Alexis Valentin

List of Publications by Year
in descending order

122	4,279	76326	138484
papers	citations	40 h-index	58 g-index

127	127	127	6363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concentration and purification by magnetic separation of the erythrocytic stages of all human Plasmodium species. Malaria Journal, 2008, 7, 45.	2.3	191
2	Antiplasmodial and Cytotoxic Activity of Galipinine and other Tetrahydroquinolines from Galipea officinalis. Planta Medica, 2002, 68, 68-69.	1.3	162
3	The C-type Lectin Receptors Dectin-1, MR, and SIGNR3 Contribute Both Positively and Negatively to the Macrophage Response to Leishmania infantum. Immunity, 2013, 38, 1038-1049.	14.3	134
4	Oregano: Chemical Analysis and Evaluation of Its Antimalarial, Antioxidant, and Cytotoxic Activities. Journal of Food Science, 2011, 76, C512-8.	3.1	122
5	Chemical composition and anticancer, antiinflammatory, antioxidant and antimalarial activities of leaves essential oil of Cedrelopsis grevei. Food and Chemical Toxicology, 2013, 56, 352-362.	3.6	102
6	In Vitro Antimalarial Activity of Eight Essential Oils. Journal of Essential Oil Research, 1997, 9, 329-333.	2.7	99
7	In vitro antiplasmodial activity of extracts of Alchornea cordifolia and identification of an active constituent: ellagic acid. Journal of Ethnopharmacology, 2002, 81, 399-401.	4.1	99
8	Routine Identification of Medical Fungi by the New Vitek MS Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight System with a New Time-Effective Strategy. Journal of Clinical Microbiology, 2012, 50, 2107-2110.	3.9	88
9	Cytotoxic and Antiplasmodial Xanthones from Pentadesma butyracea. Journal of Natural Products, 2009, 72, 954-957.	3.0	85
10	Composition and antimalarial activity in vitro of volatile components of lippia multiflora. Phytochemistry, 1995, 40, 1439-1442.	2.9	77
11	Prenylated Xanthone Derivatives with Antiplasmodial Activity from Allanblackia monticola STANER L.C.. Chemical and Pharmaceutical Bulletin, 2006, 54, 111-113.	1.3	77
12	In vitro antiplasmodial activity of stem and root extracts of Nauclea latifolia S.M. (Rubiaceae). Journal of Ethnopharmacology, 1998, 61, 173-178.	4.1	76
13	Activity-guided isolation of antiplasmodial dihydrochalcones and flavanones from Piper hostmannianum var. berbicense. Phytochemistry, 2007, 68, 1312-1320.	2.9	76
14	Antiplasmodial activity and cytotoxicity of plants used in West African traditional medicine for the treatment of malaria. Journal of Ethnopharmacology, 2006, 105, 131-136.	4.1	75
15	Schistosomiasis Haematobium, Corsica, France. Emerging Infectious Diseases, 2014, 20, 1595-1597.	4.3	75
16	PPARÎ³ Ligands Switched High Fat Diet-Induced Macrophage M2b Polarization toward M2a Thereby Improving Intestinal Candida Elimination. PLoS ONE, 2010, 5, e12828.	2.5	73
17	Synthesis, Structures, and Biological Studies of Heterobimetallic Au(I)â€“Ru(II) Complexes Involving N-Heterocyclic Carbene-Based Multidentate Ligands. Organometallics, 2015, 34, 1046-1055.	2.3	73
18	Alisiaquinones and Alisiaquinol, Dual Inhibitors of Plasmodium falciparum Enzyme Targets from a New Caledonian Deep Water Sponge. Journal of Natural Products, 2008, 71, 1189-1192.	3.0	68

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19	Antiplasmodial activity of plant extracts used in west African traditional medicine. Journal of Ethnopharmacology, 2000, 73, 145-151.	4.1	66
20	Antimalarial Activity of Simalikalactone E, a New Quassinoid from Quassia amara L. (Simaroubaceae). Antimicrobial Agents and Chemotherapy, 2009, 53, 4393-4398.	3.2	65
21	Helichrysum gymnocephalum Essential Oil: Chemical Composition and Cytotoxic, Antimalarial and Antioxidant Activities, Attribution of the Activity Origin by Correlations. Molecules, 2011, 16, 8273-8291.	3.8	59
22	Biological activities of nitidine, a potential anti-malarial lead compound. Malaria Journal, 2012, 11, 67.	2.3	59
23	Involvement of tannins and flavonoids in the in vitro effects of Newbouldia laevis and Zanthoxylum zanthoxyloÃ¯des extracts on the exsheathment of third-stage infective larvae of gastrointestinal nematodes. Veterinary Parasitology, 2011, 180, 292-297.	1.8	56
24	Synthesis, characterization, and antileishmanial activities of gold(I) complexes involving quinoline functionalized N-heterocyclic carbenes. European Journal of Medicinal Chemistry, 2015, 94, 22-29.	5.5	55
25	Amazonian plants from Peru used by Quechua and Mestizo to treat malaria with evaluation of their activity. Journal of Ethnopharmacology, 2007, 112, 482-489.	4.1	52
26	Quassinoid constituents of Quassia amara L. leaf herbal tea. Impact on its antimalarial activity and cytotoxicity. Journal of Ethnopharmacology, 2009, 126, 114-118.	4.1	49
27	Synthesis, characterization, and antileishmanial activity of neutral N-heterocyclic carbenes gold(I) complexes. European Journal of Medicinal Chemistry, 2018, 143, 1635-1643.	5.5	49
28	Agelasines J, K, and L from the Solomon Islands Marine Sponge Agelas cf. mauritiana. Journal of Natural Products, 2008, 71, 1451-1454.	3.0	48
29	Synthesis and Antiplasmodial Activity of New Indolone N-Oxide Derivatives. Journal of Medicinal Chemistry, 2010, 53, 699-714.	6.4	48
30	Cold Atmospheric Plasma Induces a Predominantly Necrotic Cell Death via the Microenvironment. PLoS ONE, 2015, 10, e0133120.	2.5	48
31	Antitumoral, antileishmanial and antimalarial activity of pentacyclic 1,4-naphthoquinone derivatives. Journal of the Brazilian Chemical Society, 2009, 20, 176-182.	0.6	46
32	1-Azaaurones derived from the naturally occurring aurones as potential antimalarial drugs. Bioorganic and Medicinal Chemistry, 2010, 18, 5724-5731.	3.0	46
33	LRH-1 mediates anti-inflammatory and antifungal phenotype of IL-13-activated macrophages through the PPARÎ³ ligand synthesis. Nature Communications, 2015, 6, 6801.	12.8	46
34	Analysis of the type II-A CRISPR-Cas system of Streptococcus agalactiae reveals distinctive features according to genetic lineages. Frontiers in Genetics, 2015, 6, 214.	2.3	45
35	Artemisinin nanoformulation suitable for intravenous injection: Preparation, characterization and antimalarial activities. International Journal of Pharmaceutics, 2015, 495, 671-679.	5.2	45
36	Flow cytometry for the evaluation of anti-plasmodial activity of drugs on Plasmodium falciparum gametocytes. Malaria Journal, 2010, 9, 49.	2.3	44

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37	Imported Plasmodium knowlesi Malaria in a French Tourist Returning from Thailand. American Journal of Tropical Medicine and Hygiene, 2011, 84, 535-538.	1.4	44
38	Studies on medicinal plants of Ivory Coast: Investigation of Sida acuta for in vitro antiplasmodial activities and identification of an active constituent. Phytomedicine, 2004, 11, 338-341.	5.3	43
39	Cryptosporidiosis in paediatric renal transplantation. Pediatric Nephrology, 2009, 24, 2245-2255.	1.7	43
40	NL MIND-BEST: A web server for ligands and proteins discoveryâ€"Theoretic-experimental study of proteins of Giardia lamblia and new compounds active against Plasmodium falciparum. Journal of Theoretical Biology, 2011, 276, 229-249.	1.7	43
41	In vitroAntimalarial Activity and Cytotoxicity ofCochlospermum tinctoriumandC planchoniiLeaf Extracts and Essential Oils. Planta Medica, 1999, 65, 378-381.	1.3	42
42	Daucane Sesquiterpenes from Ferula hermonis. Journal of Natural Products, 2005, 68, 468-471.	3.0	42
43	New clerodane diterpenoids from Laetia procera (Poepp.) Eichler (Flacourtiaceae), with antiplasmodial and antileishmanial activities. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 5065-5070.	2.2	40
44	Real-time PCR for diagnosis of imported schistosomiasis. PLoS Neglected Tropical Diseases, 2019, 13, e0007711.	3.0	40
45	An antiplasmodial new (bis)indole alkaloid from the hard coral Tubastraea sp.. Natural Product Research, 2009, 23, 178-182.	1.8	38
46	Electrochemical impedance spectroscopy to study physiological changes affecting the red blood cell after invasion by malaria parasites. Biosensors and Bioelectronics, 2009, 24, 2721-2725.	10.1	37
47	New bioactive halenaquinone derivatives from South Pacific marine sponges of the genus Xestospongia. Bioorganic and Medicinal Chemistry, 2010, 18, 6006-6011.	3.0	37
48	Chemical study, antimalarial and antioxidant activities, and cytotoxicity to human breast cancer cells (MCF7) of Argania spinosa. Phytomedicine, 2010, 17, 157-160.	5.3	33
49	Sheep as a new experimental host for Babesia divergens. Veterinary Research, 2002, 33, 429-433.	3.0	33
50	New Potential Antimalarial Agents. Synthesis and Biological Activities of Original Diaza-analogs of Phenanthrene.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1886-1889.	1.3	32
51	In vitro anthelmintic activity of the essential oils of Zanthoxylum zanthoxyloides and Newbouldia laevis against Strongyloides ratti. Parasitology Research, 2012, 110, 1427-1433.	1.6	31
52	Biologically Active Acetylenic Amino Alcohol and N-Hydroxylated 1,2,3,4-Tetrahydro-Î²-carboline Constituents of the New Zealand Ascidian Pseudodistoma opacum. Journal of Natural Products, 2016, 79, 607-610.	3.0	31
53	Nongenotoxic 3-Nitroimidazo[1,2-a]pyridines Are NTR1 Substrates That Display Potent in Vitro Antileishmanial Activity. ACS Medicinal Chemistry Letters, 2019, 10, 34-39.	2.8	31
54	Blood schizontocidal activity of methylene blue in combination with antimalarials againstPlasmodium falciparum. Parasite, 2007, 14, 135-140.	2.0	29

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55	Discovery of new thienopyrimidinone derivatives displaying antimalarial properties toward both erythrocytic and hepatic stages of Plasmodium. European Journal of Medicinal Chemistry, 2015, 95, 16-28.	5.5	29
56	Four anti-protozoal and anti-bacterial compounds from Tapirira guianensis. Phytochemistry, 2009, 70, 305-311.	2.9	28
57	Chemical Study and Antimalarial, Antioxidant, and Anticancer Activities ofMelaleuca armillaris(Sol Ex Gateau) Sm Essential Oil. Journal of Medicinal Food, 2011, 14, 1383-1388.	1.5	28
58	Anti-Leishmanial Lindenane Sesquiterpenes fromHedyosmum angustifolium. Planta Medica, 2010, 76, 365-368.	1.3	27
59	New Antiplasmodial Bromotyrosine Derivatives from Suberea ianthelliformis<scp>Lendenfeld</scp>, 1888. Chemistry and Biodiversity, 2012, 9, 1436-1451.	2.1	27
60	Concomitant cases of disseminatedGeotrichum clavatuminfections in patients with acute myeloid leukemia. Leukemia and Lymphoma, 2014, 55, 1186-1188.	1.3	27
61	Lipid trafficking between high density lipoproteins and Babesia divergens-infected human erythrocytes. Biology of the Cell, 1991, 73, 63-70.	2.0	26
62	Antimicrobial and antileishmanial xanthones from the stem bark ofAllanblackia gabonensis(Guttiferae). Natural Product Research, 2008, 22, 333-341.	1.8	26
63	Design and preparation of aza-analogues of benzo[c]phenanthridine framework with cytotoxic and antiplasmodial activities. European Journal of Medicinal Chemistry, 2010, 45, 2854-2859.	5.5	26
64	Bioactive Acridone Alkaloids fromSwingleaglutinosa. Journal of Natural Products, 2001, 64, 1221-1223.	3.0	25
65	Short synthesis and antimalarial activity of fagaronine. Bioorganic and Medicinal Chemistry, 2012, 20, 4856-4861.	3.0	25
66	Antiplasmodial activity of some phenolic compounds from Cameroonians Allanblackia. African Health Sciences, 2015, 15, 835.	0.7	25
67	LCâ€“MS analysis, anticancer, antioxidant and antimalarial activities of Cynodon dactylon L. extracts. Industrial Crops and Products, 2013, 45, 240-247.	5.2	21
68	An extraction method of positive blood cultures for direct identification ofCandidaspecies by Vitek MS matrix-assisted laser desorption ionization time of flight mass spectrometry. Medical Mycology, 2013, 51, 652-656.	0.7	21
69	2-Aryl-3H-indol-3-ones: Synthesis, electrochemical behaviour and antiplasmodial activities. European Journal of Medicinal Chemistry, 2014, 78, 269-274.	5.5	21
70	How Histone Deacetylase Inhibitors Alter the Secondary Metabolites of Botryosphaeria mamane, an Endophytic Fungus Isolated from Bixa orellana. Chemistry and Biodiversity, 2019, 16, e1800485.	2.1	21
71	Disseminated <scp>O</scp>chroconis gallopava infection in a heart transplant patient. Transplant Infectious Disease, 2013, 15, E115-8.	1.7	20
72	Polyunsaturated fatty acid metabolites: biosynthesis in Leishmania and role in parasite/host interaction. Journal of Lipid Research, 2019, 60, 636-647.	4.2	20

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73	8-Aryl-6-chloro-3-nitro-2-(phenylsulfonylmethyl)imidazo[1,2-a]pyridines as potent antitrypanosomatid molecules bioactivated by type 1 nitroreductases. European Journal of Medicinal Chemistry, 2018, 157, 115-126.	5.5	19
74	Novel 8-nitroquinolin-2(1H)-ones as NTR-bioactivated antikinetoplastid molecules: Synthesis, electrochemical and SAR study. European Journal of Medicinal Chemistry, 2018, 155, 135-152.	5.5	19
75	Design, synthesis, and biological activities of conformationally restricted analogs of primaquine with a 1,10-phenanthroline framework. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4666-4669.	2.2	18
76	Wayanin and guaijaverin, two active metabolites found in a Psidium acutangulum Mart. ex DC (syn. P.) Tj ETQq0 0 0 rgBT /Overlock 10 T Ethnopharmacology, 2016, 187, 241-248.	4.1	18
77	Antimalarial and vasorelaxant constituents of the leaves ofAllanblackia monticola(Guttiferae). Annals of Tropical Medicine and Parasitology, 2007, 101, 23-30.	1.6	17
78	Antiplasmodial Activity ofCochlospermum planchoniiand C.tinctoriumTubercle Essential Oils. Journal of Essential Oil Research, 2001, 13, 65-67.	2.7	16
79	Chemical and biological explorations of the electrophilic reactivity of the bioactive marine natural product halenaquinone with biomimetic nucleophiles. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1261-1264.	2.2	15
80	8-Alkynyl-3-nitroimidazopyridines display potent antitrypanosomal activity against both T.Âb. brucei and cruzi. European Journal of Medicinal Chemistry, 2020, 202, 112558.	5.5	15
81	Heat shock response of Babesia divergens and identification of the hsp70 as an immunodominant early antigen during ox, gerbil and human babesiosis. Biology of the Cell, 1991, 72, 93-102.	2.0	14
82	The in vivo antimalarial activity of methylene blue combined with pyrimethamine, chloroquine and quinine. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 820-823.	1.6	14
83	Structure-Activity Relationships of the Bioactive Thiazinoquinone Marine Natural Products Thiaplidiaquinones A and B. Marine Drugs, 2015, 13, 5102-5110.	4.6	13
84	Seeds of Peganum Harmala L. Chemical Analysis, Antimalarial and Antioxidant Activities, and Cytotoxicity Against Human Breast Cancer Cells. Medicinal Chemistry, 2014, 11, 94-101.	1.5	13
85	InVitro and inVivo Antimalarial Activity of Derivatives of 1,10-Phenanthroline Framework. Archiv Der Pharmazie, 2006, 339, 201-206.	4.1	12
86	Synthesis and antiplasmodial activity of streptocyanine/peroxide and streptocyanine/4-aminoquinoline hybrid dyes. Organic and Biomolecular Chemistry, 2011, 9, 7400.	2.8	12
87	Antiplasmodial activity of New Caledonia and Vanuatu traditional medicines. Pharmaceutical Biology, 2011, 49, 369-376.	2.9	12
88	Alveolar and Blood T Lymphocyte Profiles in Pneumocystis jiroveciiâ€"Positive Patients: Effects of HIV Status. Journal of Infectious Diseases, 2011, 204, 544-553.	4.0	12
89	Simultaneous cutaneous infection due to <scp>P</scp>aecilomyces lilacinus and <scp>A</scp>lternaria in a heart transplant patient. Transplant Infectious Disease, 2012, 14, E156-60.	1.7	12
90	Antileishmanial pharmacomodulation in 8-nitroquinolin-2(1H)-one series. Bioorganic and Medicinal Chemistry, 2015, 23, 2377-2386.	3.0	12

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91	New 3-substituted-2,1-benzisoxazoles: Synthesis and antimicrobial activities. Arabian Journal of Chemistry, 2017, 10, S2464-S2470.	4.9	12
92	Isolation of Plakinamine I: A New Steroidal Alkaloid from the Marine SpongeCorticiumsp. and Synthesis of an Analogue Model Compound. European Journal of Organic Chemistry, 2005, 2005, 4359-4363.	2.4	11
93	A non-radiolabeled hemeâ€“GSH interaction test for the screening of antimalarial compounds. Experimental Parasitology, 2007, 116, 311-313.	1.2	11
94	TheinÂvivoanti-plasmodial activity of haliclonacyclamine A, an alkaloid from the marine sponge,Haliclonasp.. Natural Product Research, 2011, 25, 1923-1930.	1.8	11
95	New findings on Simalikalactone D, an antimalarial compound from Quassia amara L. (Simaroubaceae). Experimental Parasitology, 2012, 130, 341-347.	1.2	11
96	Antileishmanial Compounds Isolated from Psidium Guajava L. Using a Metabolomic Approach. Molecules, 2019, 24, 4536.	3.8	11
97	Antikinetoplastid SAR study in 3-nitroimidazopyridine series: Identification of a novel non-genotoxic and potent anti-T.Âb. brucei hit-compound with improved pharmacokinetic properties. European Journal of Medicinal Chemistry, 2020, 206, 112668.	5.5	11
98	Isolation and Antimalarial Activity of Alkaloids fromPseudoxandra cuspidata. Planta Medica, 2006, 72, 894-898.	1.3	10
99	Amino derivatives of indolone-N-oxide: Preparation and antiplasmodial properties. European Journal of Medicinal Chemistry, 2014, 76, 369-375.	5.5	9
100	Contribution of molecular diagnosis to the management of cutaneous leishmaniasis in travellers. Clinical Microbiology and Infection, 2014, 20, O528-O530.	6.0	9
101	Discovery and preliminary structureâ€“activity relationship studies on tecomaquinone I and tectol as novel farnesyltransferase and plasmodial inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 3102-3107.	3.0	9
102	Antimalarial Activities of Indolones and Derivatives. Current Topics in Medicinal Chemistry, 2014, 14, 1643-1652.	2.1	9
103	Involvement of Candida albicans Cell Wall Proteins in the Adherence of Blastospores to Human Buccal Epithelial Cells. Experimental Mycology, 1995, 19, 247-253.	1.6	8
104	Phenolic composition and prospective anti-infectious properties of Atriplex lindleyi. Asian Pacific Journal of Tropical Disease, 2015, 5, 786-791.	0.5	8
105	Antiprotozoal properties of Indonesian medicinal plant extracts. Journal of Herbal Medicine, 2018, 11, 46-52.	2.0	8
106	Antitrypanosomatid Pharmacomodulation at Position 3 of the 8â€Nitroquinolinâ€2(1H)â€one Scaffold Using Palladiumâ€Catalysed Crossâ€Coupling Reactions. ChemMedChem, 2018, 13, 2217-2228.	3.2	8
107	New 8-Nitroquinolinone Derivative Displaying Submicromolar in Vitro Activities against Both Trypanosoma brucei and cruzi. ACS Medicinal Chemistry Letters, 2020, 11, 464-472.	2.8	8
108	Synthesis, Characterization, and Antileishmanial Activity of Neutral Gold(I) Complexes with N-heterocyclic Carbene Ligands Bearing Sulfur-Containing Side Arms. Organometallics, 2021, 40, 1466-1473.	2.3	8

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109	Characterization of a new 60 kDa apical protein of Plasmodium falciparum merozoite expressed in late schizogony. Biology of the Cell, 1994, 82, 129-138.	2.0	7
110	Role of Quinone Reductase 2 in the Antimalarial Properties of Indolone-Type Derivatives. Molecules, 2017, 22, 210.	3.8	7
111	Human toxocariasis and atopy. Parasite, 2020, 27, 32.	2.0	7
112	Design, Synthesis and Efficacy of Hybrid Triclosanâ€gold Based Molecules on Artemisininâ€resistant Plasmodium falciparum and Leishmania infantum Parasites. ChemistrySelect, 2020, 5, 619-625.	1.5	7
113	Synthesis and biological evaluation of new bis-indolone-N-oxides. Bioorganic Chemistry, 2013, 48, 16-21.	4.1	5
114	Macrocyclic Spermidine Alkaloids from Androya decaryi L. Perrier. Molecules, 2013, 18, 3962-3971.	3.8	5
115	Synthesis and Antimalarial Properties of Streptocyanine Dyes. ChemMedChem, 2009, 4, 1327-1332.	3.2	4
116	Adaptation and optimization of a fluorescence-based assay for in vivo antimalarial drug screening. Parasitology Research, 2017, 116, 1955-1962.	1.6	4
117	Alsinol, an arylamino alcohol derivative active against Plasmodium, Babesia, Trypanosoma, and Leishmania: past and new outcomes. Parasitology Research, 2020, 119, 3503-3515.	1.6	3
118	Adaptation of a microbead assay for the easy evaluation of traditional anti-sickling medicines: application to DREPANOSTAT and FACA. Pharmaceutical Biology, 2018, 56, 385-392.	2.9	2
119	New Insights into Blood Circulating Lymphocytes in Human Pneumocystis Pneumonia. Journal of Fungi (Basel, Switzerland), 2021, 7, 652.	3.5	2
120	Two in one: bifunctional derivatives of trolox acting as antimalarial and antioxidant agents. Future Medicinal Chemistry, 2020, 12, 1845-1854.	2.3	1
121	Class II MHC antigen induction on rat insulinoma (RINm5F) and colon carcinoma (TS) cells by co-culture with diabetic and normal xenogenic lymphocytes. Journal of Autoimmunity, 1989, 2, 229-240.	6.5	0
122	Structure-activity relationships of bioactive marine natural products leading to the identification of more potent non-natural analogues â€“ the meroterpenoids, thiaplidiaquinones A and B. Planta Medica, 2016, 81, S1-S381.	1.3	0