

Philippe Grellier

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,237
citations

361413

20
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

1699
citing authors

#	ARTICLE	IF	CITATIONS
1	A Trypanosoma cruzi-secreted 80 kDa proteinase with specificity for human collagen types I and IV. <i>Biochemical Journal</i> , 1997, 325, 129-137.	3.7	123
2	Trypanosoma cruzi Prolyl Oligopeptidase Tc80 Is Involved in Nonphagocytic Mammalian Cell Invasion by Trypomastigotes. <i>Journal of Biological Chemistry</i> , 2001, 276, 47078-47086.	3.4	105
3	Synthesis and biological activity evaluation of 5-pyrazoline substituted 4-thiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 228-237.	5.5	85
4	Synthesis of polysubstituted benzofuran derivatives as novel inhibitors of parasitic growth. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4885-4892.	3.0	84
5	Exploring the environmental diversity of kinetoplastid flagellates in the high-throughput DNA sequencing era. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 956-965.	1.6	75
6	Photochemical inactivation with amotosalen and long wavelength ultraviolet light of <i>Plasmodium</i> and <i>Babesia</i> in platelet and plasma components. <i>Transfusion</i> , 2008, 48, 1676-1684.	1.6	57
7	Synthesis and antitrypanosomal activity of new 6,6,7-trisubstituted thiopyrano[2,3-d][1,3]thiazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7071-7074.	2.2	51
8	Prolyl oligopeptidase of Trypanosoma brucei hydrolyzes native collagen, peptide hormones and is active in the plasma of infected mice. <i>Microbes and Infection</i> , 2010, 12, 457-466.	1.9	49
9	Synthesis of pyrazoline-thiazolidinone hybrids with trypanocidal activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 245-254.	5.5	49
10	Thiazolidinone/thiazole based hybrids – New class of antitrypanosomal agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 292-308.	5.5	44
11	Goniomedines A and B: Unprecedented Bisindole Alkaloids Formed through Fusion of Two Indole Moieties via a Dihydropyran Unit. <i>Organic Letters</i> , 2012, 14, 4162-4165.	4.6	41
12	Antiplasmodial Activity of Nitroaromatic and Quinoidal Compounds: Redox Potential vs Inhibition of Erythrocyte Glutathione Reductase. <i>Archives of Biochemistry and Biophysics</i> , 2001, 393, 199-206.	3.0	40
13	Trends in research of antitrypanosomal agents among synthetic heterocycles. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 51-64.	5.5	40
14	Synthesis of 5-enamine-4-thiazolidinone derivatives with trypanocidal and anticancer activity. <i>Bioorganic Chemistry</i> , 2019, 86, 126-136.	4.1	38
15	Isothiocoumarin-3-carboxylic acid derivatives: Synthesis, anticancer and antitrypanosomal activity evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 57-66.	5.5	37
16	New protein farnesyltransferase inhibitors in the 3-arylthiophene 2-carboxylic acid series: diversification of the aryl moiety by solid-phase synthesis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 163-171.	5.2	27
17	Theionbrunonines A and B: Dimeric Vobasine Alkaloids Tethered by a Thioether Bridge from <i>Mostuea brunonis</i> . <i>Organic Letters</i> , 2018, 20, 6596-6600.	4.6	25
18	Synthesis of Novel G Factor or Chloroquine-Artemisinin Hybrids and Conjugates with Potent Antiplasmodial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 921-927.	2.8	23

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19	Molecular Networking Reveals Serpentinine-Related Bisindole Alkaloids from <i>Picralima nitida</i> , a Previously Well-Investigated Species. <i>Journal of Natural Products</i> , 2020, 83, 1207-1216.	3.0	22
20	Antiplasmodial activity of quinones: Roles of aziridiny substituents and the inhibition of <i>Plasmodium falciparum</i> glutathione reductase. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 32-39.	3.0	21
21	Highly improved antiparasitic activity after introduction of an N-benzylimidazole moiety on protein farnesyltransferase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 173-186.	5.5	17
22	Pleiokomenines A and B: Dimeric Aspidofractinine Alkaloids Tethered with a Methylene Group. <i>Organic Letters</i> , 2017, 19, 6180-6183.	4.6	17
23	Mallotojaponins B and C: Total Synthesis, Antiparasitic Evaluation, and Preliminary SAR Studies. <i>Organic Letters</i> , 2016, 18, 708-711.	4.6	16
24	Synthesis and <i>in vitro</i> antiplasmodial activity of ferrocenyl aminoquinoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 519-525.	5.5	15
25	Antiplasmodial Activity of Nitroaromatic Compounds: Correlation with Their Reduction Potential and Inhibitory Action on <i>Plasmodium falciparum</i> Glutathione Reductase. <i>Molecules</i> , 2019, 24, 4509.	3.8	15
26	Development of Predictive QSAR Models of 4-Thiazolidinones Antitrypanosomal Activity Using Modern Machine Learning Algorithms. <i>Molecular Informatics</i> , 2018, 37, e1700078.	2.5	13
27	Vital role for <i>Plasmodium berghei</i> Kinesin8B in axoneme assembly during male gamete formation and mosquito transmission. <i>Cellular Microbiology</i> , 2020, 22, e13121.	2.1	13
28	Synthesis and biological activity evaluation of new thiazolidinone-diclofenac hybrid molecules. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 836-841.	1.6	12
29	Dynamic molecular events associated to <i>Plasmodium berghei</i> gametogenesis through proteomic approach. <i>Journal of Proteomics</i> , 2018, 180, 88-98.	2.4	11
30	Targeted Isolation of Hemitheion from <i>Mostuea brunonis</i> , a Proposed Biosynthetic Intermediate of Theionbrunonines. <i>Journal of Natural Products</i> , 2021, 84, 1409-1413.	3.0	11
31	Synthesis and Antiplasmodial Activity of Novel Fosmidomycin Derivatives and Conjugates with Artemisinin and Aminochloroquinoline. <i>Molecules</i> , 2020, 25, 4858.	3.8	10
32	Calcium in the Backstage of Malaria Parasite Biology. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 708834.	3.9	9
33	Corynanthean-Epicatechin Flavoalkaloids from <i>Corynanthe pachyceras</i> . <i>Molecules</i> , 2020, 25, 2654.	3.8	8
34	Protist Collections: Essential for Future Research. <i>Trends in Parasitology</i> , 2016, 32, 840-842.	3.3	7
35	Isothiochromenothiazoles: A Class of Fused Thiazolidinone Derivatives with Established Anticancer Activity That Inhibits Growth of <i>Trypanosoma brucei brucei</i> . <i>Scientia Pharmaceutica</i> , 2018, 86, 47.	2.0	7
36	Inactivation of <i>Plasmodium falciparum</i> in whole blood using the amustaline and glutathione pathogen reduction technology. <i>Transfusion</i> , 2020, 60, 799-805.	1.6	7

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37	First Draft Genome of the Trypanosomatid <i>Herpetomonas muscarum ingenoplastis</i> through MinION Oxford Nanopore Technology and Illumina Sequencing. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 25.	2.3	4
38	Thiazolidinone-Related Heterocyclic Compounds as Potential Antitrypanosomal Agents. , 0, , .		4
39	Robust inactivation of <i>Plasmodium falciparum</i> in red blood cell concentrates using amustaline and glutathione pathogen reduction. <i>Transfusion</i> , 2022, , .	1.6	3
40	Comparative proteomic analysis of kinesin-8B deficient <i>Plasmodium berghei</i> during gametogenesis. <i>Journal of Proteomics</i> , 2021, 236, 104118.	2.4	2