

Isabelle Florent

List of Publications by Year in descending order

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61
papers

1,664
citations

304602

22
h-index

315616

38
g-index

65
all docs

65
docs citations

65
times ranked

2432
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016, 12, e1005763.	2.1	244
2	Rapid protein evolution, organellar reductions, and invasive intronic elements in the marine aerobic parasite dinoflagellate <i>Amoebophrya</i> spp. <i>BMC Biology</i> , 2021, 19, 1.	1.7	135
3	Properties, stage-dependent expression and localization of <i>Plasmodium falciparum</i> M1 family zinc-aminopeptidase. <i>Parasitology</i> , 2002, 125, 1-10.	0.7	99
4	Probiotics for the Control of Parasites: An Overview. <i>Journal of Parasitology Research</i> , 2011, 2011, 1-11.	0.5	97
5	Deconjugated Bile Salts Produced by Extracellular Bile-Salt Hydrolase-Like Activities from the Probiotic <i>Lactobacillus johnsonii</i> La1 Inhibit <i>Giardia duodenalis</i> In vitro Growth. <i>Frontiers in Microbiology</i> , 2016, 7, 1453.	1.5	62
6	A <i>Plasmodium falciparum</i> aminopeptidase gene belonging to the M1 family of zinc-metallopeptidases is expressed in erythrocytic stages. <i>Molecular and Biochemical Parasitology</i> , 1998, 97, 149-160.	0.5	61
7	Novel Selective Inhibitors of the Zinc Plasmodial Aminopeptidase PfA-M1 as Potential Antimalarial Agents. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1322-1334.	2.9	61
8	The trypanosome VSG expression site encodes adenylate cyclase and a leucine-rich putative regulatory gene.. <i>EMBO Journal</i> , 1991, 10, 2047-2053.	3.5	58
9	Synthesis of 1-indolyl substituted β -carboline natural products and discovery of antimalarial and cytotoxic activities. <i>Tetrahedron</i> , 2014, 70, 4910-4920.	1.0	58
10	Design, synthesis and antimalarial activity of novel, quinoline-Based, zinc metallo-aminopeptidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 2659-2662.	1.0	53
11	Bile-Salt-Hydrolases from the Probiotic Strain <i>Lactobacillus johnsonii</i> La1 Mediate Anti-giardial Activity in Vitro and in Vivo. <i>Frontiers in Microbiology</i> , 2017, 8, 2707.	1.5	48
12	Ultrastructure of <i>Selenidium pendula</i> , the Type Species of Archigregarines, and Phylogenetic Relations to Other Marine Apicomplexa. <i>Protist</i> , 2016, 167, 339-368.	0.6	40
13	Bile Salt Hydrolase Activities: A Novel Target to Screen Anti-Giardia <i>Lactobacilli</i> ?. <i>Frontiers in Microbiology</i> , 2018, 9, 89.	1.5	38
14	Structure-Activity Relationships and Blood Distribution of Antiplasmodial Aminopeptidase-1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10909-10917.	2.9	37
15	Biochemical properties and cellular localization of <i>Plasmodium falciparum</i> protein disulfide isomerase. <i>Biochimie</i> , 2007, 89, 337-346.	1.3	32
16	<i>Plasmodium falciparum</i> PfA-M1 aminopeptidase is trafficked via the parasitophorous vacuole and marginally delivered to the food vacuole. <i>Malaria Journal</i> , 2010, 9, 189.	0.8	31
17	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.	1.7	31
18	A new <i>Lactobacillus</i> in vivo expression system for the production and delivery of heterologous proteins at mucosal surfaces. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw117.	0.7	28

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19	A family of genes related to a new expression site-associated gene in <i>Trypanosoma equiperdum</i> . <i>Molecular and Cellular Biology</i> , 1991, 11, 2180-2188.	1.1	27
20	On the role of repeated sequences 5â€² to variant surface glycoprotein genes in African trypanosomes. <i>Gene</i> , 1987, 53, 55-62.	1.0	26
21	Cloning of <i>Plasmodium falciparum</i> protein disulfide isomerase homologue by affinity purification using the antiplasmodial inhibitor 1,4-bis{3-[N -(cyclohexyl methyl)amino]propyl}piperazine 1. <i>FEBS Letters</i> , 2000, 484, 246-252.	1.3	23
22	Aminocyclopropanes as precursors of endoperoxides with antimalarial activity. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5591.	1.5	22
23	Diversity and biological activities of the bacterial community associated with the marine sponge <i>Phorbas tenacior</i> (Porifera, Demospongiae). <i>Letters in Applied Microbiology</i> , 2014, 58, 42-52.	1.0	22
24	Selective inhibition of PfA-M1, over PfA-M17, by an amino-benzosuberone derivative blocks malaria parasites development in vitro and in vivo. <i>Malaria Journal</i> , 2017, 16, 382.	0.8	22
25	Cycloartane triterpenes from the leaves of <i>Neoboutonia macrocalyx</i> L. <i>Phytochemistry</i> , 2014, 102, 189-196.	1.4	19
26	Diversity of apostome ciliates, <i>Chromidina</i> spp. (Oligohymenophorea, Opalinopsidae), parasites of cephalopods of the Mediterranean Sea. <i>Parasite</i> , 2016, 23, 33.	0.8	19
27	Comparative Time-Scale Gene Expression Analysis Highlights the Infection Processes of Two <i>Amoebophrya</i> Strains. <i>Frontiers in Microbiology</i> , 2018, 9, 2251.	1.5	19
28	Characterization of PFDYN2, a dynamin-like protein of <i>Plasmodium falciparum</i> expressed in schizonts. <i>Microbes and Infection</i> , 2007, 9, 797-805.	1.0	18
29	Discovery of new targets for antimalarial chemotherapy. <i>Parasite</i> , 2008, 15, 219-225.	0.8	18
30	Metallopeptidases of <i>Toxoplasma gondii</i> in silico identification and gene expression. <i>Parasite</i> , 2018, 25, 26.	0.8	16
31	KBE009: An antimalarial bestatin-like inhibitor of the <i>Plasmodium falciparum</i> M1 aminopeptidase discovered in an Ugi multicomponent reaction-derived peptidomimetic library. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4628-4636.	1.4	15
32	Assessing functional annotation transfers with inter-species conserved coexpression: application to <i>Plasmodium falciparum</i> . <i>BMC Genomics</i> , 2010, 11, 35.	1.2	13
33	Discovery of novel non-competitive inhibitors of mammalian neutral M1 aminopeptidase (APN). <i>Biochimie</i> , 2017, 142, 216-225.	1.3	13
34	Bioinformatic strategies to provide functional clues to the unknown genes in <i>Plasmodium falciparum</i> genome. <i>Parasite</i> , 2010, 17, 273-283.	0.8	11
35	Why the "omic future of Apicomplexa should include gregarines. <i>Biology of the Cell</i> , 2020, 112, 173-185.	0.7	11
36	Aminobenzosuberone derivatives as PfA-M1 inhibitors: Molecular recognition and antiplasmodial evaluation. <i>Bioorganic Chemistry</i> , 2020, 98, 103750.	2.0	10

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37	Nutrient Acquisition and Attachment Strategies in Basal Lineages: A Tough Nut to Crack in the Evolutionary Puzzle of Apicomplexa. <i>Microorganisms</i> , 2021, 9, 1430.	1.6	10
38	Age and <i>Giardia intestinalis</i> Infection Impact Canine Gut Microbiota. <i>Microorganisms</i> , 2021, 9, 1862.	1.6	10
39	Access to New Endoperoxide Derivatives by Electrochemical Oxidation of Substituted 3-azabicyclo[4.1.0]heptanes. <i>Chemistry - A European Journal</i> , 2015, 21, 5584-5593.	1.7	9
40	<i>Plasmodium falciparum</i> genes differentially expressed during merozoite morphogenesis. <i>Molecular and Biochemical Parasitology</i> , 2004, 135, 143-148.	0.5	8
41	Comparative antibody responses against three antimalarial vaccine candidate antigens from urban and rural exposed individuals in Gabon. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 287-297.	1.5	8
42	Aminobenzosuberone Scaffold as a Modular Chemical Tool for the Inhibition of Therapeutically Relevant M1 Aminopeptidases. <i>Molecules</i> , 2018, 23, 2607.	1.7	8
43	Genome Sequence and Assessment of Safety and Potential Probiotic Traits of <i>Lactobacillus johnsonii</i> CNCM I-4884. <i>Microorganisms</i> , 2022, 10, 273.	1.6	8
44	Labelling of four distinct trophozoite falcipains of <i>Plasmodium falciparum</i> by a cystatin-derived probe. <i>Biological Chemistry</i> , 2005, 386, 401-6.	1.2	7
45	A <i>Plasmodium falciparum</i> FcB1-schizont-EST collection providing clues to schizont specific gene structure and polymorphism. <i>BMC Genomics</i> , 2009, 10, 235.	1.2	7
46	Antimalarial screening via large-scale purification of <i>Plasmodium falciparum</i> C ₂ +ATPase 6 and <i>in vitro</i> studies. <i>FEBS Journal</i> , 2013, 280, 5419-5429.	2.2	7
47	Marine gregarine genomes reveal the breadth of apicomplexan diversity with a partially conserved glideosome machinery. <i>BMC Genomics</i> , 2022, 23, .	1.2	7
48	<i>Plasmodium falciparum</i> : Functional mitochondrial ADP/ATP transporter in <i>Escherichia coli</i> plasmic membrane as a tool for selective drug screening. <i>Experimental Parasitology</i> , 2008, 118, 181-187.	0.5	6
49	Identification of Divergent Protein Domains by Combining HMM-HMM Comparisons and Co-Occurrence Detection. <i>PLoS ONE</i> , 2014, 9, e95275.	1.1	6
50	Redescription of <i>Dicyemenea eledones</i> (Wagener, 1857) (Phylum Dicyemida) from <i>Eledone cirrhosa</i> (Lamarck, 1798) (Mollusca: Cephalopoda: Octopoda). <i>Systematic Parasitology</i> , 2016, 93, 905-915.	0.5	5
51	<i>Plasmodium falciparum</i> proteinases: cloning of the putative gene coding for the merozoite proteinase for erythrocyte invasion (MPEI) and determination of hydrolysis sites of spectrin by Pf37 proteinase. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1994, 89, 47-49.	0.8	4
52	Immunoglobulin response to the low polymorphic Pf113 antigen in children from Lastoursville, South-East of Gabon. <i>Acta Tropica</i> , 2016, 163, 149-156.	0.9	3
53	Structure-activity relationship and molecular modelling studies of quinazolinone derivatives MMV665916 as potential antimalarial agent. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 51, 116513.	1.4	3
54	Integrative taxonomy confirms that <i>Gregarina garnhami</i> and <i>G. acridiorum</i> (Apicomplexa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (C distinct species. <i>Parasite</i> , 2021, 28, 12.	0.8	2

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55	Biochemical evidences for M1-, M17- and M18-like aminopeptidases in marine invertebrates from Cuban coastline. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 397-407.	0.6	2
56	Design, Synthesis and Antimalarial Activity of Novel, Quinoline-Based, Zinc Metallo-Aminopeptidase Inhibitors.. ChemInform, 2003, 34, no.	0.1	1
57	IgG antibody response against Plasmodium falciparum aminopeptidase 1 antigen in Gabonese children living in Makokou and Franceville. Clinical and Experimental Immunology, 2020, 200, 287-298.	1.1	1
58	Programmed Multiple C-H Bond Functionalization of the Privileged 4-hydroxyquinoline Template. Chemistry - A European Journal, 2021, 27, 7764-7772.	1.7	1
59	Probiotics as Anti-Giardia Defenders: Overview on Putative Control Mechanisms. , 2020, , 335-349.		1
60	Corrigendum to: Cloning of Plasmodium falciparum protein disulfide isomerase homologue by affinity purification using the antiplasmodial inhibitor 1,4-bis{3-[N -(cyclohexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Tcb(methyl)amino]pro		
61	Nouveaux triterpènes à activité antiplasmodiale isolés des feuilles de Neoboutonia macrocalyx L., une plante consommée par les chimpanzés du parc national de Kibale (Ouganda). Revue De Primatologie, 2013, , .	0.0	0