

Isabelle Coppens

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145
papers

10,253
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49
h-index

99
g-index

157
ext. papers

11,903
ext. citations

7
avg, IF

5.78
L-index

#	Paper	IF	Citations
145	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
144	Vacuolar and plasma membrane stripping and autophagic elimination of <i>Toxoplasma gondii</i> in primed effector macrophages. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2063-71	16.6	293
143	<i>Toxoplasma gondii</i> sequesters lysosomes from mammalian hosts in the vacuolar space. <i>Cell</i> , 2006 , 125, 261-74	56.2	246
142	<i>Toxoplasma gondii</i> exploits host low-density lipoprotein receptor-mediated endocytosis for cholesterol acquisition. <i>Journal of Cell Biology</i> , 2000 , 149, 167-80	7.3	229
141	Rapid membrane disruption by a perforin-like protein facilitates parasite exit from host cells. <i>Science</i> , 2009 , 323, 530-3	33.3	216
140	Golgi biogenesis in <i>Toxoplasma gondii</i> . <i>Nature</i> , 2002 , 418, 548-52	50.4	164
139	Myosin A tail domain interacting protein (MTIP) localizes to the inner membrane complex of <i>Plasmodium</i> sporozoites. <i>Journal of Cell Science</i> , 2003 , 116, 39-49	5.3	158
138	Activation of NF-kappaB by <i>Toxoplasma gondii</i> correlates with increased expression of antiapoptotic genes and localization of phosphorylated IkkappaB to the parasitophorous vacuole membrane. <i>Journal of Cell Science</i> , 2003 , 116, 4359-71	5.3	131
137	Host ER-parasitophorous vacuole interaction provides a route of entry for antigen cross-presentation in <i>Toxoplasma gondii</i> -infected dendritic cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 399-410	16.6	125
136	Autophagy in protists. <i>Autophagy</i> , 2011 , 7, 127-58	10.2	124
135	<i>Plasmodium yoelii</i> sporozoites with simultaneous deletion of P52 and P36 are completely attenuated and confer sterile immunity against infection. <i>Infection and Immunity</i> , 2007 , 75, 3758-68	3.7	123
134	Characterization of a novel organelle in <i>Toxoplasma gondii</i> with similar composition and function to the plant vacuole. <i>Molecular Microbiology</i> , 2010 , 76, 1358-75	4.1	116
133	Host but not parasite cholesterol controls <i>Toxoplasma</i> cell entry by modulating organelle discharge. <i>Molecular Biology of the Cell</i> , 2003 , 14, 3804-20	3.5	111
132	Apicomplexan gliding motility and host cell invasion: overhauling the motor model. <i>Trends in Parasitology</i> , 2004 , 20, 13-6	6.4	101
131	Cathepsin L occupies a vacuolar compartment and is a protein maturase within the endo/exocytic system of <i>Toxoplasma gondii</i> . <i>Molecular Microbiology</i> , 2010 , 76, 1340-57	4.1	100
130	Cellular interactions of <i>Plasmodium</i> liver stage with its host mammalian cell. <i>International Journal for Parasitology</i> , 2007 , 37, 1329-41	4.3	98
129	Autophagy in parasitic protists: unique features and drug targets. <i>Molecular and Biochemical Parasitology</i> , 2011 , 177, 83-99	1.9	93

128	In Vivo Biotinylation of the Toxoplasma Parasitophorous Vacuole Reveals Novel Dense Granule Proteins Important for Parasite Growth and Pathogenesis. <i>MBio</i> , 2016 , 7,	7.8	89
127	Translation regulation by eukaryotic initiation factor-2 kinases in the development of latent cysts in <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2008 , 283, 16591-601	5.4	88
126	<i>Plasmodium</i> salvages cholesterol internalized by LDL and synthesized de novo in the liver. <i>Cellular Microbiology</i> , 2011 , 13, 569-86	3.9	86
125	Targeted deletion of SAP1 abolishes the expression of infectivity factors necessary for successful malaria parasite liver infection. <i>Molecular Microbiology</i> , 2008 , 69, 152-63	4.1	84
124	The host cell transcription factor hypoxia-inducible factor 1 is required for <i>Toxoplasma gondii</i> growth and survival at physiological oxygen levels. <i>Cellular Microbiology</i> , 2006 , 8, 339-52	3.9	84
123	A member of a conserved <i>Plasmodium</i> protein family with membrane-attack complex/perforin (MACPF)-like domains localizes to the micronemes of sporozoites. <i>Molecular and Biochemical Parasitology</i> , 2004 , 133, 15-26	1.9	83
122	Host lipid droplets: An important source of lipids salvaged by the intracellular parasite <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2017 , 13, e1006362	7.6	81
121	Fundamental Roles of the Golgi-Associated <i>Toxoplasma</i> Aspartyl Protease, ASP5, at the Host-Parasite Interface. <i>PLoS Pathogens</i> , 2015 , 11, e1005211	7.6	81
120	A cleavable propeptide influences <i>Toxoplasma</i> infection by facilitating the trafficking and secretion of the TgMIC2-M2AP invasion complex. <i>Molecular Biology of the Cell</i> , 2006 , 17, 4551-63	3.5	81
119	<i>Plasmodium</i> ookinetes coopt mammalian plasminogen to invade the mosquito midgut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 17153-8	11.5	78
118	Host cell lipids control cholesteryl ester synthesis and storage in intracellular <i>Toxoplasma</i> . <i>Cellular Microbiology</i> , 2005 , 7, 849-67	3.9	73
117	<i>Toxoplasma gondii</i> salvages sphingolipids from the host Golgi through the rerouting of selected Rab vesicles to the parasitophorous vacuole. <i>Molecular Biology of the Cell</i> , 2013 , 24, 1974-95	3.5	72
116	A thioredoxin family protein of the apicoplast periphery identifies abundant candidate transport vesicles in <i>Toxoplasma gondii</i> . <i>Eukaryotic Cell</i> , 2008 , 7, 1518-29		70
115	Targeting lipid biosynthesis and salvage in apicomplexan parasites for improved chemotherapies. <i>Nature Reviews Microbiology</i> , 2013 , 11, 823-35	22.2	68
114	Selective disruption of phosphatidylcholine metabolism of the intracellular parasite <i>Toxoplasma gondii</i> arrests its growth. <i>Journal of Biological Chemistry</i> , 2005 , 280, 16345-53	5.4	67
113	A surface phospholipase is involved in the migration of <i>Plasmodium</i> sporozoites through cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 6752-60	5.4	67
112	A <i>Toxoplasma</i> palmitoyl acyl transferase and the palmitoylated armadillo repeat protein TgARO govern apical rhoptry tethering and reveal a critical role for the rhoptries in host cell invasion but not egress. <i>PLoS Pathogens</i> , 2013 , 9, e1003162	7.6	65
111	Host plasma low density lipoprotein particles as an essential source of lipids for the bloodstream forms of <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 1995 , 270, 5736-41	5.4	64

110	Metamorphosis of the malaria parasite in the liver is associated with organelle clearance. <i>Cell Research</i> , 2010 , 20, 1043-59	24.7	63
109	Cell cycle-regulated vesicular trafficking of Toxoplasma APT1, a protein localized to multiple apicoplast membranes. <i>Molecular Microbiology</i> , 2007 , 63, 1653-68	4.1	63
108	Contribution of host lipids to Toxoplasma pathogenesis. <i>Cellular Microbiology</i> , 2006 , 8, 1-9	3.9	62
107	The uptake of the trypanocidal drug suramin in combination with low-density lipoproteins by <i>Trypanosoma brucei</i> and its possible mode of action. <i>Acta Tropica</i> , 1993 , 54, 237-50	3.2	62
106	virulence factors, including listeriolysin O, are secreted in biologically active extracellular vesicles. <i>Journal of Biological Chemistry</i> , 2019 , 294, 1202-1217	5.4	61
105	<i>Plasmodium falciparum</i> ATG8 implicated in both autophagy and apicoplast formation. <i>Autophagy</i> , 2013 , 9, 1540-52	10.2	60
104	Protective properties and surface localization of <i>Plasmodium falciparum</i> enolase. <i>Infection and Immunity</i> , 2007 , 75, 5500-8	3.7	60
103	Insights into unique physiological features of neutral lipids in Apicomplexa: from storage to potential mediation in parasite metabolic activities. <i>International Journal for Parasitology</i> , 2005 , 35, 597-615	4.3	57
102	Remodeling of the malaria parasite and host human red cell by vesicle amplification that induces artemisinin resistance. <i>Blood</i> , 2018 , 131, 1234-1247	2.2	55
101	A high-affinity putrescine-cadaverine transporter from <i>Trypanosoma cruzi</i> . <i>Molecular Microbiology</i> , 2010 , 76, 78-91	4.1	55
100	Eosinophil-derived IL-4 drives progression of myocarditis to inflammatory dilated cardiomyopathy. <i>Journal of Experimental Medicine</i> , 2017 , 214, 943-957	16.6	53
99	On the biogenesis of lipid bodies in ancient eukaryotes: synthesis of triacylglycerols by a <i>Toxoplasma</i> DGAT1-related enzyme. <i>Molecular and Biochemical Parasitology</i> , 2004 , 138, 107-22	1.9	53
98	<i>Toxoplasma</i> depends on lysosomal consumption of autophagosomes for persistent infection. <i>Nature Microbiology</i> , 2017 , 2, 17096	26.6	50
97	<i>Toxoplasma gondii</i> Rab5 enhances cholesterol acquisition from host cells. <i>Cellular Microbiology</i> , 2002 , 4, 139-52	3.9	49
96	Pleiotropic effect due to targeted depletion of secretory rhoptry protein ROP2 in <i>Toxoplasma gondii</i> . <i>Journal of Cell Science</i> , 2003 , 116, 2311-20	5.3	49
95	The glutathione biosynthetic pathway of <i>Plasmodium</i> is essential for mosquito transmission. <i>PLoS Pathogens</i> , 2009 , 5, e1000302	7.6	48
94	Exogenous and endogenous sources of sterols in the culture-adapted procyclic trypomastigotes of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1995 , 73, 179-88	1.9	46
93	The parasite sequesters diverse Rab host vesicles within an intravacuolar network. <i>Journal of Cell Biology</i> , 2017 , 216, 4235-4254	7.3	44

92	Role of acidic compartments in <i>Trypanosoma brucei</i> , with special reference to low-density lipoprotein processing. <i>Molecular and Biochemical Parasitology</i> , 1993 , 58, 223-32	1.9	44
91	Neutral lipid synthesis and storage in the intraerythrocytic stages of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2004 , 135, 197-209	1.9	43
90	The <i>Plasmodium falciparum</i> Vps4 homolog mediates multivesicular body formation. <i>Journal of Cell Science</i> , 2004 , 117, 3831-8	5.3	42
89	Intracellular trafficking of dense granule proteins in <i>Toxoplasma gondii</i> and experimental evidences for a regulated exocytosis. <i>European Journal of Cell Biology</i> , 1999 , 78, 463-72	6.1	42
88	<i>Plasmodium falciparum</i> CRK4 directs continuous rounds of DNA replication during schizogony. <i>Nature Microbiology</i> , 2017 , 2, 17017	26.6	41
87	Exploitation of auxotrophies and metabolic defects in <i>Toxoplasma</i> as therapeutic approaches. <i>International Journal for Parasitology</i> , 2014 , 44, 109-20	4.3	41
86	A membrane protease is targeted to the relict plastid of <i>Toxoplasma</i> via an internal signal sequence. <i>Traffic</i> , 2007 , 8, 1543-53	5.7	41
85	Peculiarities of host cholesterol transport to the unique intracellular vacuole containing <i>Toxoplasma</i> . <i>Traffic</i> , 2005 , 6, 1125-41	5.7	40
84	Glutathione reductase-null malaria parasites have normal blood stage growth but arrest during development in the mosquito. <i>Journal of Biological Chemistry</i> , 2010 , 285, 27045-27056	5.4	39
83	Activity, pharmacological inhibition and biological regulation of 3-hydroxy-3-methylglutaryl coenzyme A reductase in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1995 , 69, 29-40	1.9	38
82	Structural characterization and inhibition of the <i>Plasmodium</i> Atg8-Atg3 interaction. <i>Journal of Structural Biology</i> , 2012 , 180, 551-62	3.4	36
81	Characterization of the ATG8-conjugation system in 2 <i>Plasmodium</i> species with special focus on the liver stage: possible linkage between the apicoplastic and autophagic systems?. <i>Autophagy</i> , 2014 , 10, 269-84	10.2	34
80	<i>Cryptosporidium parvum</i> scavenges LDL-derived cholesterol and micellar cholesterol internalized into enterocytes. <i>Cellular Microbiology</i> , 2013 , 15, 1182-97	3.9	33
79	Oxidosqualene cyclase inhibitors as antimicrobial agents. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 4240-8.3		33
78	<i>Neospora caninum</i> Recruits Host Cell Structures to Its Parasitophorous Vacuole and Salvages Lipids from Organelles. <i>Eukaryotic Cell</i> , 2015 , 14, 454-73		32
77	Distinct roles of <i>Plasmodium</i> rhomboid 1 in parasite development and malaria pathogenesis. <i>PLoS Pathogens</i> , 2009 , 5, e1000262	7.6	32
76	Effect of host cell lipid metabolism on alphavirus replication, virion morphogenesis, and infectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16326-31	11.5	32
75	<i>Toxoplasma gondii</i> is capable of exogenous folate transport. A likely expansion of the BT1 family of transmembrane proteins. <i>Molecular and Biochemical Parasitology</i> , 2005 , 144, 44-54	1.9	32

74	Novel roles for ATP-binding cassette G transporters in lipid redistribution in <i>Toxoplasma</i> . <i>Molecular Microbiology</i> , 2010 , 76, 1232-49	4.1	31
73	A Lipolytic Lecithin:Cholesterol Acyltransferase Secreted by <i>Toxoplasma</i> Facilitates Parasite Replication and Egress. <i>Journal of Biological Chemistry</i> , 2016 , 291, 3725-46	5.4	29
72	Characterization of a second sterol-esterifying enzyme in <i>Toxoplasma</i> highlights the importance of cholesterol storage pathways for the parasite. <i>Molecular Microbiology</i> , 2013 , 87, 951-67	4.1	29
71	MYST family lysine acetyltransferase facilitates ataxia telangiectasia mutated (ATM) kinase-mediated DNA damage response in <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2010 , 285, 11154-61	5.4	29
70	Evidence that mutant PfCRT facilitates the transmission to mosquitoes of chloroquine-treated <i>Plasmodium</i> gametocytes. <i>Journal of Infectious Diseases</i> , 2011 , 203, 228-36	7	27
69	Endocytosis in different lifestyles of protozoan parasitism: role in nutrient uptake with special reference to <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2001 , 31, 1343-53	4.3	27
68	<i>Plasmodium falciparum</i> Rab5B is an N-terminally myristoylated Rab GTPase that is targeted to the parasite's plasma and food vacuole membranes. <i>PLoS ONE</i> , 2014 , 9, e87695	3.7	27
67	Non-canonical maturation of two papain-family proteases in <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2013 , 288, 3523-34	5.4	26
66	A transient forward-targeting element for microneme-regulated secretion in <i>Toxoplasma gondii</i> . <i>Biology of the Cell</i> , 2008 , 100, 253-64	3.5	26
65	Na ⁺ Influx Induced by New Antimalarials Causes Rapid Alterations in the Cholesterol Content and Morphology of <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2016 , 12, e1005647	7.6	26
64	KCTD7 deficiency defines a distinct neurodegenerative disorder with a conserved autophagy-lysosome defect. <i>Annals of Neurology</i> , 2018 , 84, 766-780	9.4	26
63	Deficiency of a Niemann-Pick, type C1-related protein in <i>Toxoplasma</i> is associated with multiple lipidoses and increased pathogenicity. <i>PLoS Pathogens</i> , 2011 , 7, e1002410	7.6	25
62	Mitochondria form contact sites with the nucleus to couple prosurvival retrograde response. <i>Science Advances</i> , 2020 , 6,	14.3	25
61	Novel Approaches To Kill <i>Toxoplasma gondii</i> by Exploiting the Uncontrolled Uptake of Unsaturated Fatty Acids and Vulnerability to Lipid Storage Inhibition of the Parasite. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	24
60	Identification and characterization of <i>Cryptosporidium parvum</i> Clec, a novel C-type lectin domain-containing mucin-like glycoprotein. <i>Infection and Immunity</i> , 2013 , 81, 3356-65	3.7	23
59	Host Organelle Hijackers: a similar modus operandi for <i>Toxoplasma gondii</i> and <i>Chlamydia trachomatis</i> : co-infection model as a tool to investigate pathogenesis. <i>Pathogens and Disease</i> , 2013 , 69, 72-86	4.2	22
58	How <i>Toxoplasma</i> and malaria parasites defy first, then exploit host autophagic and endocytic pathways for growth. <i>Current Opinion in Microbiology</i> , 2017 , 40, 32-39	7.9	22
57	The mevalonate pathway in parasitic protozoa and helminths. <i>Experimental Parasitology</i> , 1996 , 82, 76-85	2.1	22

56	Overexpression of Plasmodium berghei ATG8 by Liver Forms Leads to Cumulative Defects in Organelle Dynamics and to Generation of Noninfectious Merozoites. <i>MBio</i> , 2016 , 7,	7.8	22
55	Role of an ancestral d-bifunctional protein containing two sterol-carrier protein-2 domains in lipid uptake and trafficking in Toxoplasma. <i>Molecular Biology of the Cell</i> , 2009 , 20, 658-72	3.5	21
54	A molecular docking strategy identifies Eosin B as a non-active site inhibitor of protozoal bifunctional thymidylate synthase-dihydrofolate reductase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14092-100	5.4	21
53	Fussing About Fission: Defining Variety Among Mainstream and Exotic Apicomplexan Cell Division Modes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 269	5.9	20
52	New host nuclear functions are not required for the modifications of the parasitophorous vacuole of Toxoplasma. <i>Cellular Microbiology</i> , 2008 , 10, 465-76	3.9	20
51	A novel dense granule protein, GRA41, regulates timing of egress and calcium sensitivity in Toxoplasma gondii. <i>Cellular Microbiology</i> , 2017 , 19, e12749	3.9	19
50	Production of Neisseria meningitidis transferrin-binding protein B by recombinant Bordetella pertussis. <i>Infection and Immunity</i> , 2001 , 69, 5440-6	3.7	19
49	Conditional mutagenesis of a novel choline kinase demonstrates plasticity of phosphatidylcholine biogenesis and gene expression in Toxoplasma gondii. <i>Journal of Biological Chemistry</i> , 2012 , 287, 16289-99	5.4	18
48	Metamorphoses of malaria: the role of autophagy in parasite differentiation. <i>Essays in Biochemistry</i> , 2011 , 51, 127-36	7.6	18
47	AAH2 gene is not required for dopamine-dependent neurochemical and behavioral abnormalities produced by Toxoplasma infection in mouse. <i>Behavioural Brain Research</i> , 2018 , 347, 193-200	3.4	17
46	Hostile intruder: Toxoplasma holds host organelles captive. <i>PLoS Pathogens</i> , 2018 , 14, e1006893	7.6	17
45	A Glycosylphosphatidylinositol-Anchored Carbonic Anhydrase-Related Protein of Is Important for Rhoptry Biogenesis and Virulence. <i>MSphere</i> , 2017 , 2,	5	16
44	Aberrant sporogonic development of Dmc1 (a meiotic recombinase) deficient Plasmodium berghei parasites. <i>PLoS ONE</i> , 2012 , 7, e52480	3.7	16
43	Plasmodium falciparum-derived uric acid precipitates induce maturation of dendritic cells. <i>PLoS ONE</i> , 2013 , 8, e55584	3.7	16
42	The Cardiac Microenvironment Instructs Divergent Monocyte Fates and Functions in Myocarditis. <i>Cell Reports</i> , 2019 , 28, 172-189.e7	10.6	15
41	Fierce competition between Toxoplasma and Chlamydia for host cell structures in dually infected cells. <i>Eukaryotic Cell</i> , 2013 , 12, 265-77		14
40	Molecular dissection and expression of the LdK39 kinesin in the human pathogen, Leishmania donovani. <i>Molecular Microbiology</i> , 2007 , 63, 962-79	4.1	13
39	Identification of a specific epitope on the extracellular domain of the LDL-receptor of Trypanosoma brucei brucei. <i>Molecular and Biochemical Parasitology</i> , 1994 , 63, 193-202	1.9	13

38	A novel co-infection model with <i>Toxoplasma</i> and <i>Chlamydia trachomatis</i> highlights the importance of host cell manipulation for nutrient scavenging. <i>Cellular Microbiology</i> , 2013 , 15, 619-46	3.9	12
37	Modelling <i>Toxoplasma gondii</i> infection in a 3D cell culture system In Vitro: Comparison with infection in 2D cell monolayers. <i>PLoS ONE</i> , 2018 , 13, e0208558	3.7	12
36	Role of Chloroquine Resistance Transporter in Bradyzoite Viability and Digestive Vacuole Maintenance. <i>MBio</i> , 2019 , 10,	7.8	11
35	The Plasmodium PHIST and RESA-Like Protein Families of Human and Rodent Malaria Parasites. <i>PLoS ONE</i> , 2016 , 11, e0152510	3.7	11
34	Lipids Affect the <i>Cryptococcus neoformans</i> -Macrophage Interaction and Promote Nonlytic Exocytosis. <i>Infection and Immunity</i> , 2017 , 85,	3.7	10
33	Dynamics of the major histocompatibility complex class I processing and presentation pathway in the course of malaria parasite development in human hepatocytes: implications for vaccine development. <i>PLoS ONE</i> , 2013 , 8, e75321	3.7	10
32	An update on the rapid advances in malaria parasite cell biology. <i>Trends in Parasitology</i> , 2010 , 26, 305-106.4		9
31	Identification and Localization of the First Known Proteins of the Cytostome Cytopharynx Endocytic Complex. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 445	5.9	7
30	<i>Toxoplasma</i> TgATG9 is critical for autophagy and long-term persistence in tissue cysts. <i>ELife</i> , 2021 , 10,	8.9	7
29	Introduction of caveolae structural proteins into the protozoan <i>Toxoplasma</i> results in the formation of heterologous caveolae but not caveolar endocytosis. <i>PLoS ONE</i> , 2012 , 7, e51773	3.7	6
28	Endothelial thrombomodulin downregulation caused by hypoxia contributes to severe infiltration and coagulopathy in COVID-19 patient lungs.. <i>EBioMedicine</i> , 2022 , 75, 103812	8.8	6
27	A plastid two-pore channel essential for inter-organelle communication and growth of <i>Toxoplasma gondii</i> . <i>Nature Communications</i> , 2021 , 12, 5802	17.4	6
26	The Modular Circuitry of Apicomplexan Cell Division Plasticity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 670049	5.9	5
25	Aquaglyceroporin PbAQP is required for efficient progression through the liver stage of Plasmodium infection. <i>Scientific Reports</i> , 2018 , 8, 655	4.9	4
24	TgTKL1 Is a Unique Plant-Like Nuclear Kinase That Plays an Essential Role in Acute Toxoplasmosis. <i>MBio</i> , 2018 , 9,	7.8	4
23	<i>Toxoplasma</i> , or the discovery of a heterophage. <i>Trends in Parasitology</i> , 2014 , 30, 467-9	6.4	4
22	Studying Membrane Trafficking in <i>Toxoplasma gondii</i> Using Correlative Light and Electron Microscopy (CLEM). <i>Microscopy and Microanalysis</i> , 2015 , 21, 535-536	0.5	4
21	A Plasmodium homolog of ER tubule-forming proteins is required for parasite virulence. <i>Molecular Microbiology</i> , 2020 , 114, 454-467	4.1	3

20	Biochemistry and Metabolism of <i>Toxoplasma gondii</i> 2014 , 257-295		2
19	Toxoplasmaferlin1 is a versatile and dynamic mediator of microneme trafficking and secretion		2
18	Quantitative Fluorescence Microscopy for Detecting Mammalian Rab Vesicles within the Parasitophorous Vacuole of the Human Pathogen <i>Toxoplasma gondii</i> . <i>Methods in Molecular Biology</i> , 2021 , 2293, 295-305	1.4	2
17	S Basal Complex: The Other Apicomplexan Business End Is Multifunctional.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 882166	5.9	2
16	Robbing Host Phosphatidic Acid to Survive: A Strategy of a Fly Parasite. <i>Trends in Parasitology</i> , 2019 , 35, 336-338	6.4	1
15	Sitting in the driver's seat: Manipulation of mammalian cell Rab GTPase functions by apicomplexan parasites. <i>Biology of the Cell</i> , 2020 , 112, 187-195	3.5	1
14	Dense granule protein, GRA64 interacts with host cell ESCRT proteins during <i>Toxoplasma gondii</i> infection		1
13	A single Na ⁺ -Pi cotransporter in <i>Toxoplasma</i> plays key roles in phosphate import and control of parasite osmoregulation. <i>PLoS Pathogens</i> , 2020 , 16, e1009067	7.6	1
12	<i>Toxoplasma</i> TgATG9 is critical for autophagy and long-term persistence in tissue cysts		1
11	<i>Listeria monocytogenes</i> virulence factors are secreted in biologically active Extracellular Vesicles		1
10	Biochemistry and metabolism of <i>Toxoplasma gondii</i> : lipid synthesis and uptake 2020 , 367-395		1
9	Chemoprophylaxis vaccination with a <i>Plasmodium</i> liver stage autophagy mutant affords enhanced and long-lasting protection. <i>Npj Vaccines</i> , 2021 , 6, 98	9.5	1
8	.. <i>Molecular Biology of the Cell</i> , 2022 , mbcE21060284	3.5	0
7	Unusual features and localization of the membrane kinome of <i>Trypanosoma brucei</i> . <i>PLoS ONE</i> , 2021 , 16, e0258814	3.7	
6	A single Na ⁺ -Pi cotransporter in <i>Toxoplasma</i> plays key roles in phosphate import and control of parasite osmoregulation 2020 , 16, e1009067		
5	A single Na ⁺ -Pi cotransporter in <i>Toxoplasma</i> plays key roles in phosphate import and control of parasite osmoregulation 2020 , 16, e1009067		
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2 A single Na⁺-Pi cotransporter in *Toxoplasma* plays key roles in phosphate import and control of parasite osmoregulation **2020**, 16, e1009067

1 A single Na⁺-Pi cotransporter in *Toxoplasma* plays key roles in phosphate import and control of parasite osmoregulation **2020**, 16, e1009067