

Isabelle Tardieux

List of Publications by Year in descending order

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58
papers

3,458
citations

186265

28
h-index

149698

56
g-index

66
all docs

66
docs citations

66
times ranked

3274
citing authors

#	ARTICLE	IF	CITATIONS
1	The power of parasite collectives. <i>Nature Physics</i> , 2022, 18, 491-492.	16.7	0
2	The BCC7 Protein Contributes to the <i>Toxoplasma</i> Basal Pole by Interfacing between the MyoC Motor and the IMC Membrane Network. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5995.	4.1	3
3	Parasitism as a lifestyle: Ultimate intimacy between Apicomplexan protozoans and metazoan hosts. <i>Biology of the Cell</i> , 2021, 113, 131-132.	2.0	1
4	A brain cyst load-associated antigen is a <i>Toxoplasma gondii</i> biomarker for serodetection of persistent parasites and chronic infection. <i>BMC Biology</i> , 2021, 19, 25.	3.8	8
5	The <i>Leishmania donovani</i> 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). <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 591868.	3.9	0
6	Coupling Polar Adhesion with Traction, Spring, and Torque Forces Allows High-Speed Helical Migration of the Protozoan Parasite <i>Toxoplasma</i> . <i>ACS Nano</i> , 2020, 14, 7121-7139.	14.6	30
7	Rab11A regulates dense granule transport and secretion during <i>Toxoplasma gondii</i> invasion of host cells and parasite replication. <i>PLoS Pathogens</i> , 2020, 16, e1008106.	4.7	23
8	<i>Francisella novicida</i> and <i>F. philomiragia</i> biofilm features conditioning fitness in spring water and in presence of antibiotics. <i>PLoS ONE</i> , 2020, 15, e0228591.	2.5	15
9	Phenotyping <i>Toxoplasma</i> Invasive Skills by Fast Live Cell Imaging. <i>Methods in Molecular Biology</i> , 2020, 2071, 209-220.	0.9	1
10	Profiling of myristoylation in <i>Toxoplasma gondii</i> reveals an N-myristoylated protein important for host cell penetration. <i>ELife</i> , 2020, 9, .	6.0	24
11	Intracellular protozoan parasites: living probes of the host cell surface molecular repertoire. <i>Current Opinion in Microbiology</i> , 2019, 52, 116-123.	5.1	1
12	The <i>Toxoplasma</i> effector TEEGR promotes parasite persistence by modulating NF- κ B signalling via EZH2. <i>Nature Microbiology</i> , 2019, 4, 1208-1220.	13.3	79
13	Apicomplexan β -actin is required for efficient nuclear entry during host cell invasion. <i>EMBO Reports</i> , 2019, 20, e48896.	4.5	22
14	Specific Targeting of Plant and Apicomplexa Parasite Tubulin through Differential Screening Using In Silico and Assay-Based Approaches. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3085.	4.1	10
15	<i>Toxoplasma</i> Parasite Twisting Motion Mechanically Induces Host Cell Membrane Fission to Complete Invasion within a Protective Vacuole. <i>Cell Host and Microbe</i> , 2018, 24, 81-96.e5.	11.0	44
16	Characterization of a <i>Toxoplasma</i> effector uncovers an alternative GSK3/ β -catenin-regulatory pathway of inflammation. <i>ELife</i> , 2018, 7, .	6.0	64
17	Actin Nanobodies Uncover the Mystery of Actin Filament Dynamics in <i>Toxoplasma gondii</i> . <i>Trends in Parasitology</i> , 2017, 33, 579-581.	3.3	4
18	Modifications at K31 on the lateral surface of histone H4 contribute to genome structure and expression in apicomplexan parasites. <i>ELife</i> , 2017, 6, .	6.0	29

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19	<i>Toxoplasma gondii</i> TgIST co-opts host chromatin repressors dampening STAT1-dependent gene regulation and IFN- γ mediated host defenses. <i>Journal of Experimental Medicine</i> , 2016, 213, 1779-1798.	8.5	173
20	Reassessing the mechanics of parasite motility and host-cell invasion. <i>Journal of Cell Biology</i> , 2016, 214, 507-515.	5.2	70
21	Genetic impairment of parasite myosin motors uncovers the contribution of host cell membrane dynamics to <i>Toxoplasma</i> invasion forces. <i>BMC Biology</i> , 2016, 14, 97.	3.8	31
22	AMA1-Deficient <i>Toxoplasma gondii</i> Parasites Transiently Colonize Mice and Trigger an Innate Immune Response That Leads to Long-Lasting Protective Immunity. <i>Infection and Immunity</i> , 2015, 83, 2475-2486.	2.2	19
23	The <i>Toxoplasma</i> Acto-MyoA Motor Complex Is Important but Not Essential for Gliding Motility and Host Cell Invasion. <i>PLoS ONE</i> , 2014, 9, e91819.	2.5	107
24	Host Cell Invasion by Apicomplexan Parasites: The Junction Conundrum. <i>PLoS Pathogens</i> , 2014, 10, e1004273.	4.7	65
25	The toxoplasma-host cell junction is anchored to the cell cortex to sustain parasite invasive force. <i>BMC Biology</i> , 2014, 12, 773.	3.8	35
26	<i>Toxoplasma</i> exports dense granule proteins beyond the vacuole to the host cell nucleus and rewires the host genome expression. <i>Cellular Microbiology</i> , 2014, 16, 334-343.	2.1	60
27	Protein Phosphatase 2C of <i>Toxoplasma Gondii</i> Interacts with Human SSRP1 and Negatively Regulates Cell Apoptosis. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 883-93.	0.2	10
28	Apical membrane antigen 1 mediates apicomplexan parasite attachment but is dispensable for host cell invasion. <i>Nature Communications</i> , 2013, 4, 2552.	12.8	121
29	Spire-1 a novel contributor of invadosome and associated invasive properties. <i>Journal of Cell Science</i> , 2013, 127, 328-40.	2.0	26
30	A <i>Toxoplasma</i> dense granule protein, GRA24, modulates the early immune response to infection by promoting a direct and sustained host p38 MAPK activation. <i>Journal of Experimental Medicine</i> , 2013, 210, 2071-2086.	8.5	252
31	Toxofilin upregulates the host cortical actin cytoskeleton dynamics facilitating <i>Toxoplasma</i> invasion. <i>Journal of Cell Science</i> , 2012, 125, 4333-42.	2.0	64
32	Group B Streptococcus surface proteins as major determinants for meningeal tropism. <i>Current Opinion in Microbiology</i> , 2012, 15, 44-49.	5.1	49
33	Host cell invasion by apicomplexans: what do we know?. <i>Trends in Parasitology</i> , 2012, 28, 131-135.	3.3	15
34	Independent Roles of Apical Membrane Antigen 1 and Rhoptry Neck Proteins during Host Cell Invasion by Apicomplexa. <i>Cell Host and Microbe</i> , 2011, 10, 591-602.	11.0	105
35	Editorial overview. <i>Current Opinion in Microbiology</i> , 2011, 14, 412-413.	5.1	0
36	The surface protein HvgA mediates group B streptococcus hypervirulence and meningeal tropism in neonates. <i>Journal of Experimental Medicine</i> , 2010, 207, 2313-2322.	8.5	240

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37	A <i>Toxoplasma</i> type 2C serine-threonine phosphatase is involved in parasite growth in the mammalian host cell. <i>Microbes and Infection</i> , 2009, 11, 935-945.	1.9	30
38	Host Cell Entry by Apicomplexa Parasites Requires Actin Polymerization in the Host Cell. <i>Cell Host and Microbe</i> , 2009, 5, 259-272.	11.0	131
39	Migration of Apicomplexa Across Biological Barriers: The <i>Toxoplasma</i> and <i>Plasmodium</i> Rides. <i>Traffic</i> , 2008, 9, 627-635.	2.7	35
40	Toxofilin from <i>Toxoplasma gondii</i> forms a ternary complex with an antiparallel actin dimer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16122-16127.	7.1	30
41	SET8-Mediated Methylations of Histone H4 Lysine 20 Mark Silent Heterochromatic Domains in Apicomplexan Genomes. <i>Molecular and Cellular Biology</i> , 2007, 27, 5711-5724.	2.3	69
42	The toxofilin-actin-PP2C complex of <i>Toxoplasma</i> : identification of interacting domains. <i>Biochemical Journal</i> , 2007, 401, 711-719.	3.7	17
43	CD11c- and CD11b-expressing mouse leukocytes transport single <i>Toxoplasma gondii</i> tachyzoites to the brain. <i>Blood</i> , 2006, 107, 309-316.	1.4	340
44	Actin Dynamics Is Controlled by a Casein Kinase II and Phosphatase 2C Interplay on <i>Toxoplasma gondii</i> Toxofilin. <i>Molecular Biology of the Cell</i> , 2003, 14, 1900-1912.	2.1	71
45	A role for <i>Toxoplasma gondii</i> type 1 ser/thr protein phosphatase in host cell invasion.. <i>Microbes and Infection</i> , 2002, 4, 271-278.	1.9	28
46	Toxofilin, a Novel Actin-binding Protein from <i>Toxoplasma gondii</i> , Sequesters Actin Monomers and Caps Actin Filaments. <i>Molecular Biology of the Cell</i> , 2000, 11, 355-368.	2.1	70
47	The use of nocodazole in cell cycle analysis and parasite purification from <i>Theileria parva</i> -infected B cells. <i>Microbes and Infection</i> , 1999, 1, 1181-1188.	1.9	19
48	<i>Toxoplasma gondii</i> motility and host cell invasiveness are drastically impaired by jasplakinolide, a cyclic peptide stabilizing F-actin. <i>Microbes and Infection</i> , 1999, 1, 653-662.	1.9	50
49	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. <i>Molecular and Biochemical Parasitology</i> , 1998, 93, 295-308.	1.1	35
50	<i>Plasmodium falciparum</i> novel gene encoding a coronin-like protein which associates with actin filaments. <i>FEBS Letters</i> , 1998, 441, 251-256.	2.8	53
51	Role in host cell invasion of <i>Trypanosoma cruzi</i> -induced cytosolic-free Ca ²⁺ transients.. <i>Journal of Experimental Medicine</i> , 1994, 179, 1017-1022.	8.5	203
52	Lysosome recruitment and fusion are early events required for trypanosome invasion of mammalian cells. <i>Cell</i> , 1992, 71, 1117-1130.	28.9	374
53	Oral susceptibility of <i>Aedes albopictus</i> to dengue type 2 virus: a study of infection kinetics, using the polymerase chain reaction for viral detection. <i>Medical and Veterinary Entomology</i> , 1992, 6, 311-317.	1.5	4
54	Analysis of Inheritance of Oral Susceptibility of <i>Aedes aegypti</i> (Diptera: Culicidae) to Dengue-2 Virus Using Isofemale Lines. <i>Journal of Medical Entomology</i> , 1991, 28, 518-521.	1.8	17

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55	Role of some epigenetic factors influencing the host suitability of <i>Myzus persicae</i> for the parasitoid <i>Aphidius colemani</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1990, 54, 73-80.	1.4	4
56	Use of DNA amplification for rapid detection of dengue viruses in midgut cells of individual mosquitoes. <i>Research in Virology</i> , 1990, 141, 455-457.	0.7	8
57	Variation Among Strains of <i>Aedes aegypti</i> in Susceptibility to Oral Infection with Dengue Virus Type 2. <i>American Journal of Tropical Medicine and Hygiene</i> , 1990, 43, 308-313.	1.4	40
58	Induction of a thelytokous reproduction in the <i>Aphidius colemani</i> (Hym., Aphidiidae) complex. <i>Journal of Applied Entomology</i> , 1988, 106, 58-61.	1.8	18