

Norton Heise

List of Publications by Year in descending order

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39
papers

1,472
citations

304743

22
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

1916
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucin-like glycoproteins linked to the membrane by glycosylphosphatidylinositol anchor are the major acceptors of sialic acid in a reaction catalyzed by trans-sialidase in metacyclic forms of <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 293-303.	1.1	210
2	Ether-lipid (alkyl-phospholipid) metabolism and the mechanism of action of ether-lipid analogues in <i>Leishmania</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 111, 1-14.	1.1	132
3	Capsular polysaccharides from <i>Cryptococcus neoformans</i> modulate production of neutrophil extracellular traps (NETs) by human neutrophils. <i>Scientific Reports</i> , 2015, 5, 8008.	3.3	110
4	Hyperglycemia exacerbates colon cancer malignancy through hexosamine biosynthetic pathway. <i>Oncogenesis</i> , 2017, 6, e306-e306.	4.9	87
5	Glycoinositolphospholipid from <i>Trypanosoma cruzi</i> : Structure, Biosynthesis and Immunobiology. <i>Advances in Parasitology</i> , 2003, 56, 1-41.	3.2	66
6	Purification, localisation and characterisation of glucose-6-phosphate dehydrogenase of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 99, 21-32.	1.1	64
7	Toxic effects of natural piperine and its derivatives on epimastigotes and amastigotes of <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3555-3558.	2.2	62
8	Protozoan parasite-specific carbohydrate structures. <i>Current Opinion in Structural Biology</i> , 2005, 15, 499-505.	5.7	61
9	Identification of Complete Precursors for the Glycosylphosphatidylinositol Protein Anchors of <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 16877-16887.	3.4	50
10	Proinflammatory and Cytotoxic Effects of Hexadecylphosphocholine (Miltefosine) against Drug-Resistant Strains of <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 3472-3477.	3.2	48
11	Characterization of the lipid moiety of the glycosylphosphatidylinositol anchor of <i>Trypanosoma cruzi</i> 1G7-antigen. <i>Molecular and Biochemical Parasitology</i> , 1995, 70, 71-84.	1.1	47
12	Molecular analysis of a novel family of complex glycoinositolphosphoryl ceramides from <i>Cryptococcus neoformans</i> : structural differences between encapsulated and acapsular yeast forms. <i>Glycobiology</i> , 2002, 12, 409-420.	2.5	43
13	The dihydroxyacetonephosphate pathway for biosynthesis of ether lipids in <i>Leishmania mexicana</i> promastigotes. <i>Molecular and Biochemical Parasitology</i> , 1997, 89, 61-72.	1.1	41
14	Infection with <i>Leishmania major</i> Induces a Cellular Stress Response in Macrophages. <i>PLoS ONE</i> , 2014, 9, e85715.	2.5	39
15	Characterization of the inositol phosphorylceramide synthase activity from <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2005, 387, 519-529.	3.7	37
16	Characterization of novel structures of mannosylinositolphosphorylceramides from the yeast forms of <i>Sporothrix schenckii</i> . <i>FEBS Journal</i> , 2001, 268, 4243-4250.	0.2	31
17	The toxic effects of piperine against <i>Trypanosoma cruzi</i> : ultrastructural alterations and reversible blockage of cytokinesis in epimastigote forms. <i>Parasitology Research</i> , 2008, 102, 1059-1067.	1.6	31
18	Acidocalcisomes as Calcium- and Polyphosphate-Storage Compartments during Embryogenesis of the Insect <i>Rhodnius prolixus</i> Stahl. <i>PLoS ONE</i> , 2011, 6, e27276.	2.5	31

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19	Structure of an acidic exopolysaccharide produced by the diazotrophic endophytic bacterium <i>Burkholderia brasiliensis</i> . <i>FEBS Journal</i> , 2001, 268, 3174-3179.	0.2	30
20	Chemical Structure of Major Glycoconjugates from Parasites. <i>Current Organic Chemistry</i> , 2008, 12, 926-939.	1.6	27
21	Localisation of a 3-Hydroxy-3-methylglutaryl-Coenzyme A Reductase in the Mitochondrial Matrix of <i>Trypanosoma brucei</i> Procyclics. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000, 55, 473-477.	1.4	25
22	Nitrogen-fixing bacterium <i>Burkholderia brasiliensis</i> produces a novel yersiniose A-containing O-polysaccharide. <i>Glycobiology</i> , 2004, 15, 313-321.	2.5	24
23	Molecular analysis of a UDP-GlcNAc:polypeptide β -N-acetylglucosaminyltransferase implicated in the initiation of mucin-type O-glycosylation in <i>Trypanosoma cruzi</i> . <i>Glycobiology</i> , 2009, 19, 918-933.	2.5	23
24	Na ⁺ -ATPase and protein kinase C are targets to 1-O-hexadecylphosphocoline (miltefosine) in <i>Trypanosoma cruzi</i> . <i>Archives of Biochemistry and Biophysics</i> , 2009, 481, 65-71.	3.0	16
25	The Sphingolipid Biosynthetic Pathway Is a Potential Target for Chemotherapy against Chagas Disease. <i>Enzyme Research</i> , 2011, 2011, 1-13.	1.8	15
26	Molecular and functional characterization of the ceramide synthase from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2012, 182, 62-74.	1.1	13
27	H ⁺ -dependent inorganic phosphate uptake in <i>Trypanosoma brucei</i> is influenced by myo-inositol transporter. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 183-194.	2.3	13
28	Golgi UDP-GlcNAc:Polypeptide O- β -N-Acetyl-d-Glucosaminyltransferase 2 (TcOGNT2) Regulates Trypomastigote Production and Function in <i>Trypanosoma cruzi</i> . <i>Eukaryotic Cell</i> , 2014, 13, 1312-1327.	3.4	12
29	Tamoxifen inhibits the biosynthesis of inositolphosphorylceramide in <i>Leishmania</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 475-487.	3.4	12
30	<i>Paracoccidioides brasiliensis</i> Expresses Both Glycosylphosphatidylinositol-Anchored Proteins and a Potent Phospholipase C. <i>Experimental Mycology</i> , 1995, 19, 111-119.	1.6	11
31	Cloning and characterization of the phosphoglucomutase of <i>Trypanosoma cruzi</i> and functional complementation of a <i>Saccharomyces cerevisiae</i> PGM null mutant. <i>Glycobiology</i> , 2005, 15, 1359-1367.	2.5	11
32	Antibody Repertoires Identify β -Tubulin as a Host Protective Parasite Antigen in Mice Infected With <i>Trypanosoma cruzi</i> . <i>Frontiers in Immunology</i> , 2018, 9, 671.	4.8	10
33	POM-1 inhibits P2 receptors and exhibits anti-inflammatory effects in macrophages. <i>Purinergic Signalling</i> , 2017, 13, 611-627.	2.2	9
34	Venom alkaloids against Chagas disease parasite: search for effective therapies. <i>Scientific Reports</i> , 2020, 10, 10642.	3.3	9
35	Age-related changes in glycosaminoglycan distribution in different anatomical sites on the surface of knee-joint articular cartilage in young rabbits. <i>Annals of Anatomy</i> , 1993, 175, 35-40.	1.9	6
36	Endocytosis and Exocytosis in <i>Leishmania amazonensis</i> Are Modulated by Bromoenol Lactone. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 39.	3.9	6

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37	2',3'-Dialdehyde of ATP, ADP, and Adenosine Inhibit HIV-1 Reverse Transcriptase and HIV-1 Replication. <i>Current HIV Research</i> , 2014, 12, 347-358.	0.5	6
38	B cell response during infection with the MAT a and MAT alpha mating types of <i>Cryptococcus neoformans</i> . <i>Microbes and Infection</i> , 2005, 7, 118-125.	1.9	4
39	<i>Plasmodium falciparum</i> invasion and intraerythrocytic development are impaired by 2', 3'-dialdehyde adenosine. <i>Microbes and Infection</i> , 2018, 20, 205-211.	1.9	0