

# Ricardo Reyes-Chilpa

## List of Publications by Year in descending order

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68  
papers

1,769  
citations

279798

23  
h-index

289244

40  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial activity of crude extracts from Mexican medicinal plants and purified coumarins and xanthenes. <i>Journal of Ethnopharmacology</i> , 2005, 97, 293-299.	4.1	152
2	Antidepressant activity of <i>Litsea glaucescens</i> essential oil: Identification of $\beta$ -pinene and linalool as active principles. <i>Journal of Ethnopharmacology</i> , 2012, 143, 673-679.	4.1	124
3	Linalool and $\beta$ -pinene exert their antidepressant-like activity through the monoaminergic pathway. <i>Life Sciences</i> , 2015, 128, 24-29.	4.3	120
4	Cytotoxic effects of mammea type coumarins from <i>Calophyllum brasiliense</i> . <i>Life Sciences</i> , 2004, 75, 1635-1647.	4.3	79
5	HIV-1 Inhibitory Compounds from <i>Calophyllum brasiliense</i> Leaves. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1471-1475.	1.4	75
6	Inhibition of gastric H <sup>+</sup> ,K <sup>+</sup> -ATPase activity by flavonoids, coumarins and xanthenes isolated from Mexican medicinal plants. <i>Journal of Ethnopharmacology</i> , 2006, 105, 167-172.	4.1	73
7	Trypanocidal Constituents in Plants 3. Leaves of <i>Garcinia intermedia</i> and Heartwood of <i>Calophyllum brasiliense</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 141-143.	1.4	72
8	Effects of three Mexican medicinal plants (Asteraceae) on blood glucose levels in healthy mice and rabbits. <i>Journal of Ethnopharmacology</i> , 1997, 55, 171-177.	4.1	62
9	Trypanocidal Constituents in Plants. 1. Evaluation of Some Mexican Plants for Their Trypanocidal Activity and Active Constituents in Guaco, Roots of <i>Aristolochia taliscana</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1188-1191.	1.4	59
10	Hypoglycemic effect of extracts and fractions from <i>Psacalium decompositum</i> in healthy and alloxan-diabetic mice. <i>Journal of Ethnopharmacology</i> , 2000, 72, 21-27.	4.1	53
11	Antidepressant effect and pharmacological evaluation of standardized extract of flavonoids from <i>Byrsonima crassifolia</i> . <i>Phytomedicine</i> , 2011, 18, 1255-1261.	5.3	50
12	Trypanocidal Constituents in Plants 5. Evaluation of Some Mexican Plants for Their Trypanocidal Activity and Active Constituents in the Seeds of <i>Persea americana</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1314-1317.	1.4	47
13	Antifungal Xanthenes from <i>Calophyllum brasiliense</i> Heartwood. <i>Journal of Chemical Ecology</i> , 1997, 23, 1901-1911.	1.8	46
14	Trypanocidal constituents in plants: 7. Mammea-type coumarins. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 431-436.	1.6	41
15	Flavonoids and Isoflavonoids with Antifungal Properties from <i>Platymiscium yucatanum</i> Heartwood. <i>Holzforschung</i> , 1998, 52, 459-462.	1.9	38
16	Antitermitic activity of <i>Lonchocarpus castilloi</i> flavonoids and heartwood extracts. <i>Journal of Chemical Ecology</i> , 1995, 21, 455-463.	1.8	36
17	Revised NMR data for Incartine: an Alkaloid from <i>Galanthus elwesii</i> . <i>Molecules</i> , 2007, 12, 1430-1435.	3.8	33
18	Production of anti-HIV-1 calanolides in a callus culture of <i>Calophyllum brasiliense</i> (Cambes). <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 33-40.	2.3	30

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19	Hypoglycemic activity of root water decoction, sesquiterpenoids, and one polysaccharide fraction from <i>Psacalium decompositum</i> in mice. <i>Journal of Ethnopharmacology</i> , 2000, 69, 207-215.	4.1	29
20	Essential Oils in Mexican Bays ( <i>Litsea</i> spp., Lauraceae): Taxonomic Assortment and Ethnobotanical Implications. <i>Economic Botany</i> , 2011, 65, 178-189.	1.7	28
21	Natural products isolated from Mexican medicinal plants: Novel inhibitors of sulfotransferases, SULT1A1 and SULT2A1. <i>Phytomedicine</i> , 2001, 8, 481-488.	5.3	27
22	Seasonal evaluation of the postharvest fungicidal activity of powders and extracts of huamuchil ( <i>Pithecellobium dulce</i> ): action against <i>Botrytis cinerea</i> , <i>Penicillium digitatum</i> and <i>Rhizopus stolonifer</i> of strawberry fruit. <i>Postharvest Biology and Technology</i> , 2003, 29, 81-92.	6.0	26
23	Coumarin A/AA induces apoptosis-like cell death in HeLa cells mediated by the release of apoptosis-inducing factor. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 263-272.	3.0	25
24	Acetylcholinesterase-inhibiting Alkaloids from <i>Zephyranthes concolor</i> . <i>Molecules</i> , 2011, 16, 9520-9533.	3.8	23
25	Flavanones and 3-hydroxyflavanones from <i>Lonchocarpus oxacensis</i> . <i>Phytochemistry</i> , 2000, 55, 953-957.	2.9	21
26	HIV-1 Inhibition by Extracts of Clusiaceae Species from Mexico. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 916-920.	1.4	21
27	Antioxidant properties of xanthenes from <i>Calophyllum brasiliense</i> : prevention of oxidative damage induced by FeSO <sub>4</sub> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 262.	3.7	21
28	Productos forestales no maderables en México: Aspectos económicos para el desarrollo sustentable. <i>Madera Bosques</i> , 2008, 14, 95-112.	0.2	21
29	Methanol Extracts of <i>Hamelia patens</i> Containing Oxindole Alkaloids Relax KCl-Induced Contraction in Rat Myometrium. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1617-1620.	1.4	20
30	Neuropharmacological in vivo effects and phytochemical profile of the extract from the aerial parts of <i>Heteropterys brachiata</i> (L.) DC. (Malpighiaceae). <i>Journal of Ethnopharmacology</i> , 2013, 146, 311-317.	4.1	19
31	Bioactive Compounds from Selected Plants used in the XVI Century Mexican Traditional Medicine. <i>Studies in Natural Products Chemistry</i> , 2000, , 799-844.	1.8	18
32	Trypanocidal and toxicological assessment in vitro and in silico of three sesquiterpene lactones from Asteraceae plant species. <i>Food and Chemical Toxicology</i> , 2019, 125, 55-61.	3.6	18
33	Antifungal monoterpene production in elicited cell suspension cultures of <i>Piqueria trinervia</i> . <i>Phytochemistry</i> , 2000, 55, 51-57.	2.9	16
34	Rotenone isolated from <i>Pachyrhizus erosus</i> displays cytotoxicity and genotoxicity in K562 cells. <i>Natural Product Research</i> , 2014, 28, 1780-1785.	1.8	15
35	Antimycobacterial and HIV-1 Reverse Transcriptase Activity of Julianaceae and Clusiaceae Plant Species from Mexico. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	1.2	15
36	Coumarins isolated from <i>Calophyllum brasiliense</i> produce ultrastructural alterations and affect in vitro infectivity of <i>Trypanosoma cruzi</i> . <i>Phytomedicine</i> , 2019, 61, 152827.	5.3	15

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37	Relaxation of Uterine and Aortic Smooth Muscle by Glaucolides D and E from <i>Vernonia liatroides</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2003, 26, 112-115.	1.4	13
38	Trends in the chemical and pharmacological research on the tropical trees <i>Calophyllum brasiliense</i> and <i>Calophyllum inophyllum</i> , a global context. <i>Scientometrics</i> , 2015, 105, 1019-1030.	3.0	13
39	Extraction and Conversion Studies of the Antiaddictive Alkaloids Coronaridine, Ibogamine, Voacangine, and Ibogaine from Two Mexican <i>Tabernaemontana</i> Species (Apocynaceae). <i>Chemistry and Biodiversity</i> , 2019, 16, e1900175.	2.1	12
40	Broccoli sprouts produce abdominal antinociception but not spasmolytic effects like its bioactive metabolite sulforaphane. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1770-1778.	5.6	10
41	Risk assessment of Soulatrolide and Mammea (A/BA+A/BB) coumarins from <i>Calophyllum brasiliense</i> by a toxicogenomic and toxicological approach. <i>Food and Chemical Toxicology</i> , 2016, 91, 117-129.	3.6	9
42	Cytogenetic effects of Jacareubin from <i>Calophyllum brasiliense</i> on human peripheral blood mononucleated cells in vitro and on mouse polychromatic erythrocytes in vivo. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 6-15.	2.8	9
43	Network Pharmacology Uncovers Anticancer Activity of Mammea-Type Coumarins from <i>Calophyllum brasiliense</i> . <i>Planta Medica</i> , 2019, 85, 14-23.	1.3	9
44	Transformation of Terpene Piquerol A to Hydroquinone and Phenolic Derivatives. Effect of These Compounds on Weeds. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2839-2841.	5.2	8
45	X-ray and high-resolution <sup>1</sup> H and <sup>13</sup> C NMR of smooth muscle relaxant sesquiterpene lactones. <i>Canadian Journal of Chemistry</i> , 2008, 86, 1077-1084.	1.1	7
46	Sesquiterpenoids from antidiabetic <i>Psacalium decompositum</i> block ATP sensitive potassium channels. <i>Journal of Ethnopharmacology</i> , 2009, 123, 489-493.	4.1	7
47	Molecular mechanisms involved in the cytotoxicity induced by coumarins from <i>Calophyllum brasiliense</i> in K562 leukaemia cells. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1189-1195.	2.4	7
48	Bioactive Coumarins and Xanthenes From <i>Calophyllum</i> Genus and Analysis of Their Druglikeness and Toxicological Properties. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 277-307.	1.8	7
49	Jacareubin inhibits Fc $\epsilon$ RI-induced extracellular calcium entry and production of reactive oxygen species required for anaphylactic degranulation of mast cells. <i>Biochemical Pharmacology</i> , 2018, 154, 344-356.	4.4	7
50	Antimycobacterial Activity of Alkaloids and Extracts from <i>Tabernaemontana alba</i> and <i>T. arborea</i> . <i>Planta Medica</i> , 2022, 88, 53-61.	1.3	7
51	Mammea type coumarins isolated from <i>Calophyllum brasiliense</i> induced apoptotic cell death of <i>Trypanosoma cruzi</i> through mitochondrial dysfunction, ROS production and cell cycle alterations. <i>Bioorganic Chemistry</i> , 2020, 100, 103894.	4.1	7
52	<i>Tabernaemontana arborea</i> and ibogaine induce paroxysmal EEG activity in freely moving mice: Involvement of serotonin 5-HT1A receptors. <i>NeuroToxicology</i> , 2022, 89, 79-91.	3.0	7
53	Antraquinones from <i>Vismia mexicana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 29-34.	1.4	6
54	Cheminformatic Analysis of Selected Cacalolides from <i>Psacalium decompositum</i> (A. Gray) H. Rob. & Brettell and <i>Psacalium peltatum</i> (Kunth) Cass. and Their Effects on Fc $\epsilon$ RI-Dependent Degranulation in Mast Cells. <i>Molecules</i> , 2018, 23, 3367.	3.8	6

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55	Antinociceptive, anti-inflammatory, and central nervous system (CNS) effects of the natural coumarin soubattrolide. <i>Drug Development Research</i> , 2018, 79, 332-338.	2.9	6
56	On the first book of medicinal plants written in the American Continent: The <i>Libellus Medicinalibus Indorum Herbis</i> from Mexico, 1552. A review. <i>Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2021, 20, 1-27.	0.5	6
57	Plants of the "Libellus de Medicinalibus Indorum Herbis"™ from Mexico, 1552. <i>Zephyranthes fosteri</i> (Amaryllidaceae) Alkaloids. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000834.	2.1	5
58	A Survey of Alkaloids in the Genera <i>Harpalyce</i> and <i>Brongniartia</i> (Fabaceae-Brongniartieae). <i>Biochemical Systematics and Ecology</i> , 1996, 24, 749-755.	1.3	5
59	Leaf Structure of Two Chemotypes of <i>Calophyllum brasiliense</i> from Mexico. <i>Microscopy and Microanalysis</i> , 2011, 17, 340-341.	0.4	4
60	Toxicogenomic analysis of pharmacological active coumarins isolated from <i>Calophyllum brasiliense</i> . <i>Genomics Data</i> , 2015, 6, 258-259.	1.3	4
61	Quantitative Evaluation of a Mexican and a Ghanaian <i>Tabernaemontana</i> Species as Alternatives to <i>Voacanga africana</i> for the Production of Antiaddictive Ibogan Type Alkaloids. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000002.	2.1	4
62	A Novel Cacalolide from <i>Psacalium Decompositum</i> . <i>Natural Product Research</i> , 2002, 16, 239-242.	0.4	3
63	Strategies for the in vitro production of antiaddictive ibogan type alkaloids from Apocynaceae species. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 215-227.	2.3	3
64	Phytotoxic activity of aqueous extracts of ruderal plants and its potential application to tomato crop. <i>Botanical Sciences</i> , 2021, 99, 487-498.	0.8	3
65	The New World Bays ( <i>Litsea</i> , Lauraceae). A Botanical, Chemical, Pharmacological and Ecological Review in Relation to their Traditional and Potential Applications as Phytomedicines. <i>Botanical Review</i> , The, 2021, 87, 392-420.	3.9	3
66	Microsatellites, morphological, and alkaloids characterization of <i>Zephyranthes fosteri</i> and <i>Z. alba</i> (Amaryllidaceae): Allopatric populations. <i>Biochemical Systematics and Ecology</i> , 2022, 101, 104398.	1.3	3
67	Reactivity of Several Reactive Oxygen Species (ROS) with the Sesquiterpene Cacalol. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.5	1
68	NMR and X-ray studies of apetalic acid isolated from <i>Calophyllum brasiliense</i> and of its chiral amides. <i>Canadian Journal of Chemistry</i> , 0, , .	1.1	0