. Experimental Parasitology, 2008, 118, 80-88.	1.2	54
67	In vitro and in vivo effects of 2-methoxyestradiol, either alone or combined with albendazole, against Echinococcus metacestodes. Experimental Parasitology, 2008, 119, 475-482.	1.2	56
68	Identification of differentially expressed genes in a Giardia lamblia WB C6 clone resistant to nitazoxanide and metronidazole. Journal of Antimicrobial Chemotherapy, 2008, 62, 72-82.	3.0	67
69	A Novel Giardia lamblia Nitroreductase, GlNR1, Interacts with Nitazoxanide and Other Thiazolides. Antimicrobial Agents and Chemotherapy, 2007, 51, 1979-1986.	3.2	80
70	Characterization of Giardia lamblia WB C6 clones resistant to nitazoxanide and to metronidazole. Journal of Antimicrobial Chemotherapy, 2007, 60, 280-287.	3.0	83
71	Characterization of a Giardia lamblia WB C6 clone resistant to the isoflavone formononetin. Microbiology (United Kingdom), 2007, 153, 4150-4158.	1.8	16
72	Induction of tachyzoite egress from cells infected with the protozoan Neospora caninum by nitro- and bromo-thiazolides, a class of broad-spectrum anti-parasitic drugs. International Journal for Parasitology, 2007, 37, 1143-1152.	3.1	35

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73	In Vitro Effects of Thiazolides on Giardia lamblia WB Clone C6 Cultured Axenically and in Coculture with Caco2 Cells. Antimicrobial Agents and Chemotherapy, 2006, 50, 162-170.	3.2	70
74	Organometallic Derivatives of Decoquinate Targeted toward Toxoplasma gondii. Organometallics, 0, , .	2.3	0