Isabelle Tardieux

List of Publications by Year
in descending order

58	3,458	186265 28	149698 56
papers	citations	h-index	g-index

66	66	66	3274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lysosome recruitment and fusion are early events required for trypanosome invasion of mammalian cells. Cell, 1992, 71, 1117-1130.	28.9	374
2	CD11c- and CD11b-expressing mouse leukocytes transport single Toxoplasma gondii tachyzoites to the brain. Blood, 2006, 107, 309-316.	1.4	340
3	A Toxoplasma dense granule protein, GRA24, modulates the early immune response to infection by promoting a direct and sustained host p38 MAPK activation. Journal of Experimental Medicine, 2013, 210, 2071-2086.	8.5	252
4	The surface protein HvgA mediates group B streptococcus hypervirulence and meningeal tropism in neonates. Journal of Experimental Medicine, 2010, 207, 2313-2322.	8.5	240
5	Role in host cell invasion of Trypanosoma cruzi-induced cytosolic-free Ca2+ transients.. Journal of Experimental Medicine, 1994, 179, 1017-1022.	8.5	203
6	Toxoplasma gondii TgIST co-opts host chromatin repressors dampening STAT1-dependent gene regulation and IFN-Î³â€“mediated host defenses. Journal of Experimental Medicine, 2016, 213, 1779-1798.	8.5	173
7	Host Cell Entry by Apicomplexa Parasites Requires Actin Polymerization in the Host Cell. Cell Host and Microbe, 2009, 5, 259-272.	11.0	131
8	Apical membrane antigen 1 mediates apicomplexan parasite attachment but is dispensable for host cell invasion. Nature Communications, 2013, 4, 2552.	12.8	121
9	The Toxoplasma Acto-MyoA Motor Complex Is Important but Not Essential for Gliding Motility and Host Cell Invasion. PLoS ONE, 2014, 9, e91819.	2.5	107
10	Independent Roles of Apical Membrane Antigen 1 and Rhoptry Neck Proteins during Host Cell Invasion by Apicomplexa. Cell Host and Microbe, 2011, 10, 591-602.	11.0	105
11	The Toxoplasma effector TEEGR promotes parasite persistence by modulating NF-ÎºB signalling via EZH2. Nature Microbiology, 2019, 4, 1208-1220.	13.3	79
12	Actin Dynamics Is Controlled by a Casein Kinase II and Phosphatase 2C Interplay onToxoplasma gondiiToxofilin. Molecular Biology of the Cell, 2003, 14, 1900-1912.	2.1	71
13	Toxofilin, a Novel Actin-binding Protein fromToxoplasma gondii, Sequesters Actin Monomers and Caps Actin Filaments. Molecular Biology of the Cell, 2000, 11, 355-368.	2.1	70
14	Reassessing the mechanics of parasite motility and host-cell invasion. Journal of Cell Biology, 2016, 214, 507-515.	5.2	70
15	SET8-Mediated Methylations of Histone H4 Lysine 20 Mark Silent Heterochromatic Domains in Apicomplexan Genomes. Molecular and Cellular Biology, 2007, 27, 5711-5724.	2.3	69
16	Host Cell Invasion by Apicomplexan Parasites: The Junction Conundrum. PLoS Pathogens, 2014, 10, e1004273.	4.7	65
17	Toxofilin upregulates the host cortical actin cytoskeleton dynamics facilitating Toxoplasma invasion. Journal of Cell Science, 2012, 125, 4333-42.	2.0	64
18	Characterization of a Toxoplasma effector uncovers an alternative GSK3/Î²-catenin-regulatory pathway of inflammation. ELife, 2018, 7, .	6.0	64

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19	Toxoplasmaexports dense granule proteins beyond the vacuole to the host cell nucleus and rewires the host genome expression. Cellular Microbiology, 2014, 16, 334-343.	2.1	60
20	APlasmodium falciparumnovel gene encoding a coronin-like protein which associates with actin filaments. FEBS Letters, 1998, 441, 251-256.	2.8	53
21	Toxoplasma gondii motility and host cell invasiveness are drastically impaired by jasplakinolide, a cyclic peptide stabilizing F-actin. Microbes and Infection, 1999, 1, 653-662.	1.9	50
22	Group B Streptococcus surface proteins as major determinants for meningeal tropism. Current Opinion in Microbiology, 2012, 15, 44-49.	5.1	49
23	Toxoplasma Parasite Twisting Motion Mechanically Induces Host Cell Membrane Fission to Complete Invasion within a Protective Vacuole. Cell Host and Microbe, 2018, 24, 81-96.e5.	11.0	44
24	Variation Among Strains of Aedes aegypti in Susceptibility to Oral Infection with Dengue Virus Type 2. American Journal of Tropical Medicine and Hygiene, 1990, 43, 308-313.	1.4	40
25	Actin-binding proteins of invasive malaria parasites and the regulation of actin polymerization by a complex of 32/34-kDa proteins associated with heat shock protein 70kDa. Molecular and Biochemical Parasitology, 1998, 93, 295-308.	1.1	35
26	Migration of Apicomplexa Across Biological Barriers: The Toxoplasma and Plasmodium Rides. Traffic, 2008, 9, 627-635.	2.7	35
27	The toxoplasma-host cell junction is anchored to the cell cortex to sustain parasite invasive force. BMC Biology, 2014, 12, 773.	3.8	35
28	Genetic impairment of parasite myosin motors uncovers the contribution of host cell membrane dynamics to Toxoplasma invasion forces. BMC Biology, 2016, 14, 97.	3.8	31
29	Toxofilin from Toxoplasma gondii forms a ternary complex with an antiparallel actin dimer. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16122-16127.	7.1	30
30	A Toxoplasma type 2C serine-threonine phosphatase is involved in parasite growth in the mammalian host cell. Microbes and Infection, 2009, 11, 935-945.	1.9	30
31	Coupling Polar Adhesion with Traction, Spring, and Torque Forces Allows High-Speed Helical Migration of the Protozoan Parasite Toxoplasma. ACS Nano, 2020, 14, 7121-7139.	14.6	30
32	Modifications at K31 on the lateral surface of histone H4 contribute to genome structure and expression in apicomplexan parasites. ELife, 2017, 6, .	6.0	29
33	A role for Toxoplasma gondii type 1 ser/thr protein phosphatase in host cell invasion.. Microbes and Infection, 2002, 4, 271-278.	1.9	28
34	Spire-1 a novel contributor of invadosome and associated invasive properties. Journal of Cell Science, 2013, 127, 328-40.	2.0	26
35	Profiling of myristoylation in Toxoplasma gondii reveals an N-myristoylated protein important for host cell penetration. ELife, 2020, 9, .	6.0	24
36	Rab11A regulates dense granule transport and secretion during Toxoplasma gondii invasion of host cells and parasite replication. PLoS Pathogens, 2020, 16, e1008106.	4.7	23

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37	Apicomplexan Fâ€actin is required for efficient nuclear entry during host cell invasion. EMBO Reports, 2019, 20, e48896.	4.5	22
38	The use of nocodazole in cell cycle analysis and parasite purification from Theileria parva-infected B cells. Microbes and Infection, 1999, 1, 1181-1188.	1.9	19
39	AMA1-Deficient Toxoplasma gondii Parasites Transiently Colonize Mice and Trigger an Innate Immune Response That Leads to Long-Lasting Protective Immunity. Infection and Immunity, 2015, 83, 2475-2486.	2.2	19
40	Induction of a thelytokous reproduction in theAphidius colemani(Hym., Aphidiidae) complex. Journal of Applied Entomology, 1988, 106, 58-61.	1.8	18
41	Analysis of Inheritance of Oral Susceptibility of Aedes aegypti (Diptera: Culicidae) to Dengue-2 Virus Using Isofemale Lines. Journal of Medical Entomology, 1991, 28, 518-521.	1.8	17
42	The toxofilinâ€“actinâ€“PP2C complex of Toxoplasma: identification of interacting domains. Biochemical Journal, 2007, 401, 711-719.	3.7	17
43	Host cell invasion by apicomplexans: what do we know?. Trends in Parasitology, 2012, 28, 131-135.	3.3	15
44	Francisella novicida and F. philomiragia biofilm features conditionning fitness in spring water and in presence of antibiotics. PLoS ONE, 2020, 15, e0228591.	2.5	15
45	Specific Targeting of Plant and Apicomplexa Parasite Tubulin through Differential Screening Using In Silico and Assay-Based Approaches. International Journal of Molecular Sciences, 2018, 19, 3085.	4.1	10
46	Protein Phosphatase 2C of Toxoplasma Gondii Interacts with Human SSRP1 and Negatively Regulates Cell Apoptosis. Biomedical and Environmental Sciences, 2014, 27, 883-93.	0.2	10
47	Use of DNA amplification for rapid detection of dengue viruses in midgut cells of individual mosquitoes. Research in Virology, 1990, 141, 455-457.	0.7	8
48	A brain cyst load-associated antigen is a Toxoplasma gondii biomarker for serodetection of persistent parasites and chronic infection. BMC Biology, 2021, 19, 25.	3.8	8
49	Role of some epigenetic factors influencing the host suitability of Myzus persicae for the parasitoid Aphidius colemani. Entomologia Experimentalis Et Applicata, 1990, 54, 73-80.	1.4	4
50	Oral susceptibility of Aedes albopictus to dengue type 2 virus: a study of infection kinetics, using the polymerase chain reaction for viral detection. Medical and Veterinary Entomology, 1992, 6, 311-317.	1.5	4
51	Actin Nanobodies Uncover the Mystery of Actin Filament Dynamics in Toxoplasma gondii. Trends in Parasitology, 2017, 33, 579-581.	3.3	4
52	The BCC7 Protein Contributes to the Toxoplasma Basal Pole by Interfacing between the MyoC Motor and the IMC Membrane Network. International Journal of Molecular Sciences, 2022, 23, 5995.	4.1	3
53	Intracellular protozoan parasites: living probes of the host cell surface molecular repertoire. Current Opinion in Microbiology, 2019, 52, 116-123.	5.1	1
54	Parasitism as a lifestyle: Ultimate intimacy between Apicomplexan protozoans and metazoan hosts. Biology of the Cell, 2021, 113, 131-132.	2.0	1

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55	Phenotyping Toxoplasma Invasive Skills by Fast Live Cell Imaging. Methods in Molecular Biology, 2020, 2071, 209-220.	0.9	1
56	Editorial overview. Current Opinion in Microbiology, 2011, 14, 412-413.	5.1	0
57	The Leishmania donovani LDBPK_220120.1 Gene Encodes for an Atypical Dual Specificity Lipid-Like Phosphatase Expressed in Promastigotes and Amastigotes; Substrate Specificity, Intracellular Localizations, and Putative Role(s). Frontiers in Cellular and Infection Microbiology, 2021, 11, 591868.	3.9	0
58	The power of parasite collectives. Nature Physics, 2022, 18, 491-492.	16.7	0