

# Michel H Sauvain

## List of Publications by Citations

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#	Paper	IF	Citations
76	A search for natural bioactive compounds in Bolivia through a multidisciplinary approach. Part V. Evaluation of the antimalarial activity of plants used by the Tacana Indians. <i>Journal of Ethnopharmacology</i> , <b>2001</b> , 77, 91-8	5	120
75	Medicinal plants from the Yanesha (Peru): evaluation of the leishmanicidal and antimalarial activity of selected extracts. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 123, 413-22	5	98
74	A search for natural bioactive compounds in Bolivia through a multidisciplinary approach. Part I. Evaluation of the antimalarial activity of plants used by the Chacobo Indians. <i>Journal of Ethnopharmacology</i> , <b>2000</b> , 69, 127-37	5	87
73	Antimalarial effects of C18 fatty acids on Plasmodium falciparum in culture and on Plasmodium vinckei petteri and Plasmodium yoelii nigeriensis in vivo. <i>Experimental Parasitology</i> , <b>1995</b> , 81, 97-105	2.1	68
72	Evaluation of the leishmanicidal activity of plants used by Peruvian Chayahuita ethnic group. <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 114, 254-9	5	66
71	A non-radiolabelled ferriprotoporphyrin IX biomineralisation inhibition test for the high throughput screening of antimalarial compounds. <i>Experimental Parasitology</i> , <b>2002</b> , 100, 252-6	2.1	64
70	Isolation of bis-indole alkaloids with antileishmanial and antibacterial activities from <i>Peschiera van heurkii</i> (syn. <i>Tabernaemontana van heurkii</i> ). <i>Planta Medica</i> , <b>1994</b> , 60, 455-9	3.1	62
69	Antimalarial potential of xestoquinone, a protein kinase inhibitor isolated from a Vanuatu marine sponge <i>Xestospongia</i> sp. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4477-82	3.4	61
68	Activity-guided isolation of antiplasmodial dihydrochalcones and flavanones from <i>Piper hostmannianum</i> var. <i>berbicense</i> . <i>Phytochemistry</i> , <b>2007</b> , 68, 1312-20	4	60
67	Experimental conditions for testing the inhibitory activity of chloroquine on the formation of beta-hematin. <i>Experimental Parasitology</i> , <b>2000</b> , 96, 243-8	2.1	60
66	Medical ethnobotany of the Chayahuita of the Paranapura basin (Peruvian Amazon). <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 146, 127-53	5	50
65	A novel antiprotozoal aminosteroid from <i>Saracha punctata</i> . <i>Journal of Natural Products</i> , <b>1998</b> , 61, 1390-3	4.9	50
64	Spirolactone iridoids might be responsible for the antileishmanial activity of a Peruvian traditional remedy made with <i>Himatanthus sucuba</i> (Apocynaceae). <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 112, 410-4	5	48
63	Curcuma as a parasitocidal agent: a review. <i>Planta Medica</i> , <b>2011</b> , 77, 672-8	3.1	47
62	In vitro and in vivo anti-Leishmania activity of polysubstituted synthetic chalcones. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 100-3	2.9	46
61	Hybrid furoxanyl N-acylhydrazone derivatives as hits for the development of neglected diseases drug candidates. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 59, 64-74	6.8	45
60	Bioactive phenolic glycosides from <i>Amburana cearensis</i> . <i>Phytochemistry</i> , <b>1999</b> , 50, 71-74	4	45

59	The rainbow hurts my skin: medicinal concepts and plants uses among the Yanasha (Amuesha), an Amazonian Peruvian ethnic group. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 127, 175-92	5	44
58	Synthesis and antiplasmodial activity of new indolone N-oxide derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 699-714	8.3	43
57	Antiplasmodial activity of aspidosperma indole alkaloids. <i>Phytomedicine</i> , <b>2002</b> , 9, 142-5	6.5	43
56	In Vitro and In Vivo leishmanicidal activities of natural and synthetic quinoids. <i>Phytotherapy Research</i> , <b>1993</b> , 7, 167-171	6.7	40
55	Antileishmanial sesquiterpene lactones from <i>Pseudelephantopus spicatus</i> , a traditional remedy from the Chayahuita Amerindians (Peru). Part III. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 875-9	5	38
54	Validation of use of a traditional antimalarial remedy from French Guiana, <i>Zanthoxylum rhoifolium</i> Lam. <i>Journal of Ethnopharmacology</i> , <b>2006</b> , 106, 348-52	5	38
53	Bolivianine, a new sesterpene with an unusual skeleton from <i>Hedyosmum angustifolium</i> , and its isomer, isobolivianine. <i>Organic Letters</i> , <b>2007</b> , 9, 4693-6	6.2	35
52	Antimalarial activity and cytotoxicity of (-)-roemrefidine isolated from the stem bark of <i>Sparattanthelium amazonum</i> . <i>Planta Medica</i> , <b>1999</b> , 65, 448-9	3.1	35
51	Caffeic acid esters and lignans from <i>Piper sanguineispicum</i> . <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1884-90	4.9	34
50	New clerodane diterpenoids from <i>Laetia procera</i> (Poepp.) Eichler (Flacourtiaceae), with antiplasmodial and antileishmanial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 5065-70	2.9	34
49	A search for natural bioactive compounds in Bolivia through a multidisciplinary approach. Part III. Evaluation Of the antimalarial activity of plants used by Altebs Indians. <i>Journal of Ethnopharmacology</i> , <b>2000</b> , 71, 123-31	5	34
48	TaVaVHuayani: perception of leishmaniasis and evaluation of medicinal plants used by the Chayahuita in Peru. Part II. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 126, 149-58	5	33
47	Trypanoside, anti-tuberculosis, leishmanicidal, and cytotoxic activities of tetrahydrobenzothienopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 2880-6	3.4	33
46	Isolation of leishmanicidal triterpenes and lignans from the Amazonian liana <i>Dolioscarpus dentatus</i> (dilleniaceae) <b>1996</b> , 10, 1-4		33
45	Trypanocidal withanolides and withanolide glycosides from <i>Dunalia brachyacantha</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 720-5	4.9	31
44	Antiplasmodial activities of homogentisic acid derivative protein kinase inhibitors isolated from a Vanuatu marine sponge <i>Pseudoceratina</i> sp. <i>Marine Drugs</i> , <b>2009</b> , 7, 640-53	6	28
43	New 1,2,3,4-tetrahydropyrrolo[1,2-a]pyrimidinium alkaloids (phloeodictynes) from the New Caledonian shallow-water haplosclerid sponge <i>Oceanapia fistulosa</i> . Structural elucidation from mainly LC-tandem-MS-soft-ionization techniques and discovery of antiplasmodial activity. <i>Organic and Biomolecular Chemistry</i> , <b>2004</b> , 2, 783-7	3.9	27
42	Anti-leishmanial lindenane sesquiterpenes from <i>Hedyosmum angustifolium</i> . <i>Planta Medica</i> , <b>2010</b> , 76, 365-8	3.1	24

41	Antiplasmodial structure-activity relationship of 3-trifluoromethyl-2-arylcarbonylquinoxaline 1,4-di-N-oxide derivatives. <i>Experimental Parasitology</i> , <b>2008</b> , 118, 25-31	2.1	22
40	Triterpenes and phytosterols as human leucocyte elastase inhibitors. <i>Planta Medica</i> , <b>2002</b> , 68, 930-2	3.1	22
39	Bioactive acridone alkaloids from <i>Swinglea glutinosa</i> . <i>Journal of Natural Products</i> , <b>2001</b> , 64, 1221-3	4.9	22
38	Effects of coca chewing on metabolic and hormonal changes during graded incremental exercise to maximum. <i>Journal of Applied Physiology</i> , <b>1996</b> , 80, 643-9	3.7	22
37	Antibacterial, antifungal and antileishmanial activities of indolone-N-oxide derivatives. <i>Journal of Antibiotics</i> , <b>2012</b> , 65, 499-504	3.7	21
36	Cytotoxic and anti-infective sesquiterpenes present in <i>Plagiochila disticha</i> (Plagiochilaceae) and <i>Ambrosia peruviana</i> (Asteraceae). <i>Planta Medica</i> , <b>2010</b> , 76, 705-7	3.1	21
35	Isolation of flavins from the Amazonian shrub <i>Faramea guianensis</i> . <i>Journal of Natural Products</i> , <b>1994</b> , 57, 403-6	4.9	21
34	Short synthesis and antimalarial activity of fagaronine. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 4856-61	3.4	20
33	Synthesis and antimalarial activity of new 3-arylquinoxaline-2-carbonitrile derivatives. <i>Arzneimittelforschung</i> , <b>2005</b> , 55, 754-61		20
32	Antimalarial activity of cedronin. <i>Journal of Ethnopharmacology</i> , <b>1994</b> , 43, 57-61	5	20
31	4-Quinolinone alkaloids from <i>Dictyoloma peruviana</i> . <i>Phytochemistry</i> , <b>1995</b> , 40, 317-20	4	19
30	Activity-guided isolation of antileishmanial compounds from <i>Piper hispidum</i> . <i>Phytochemistry Letters</i> , <b>2011</b> , 4, 363-366	1.9	18
29	Antiplasmodial activity of 3-trifluoromethyl-2-carbonylquinoxaline di-N-oxide derivatives. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 42, 357-361		16
28	Prospecting Peptides Isolated From Black Soldier Fly (Diptera: Stratiomyidae) With Antimicrobial Activity Against <i>Helicobacter pylori</i> (Campylobacterales: Helicobacteraceae). <i>Journal of Insect Science</i> , <b>2019</b> , 19,	2	16
27	Synthesis, antileishmanial activity and cytotoxicity of 2,3-diaryl- and 2,3,8-trisubstituted imidazo[1,2-a]pyrazines. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 103, 381-95	6.8	15
26	Dihydrochalcones and benzoic acid derivatives from <i>Piper dennisii</i> . <i>Planta Medica</i> , <b>2012</b> , 78, 914-8	3.1	15
25	Anti-leishmanial and structure-activity relationship of ring substituted 3-phenyl-1-(1,4-di-N-oxide quinoxalin-2-yl)-2-propen-1-one derivatives. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2008</b> , 103, 778-80	2.6	15
24	Polyphenols as superoxide dismutase modulators and ligands for estrogen receptors. <i>Analytica Chimica Acta</i> , <b>2004</b> , 513, 103-111	6.6	15

23	Effects of coca chewing on hormonal and metabolic responses during prolonged submaximal exercise. <i>Journal of Applied Physiology</i> , <b>1996</b> , 80, 650-5	3.7	15
22	In vitro and in vivo activity of benzo[c]phenanthridines against <i>Leishmania amazonensis</i> . <i>Planta Medica</i> , <b>2014</b> , 80, 902-6	3.1	14
21	Anti-infective and cytotoxic compounds present in <i>Blepharodon nitidum</i> . <i>Planta Medica</i> , <b>2008</b> , 74, 407-10.	3.1	13
20	Cytotoxic and anti-infective phenolic compounds isolated from <i>Mikania decora</i> and <i>Crematosperma microcarpum</i> . <i>Planta Medica</i> , <b>2011</b> , 77, 1597-9	3.1	12
19	Indole alkaloids from the trunk bark of <i>Aspidosperma megalocarpon</i> . <i>Planta Medica</i> , <b>1998</b> , 64, 487	3.1	12
18	Anti- <i>Helicobacter pylori</i> Properties of the Ant-Venom Peptide Bicarinalin. <i>Toxins</i> , <b>2017</b> , 10,	4.9	11
17	A multipronged approach to the study of peruvian ethnomedicinal plants: a legacy of the ICBG-Peru Project. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 524-6	4.9	11
16	Coca chewing for exercise: hormonal and metabolic responses of nonhabitual chewers. <i>Journal of Applied Physiology</i> , <b>1996</b> , 81, 1901-7	3.7	9
15	In vitro growth inhibitory effects of 13,28-epoxyoleanane triterpene saponins in cancer cells. <i>Phytochemistry Letters</i> , <b>2013</b> , 6, 128-134	1.9	8
14	Leishmanicidal compounds and potent PPAR $\alpha$ activators from <i>Renealmia thyrsoides</i> (Ruiz & Pav.) Poepp. & Endl. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 157, 149-55	5	7
13	A new diterpene from <i>Tanaecium jaroba</i> . <i>Planta Medica</i> , <b>2002</b> , 68, 568-9	3.1	7
12	Anti-infective assessment of <i>Senecio smithioides</i> (Asteraceae) and isolation of 9-oxoeuryopsin, a furanoeremophilane-type sesquiterpene with antiplasmodial activity. <i>Natural Product Research</i> , <b>2016</b> , 30, 2594-2597	2.3	6
11	Biological activities of triterpenoids from <i>Poraqueiba sericea</i> stems. <i>Natural Product Research</i> , <b>2017</b> , 31, 1333-1338	2.3	6
10	A study of the chemical composition of <i>Erythroxylum coca</i> var. <i>coca</i> leaves collected in two ecological regions of Bolivia. <i>Journal of Ethnopharmacology</i> , <b>1997</b> , 56, 179-91	5	6
9	Structural Characterization and Anti-infective Activity of 9,10-Seco-29-norcycloartane Glycosides Isolated from the Flowers of the Peruvian Medicinal Plant. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 3233-3241	4.9	6
8	Liquid chromatographic analysis of cocaine and benzoylecgonine in plasma of traditional coca chewers from Bolivia during exercise. <i>Journal of Ethnopharmacology</i> , <b>1997</b> , 56, 173-8	5	5
7	Constituents of the trunk bark of <i>Maquira coriacea</i> . <i>Phytotherapy Research</i> , <b>2001</b> , 72, 841-3	3.2	4
6	Identification and characterization of compounds from <i>Chrysosporium multifidum</i> , a fungus with moderate antimicrobial activity isolated from <i>Hermetia illucens</i> gut microbiota. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218837	3.7	4

5	A new 5-alkylresorcinol glucoside derivative from <i>Cybianthus magnus</i> . <i>Natural Product Research</i> , <b>2016</b> , 30, 293-8	2-3	3
4	Zebiriosides A-L, oleanane saponins from the roots of <i>Dendrobangia boliviana</i> . <i>Phytochemistry</i> , <b>2016</b> , 130, 262-72	4	3
3	The living library of The Cotapata National Park in Bolivia: an example of application of Bolivian law on the access to genetic resources. <i>Biodiversity and Conservation</i> , <b>2008</b> , 17, 1853-1859	3-4	3
2	A new phthalide derivative from <i>Peperomia nivalis</i> . <i>Natural Product Research</i> , <b>2017</b> , 31, 138-142	2-3	2
1	Cordiasecosides G-J, 9,10-Seco-29-norcycloartane glycosides isolated from <i>Cordia lutea</i> and their antibacterial activities.. <i>Phytotherapy</i> <b>2022</b> , 158, 105172	3-2	0