

Aurelien Dumetre

List of Publications by Year in descending order

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47
papers

2,596
citations

172457

29
h-index

206112

48
g-index

51
all docs

51
docs citations

51
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic diversity, clonality and sexuality in <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2004, 34, 1185-1196.	3.1	312
2	Congenital Toxoplasmosis and Reinfection during Pregnancy: Case Report, Strain Characterization, Experimental Model of Reinfection, and Review. <i>Journal of Infectious Diseases</i> , 2009, 199, 280-285.	4.0	231
3	Environmental transmission of <i>Toxoplasma gondii</i> : Oocysts in water, soil and food. <i>Food and Waterborne Parasitology</i> , 2019, 15, e00049.	2.7	174
4	How to detect <i>Toxoplasma gondii</i> oocysts in environmental samples?. <i>FEMS Microbiology Reviews</i> , 2003, 27, 651-661.	8.6	169
5	<i>Toxoplasma gondii</i> infection in sheep from Haute-Vienne, France: Seroprevalence and isolate genotyping by microsatellite analysis. <i>Veterinary Parasitology</i> , 2006, 142, 376-379.	1.8	101
6	Quantitative Estimation of the Viability of <i>Toxoplasma gondii</i> Oocysts in Soil. <i>Applied and Environmental Microbiology</i> , 2012, 78, 5127-5132.	3.1	101
7	Assessing viability and infectivity of foodborne and waterborne stages (cysts/oocysts) of <i>Giardia duodenalis</i> , <i>Cryptosporidium</i> spp., and <i>Toxoplasma gondii</i> : a review of methods. <i>Parasite</i> , 2018, 25, 14.	2.0	87
8	Multiplex PCR for Typing Strains of <i>Toxoplasma gondii</i> . <i>Journal of Clinical Microbiology</i> , 2005, 43, 1940-1943.	3.9	80
9	Original quinazoline derivatives displaying antiplasmodial properties. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 616-622.	5.5	78
10	Monitoring of <i>Cryptosporidium</i> and <i>Giardia</i> river contamination in Paris area. <i>Water Research</i> , 2009, 43, 211-217.	11.3	77
11	Effects of ozone and ultraviolet radiation treatments on the infectivity of <i>Toxoplasma gondii</i> oocysts. <i>Veterinary Parasitology</i> , 2008, 153, 209-213.	1.8	73
12	Synthesis and antiprotozoal activity of 4-aryl coumarins. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 864-869.	5.5	64
13	Detection of <i>Toxoplasma gondii</i> oocysts in environmental soil samples using molecular methods. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 599-605.	2.9	55
14	Mechanics of the <i>Toxoplasma gondii</i> oocyst wall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11535-11540.	7.1	55
15	Simultaneous detection of the protozoan parasites <i>Toxoplasma</i> , <i>Cryptosporidium</i> and <i>Giardia</i> in food matrices and their persistence on basil leaves. <i>Food Microbiology</i> , 2016, 57, 36-44.	4.2	53
16	Synthesis and in vitro antiplasmodial evaluation of 4-anilino-2-trichloromethylquinazolines. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4313-4322.	3.0	51
17	Interaction Forces Drive the Environmental Transmission of Pathogenic Protozoa. <i>Applied and Environmental Microbiology</i> , 2012, 78, 905-912.	3.1	51
18	Immunomagnetic separation of <i>Toxoplasma gondii</i> oocysts using a monoclonal antibody directed against the oocyst wall. <i>Journal of Microbiological Methods</i> , 2005, 61, 209-217.	1.6	50

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19	Discovery of a new antileishmanial hit in 8-nitroquinoline series. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 75-86.	5.5	50
20	Development of a sensitive method for <i>Toxoplasma gondii</i> oocyst extraction in soil. <i>Veterinary Parasitology</i> , 2011, 183, 59-67.	1.8	47
21	Detection of <i>Toxoplasma gondii</i> in water by an immunomagnetic separation method targeting the sporocysts. <i>Parasitology Research</i> , 2007, 101, 989-996.	1.6	41
22	Synthesis and biological evaluation of new heterocyclic quinolinones as anti-parasite and anti-HIV drug candidates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5962-5964.	2.2	41
23	Serological survey of caprine toxoplasmosis in Ethiopia: prevalence and risk factors. <i>Parasite</i> , 2007, 14, 155-159.	2.0	40
24	Anti-HIV and antiplasmodial activity of original flavonoid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6012-6023.	3.0	39
25	Purification of <i>Toxoplasma gondii</i> oocysts by cesium chloride gradient. <i>Journal of Microbiological Methods</i> , 2004, 56, 427-430.	1.6	37
26	New antiplasmodial alkaloids from <i>Stephania rotunda</i> . <i>Journal of Ethnopharmacology</i> , 2013, 145, 381-385.	4.1	36
27	Synthesis and evaluation of original amidoximes as antileishmanial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7310-7320.	3.0	34
28	4-Thiophenoxy-2-trichloromethylquinazolines display in vitro selective antiplasmodial activity against the human malaria parasite <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6003-6006.	2.2	32
29	Tools and Methods for Detecting and Characterizing <i>Giardia</i> , <i>Cryptosporidium</i> , and <i>Toxoplasma</i> Parasites in Marine Mollusks. <i>Journal of Food Protection</i> , 2013, 76, 1649-1658.	1.7	31
30	Structure, composition, and roles of the <i>Toxoplasma gondii</i> oocyst and sporocyst walls. <i>Cell Surface</i> , 2019, 5, 100016.	3.0	30
31	Prevalence of <i>Toxoplasma gondii</i> in Raptors from France. <i>Journal of Wildlife Diseases</i> , 2008, 44, 172-173.	0.8	29
32	Discovery of new thienopyrimidinone derivatives displaying antimalarial properties toward both erythrocytic and hepatic stages of <i>Plasmodium</i> . <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 16-28.	5.5	29
33	Preparation and antiprotozoal evaluation of promising $\hat{2}$ -carboline alkaloids. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 339-347.	5.6	28
34	Targeting the human malaria parasite <i>Plasmodium falciparum</i> : In vitro identification of a new antiplasmodial hit in 4-phenoxy-2-trichloromethylquinazoline series. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4184-4191.	5.5	27
35	Development of a qRT-PCR method to assess the viability of <i>Giardia intestinalis</i> cysts, <i>Cryptosporidium</i> spp. and <i>Toxoplasma gondii</i> oocysts. <i>Food Control</i> , 2016, 59, 359-365.	5.5	25
36	Contribution of treated wastewater to the microbiological quality of Seine River in Paris. <i>Water Research</i> , 2010, 44, 5222-5231.	11.3	23

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37	Synthesis and evaluation of monoamidoxime derivatives: Toward new antileishmanial compounds. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2984-2991.	5.5	20
38	Evaluation of propidium monoazide-based qPCR to detect viable oocysts of <i>Toxoplasma gondii</i> . <i>Parasitology Research</i> , 2019, 118, 999-1010.	1.6	18
39	A new, rapid and sensitive bioluminescence assay for drug screening on <i>Leishmania</i> . <i>Journal of Microbiological Methods</i> , 2013, 95, 320-323.	1.6	17
40	Macrophages facilitate the excystation and differentiation of <i>Toxoplasma gondii</i> sporozoites into tachyzoites following oocyst internalisation. <i>Scientific Reports</i> , 2016, 6, 33654.	3.3	14
41	A New Synthetic Route to Original Sulfonamide Derivatives in 2-Trichloromethylquinazoline Series: A Structure-Activity Relationship Study of Antiplasmodial Activity. <i>Molecules</i> , 2012, 17, 8105-8117.	3.8	12
42	<i>Toxoplasma gondii</i> Oocyst Infectivity Assessed Using a Sporocyst-Based Cell Culture Assay Combined with Quantitative PCR for Environmental Applications. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	10
43	Dynamics of <i>Toxoplasma gondii</i> Oocyst Phagocytosis by Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 207.	3.9	6
44	Effect of household bleach on the structure of the sporocyst wall of <i>Toxoplasma gondii</i> . <i>Parasite</i> , 2021, 28, 68.	2.0	6
45	HPLC Analysis of <i>Stephania rotunda</i> Extracts and Correlation with Antiplasmodial Activity. <i>Phytotherapy Research</i> , 2013, 27, 278-284.	5.8	5
46	A Decade of <i>Plasmodium falciparum</i> Metabolic Pathways of Therapeutic Interest to Develop New Selective Antimalarial Drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1340-1347.	2.4	5
47	Synthesis and Antiplasmodial Receptor Independent 4D-QSAR Study in 4-aryl-2-trichloromethylquinazoline Series. <i>Current Chemical Biology</i> , 2013, 7, 139-150.	0.5	1