

Luis Cartuche

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chemical Constituents of <i>Muehlenbeckia tamnifolia</i> (Kunth) Meisn (Polygonaceae) and Its In Vitro α -Amylase and α -Glucosidase Inhibitory Activities. <i>Molecules</i> , 2016, 21, 1461.	3.8	65
2	Staurosporine from <i>Streptomyces sanyensis</i> activates Programmed Cell Death in <i>Acanthamoeba</i> via the mitochondrial pathway and presents low in vitro cytotoxicity levels in a macrophage cell line. <i>Scientific Reports</i> , 2019, 9, 11651.	3.3	27
3	Acorenone B: AChE and BChE Inhibitor as a Major Compound of the Essential Oil Distilled from the Ecuadorian Species <i>Niphogeton dissecta</i> (Benth.) J.F. Macbr. <i>Pharmaceuticals</i> , 2017, 10, 84.	3.8	25
4	Antikinetoplastid Activity of Indolocarbazoles from <i>Streptomyces sanyensis</i> . <i>Biomolecules</i> , 2020, 10, 657.	4.0	24
5	Inactivation of a wild isolated <i>Klebsiella pneumoniae</i> by photo-chemical processes: UV-C, UV-C/H ₂ O ₂ and UV-C/H ₂ O ₂ /Fe ³⁺ . <i>Catalysis Today</i> , 2018, 313, 94-99.	4.4	22
6	Extraction and Study of the Essential Oil of Copal (<i>Dacryodes peruviana</i>), an Amazonian Fruit with the Highest Yield Worldwide. <i>Plants</i> , 2020, 9, 1658.	3.5	20
7	Antifungal activity of raw extract and flavanons isolated from <i>Piper ecuadorensis</i> from Ecuador. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 370-373.	1.4	17
8	Chemical composition and biological activity of the essential oil of <i>Baccharis obtusifolia</i> Kunth from Loja, Ecuador. <i>Journal of Essential Oil Research</i> , 2015, 27, 212-216.	2.7	17
9	Preparation, Characterization and Antibacterial Activity of Poly(ϵ -caprolactone) Electrospun Fibers Loaded with Amoxicillin for Controlled Release in Biomedical Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1717-1726.	0.9	16
10	α -Glucosidase Inhibition and Antibacterial Activity of Secondary Metabolites from the Ecuadorian Species <i>Clinopodium taxifolium</i> (Kunth) Govaerts. <i>Molecules</i> , 2018, 23, 146.	3.8	16
11	Chemical composition, antifungal and antibacterial activity of the essential oil from <i>Baccharis latifolia</i> (Ruiz & Pav.) Pers. (Asteraceae) from Loja, Ecuador. <i>Journal of Essential Oil Research</i> , 2013, 25, 233-238.	2.7	15
12	Novel Flavonoid Glycosides of Quercetin from Leaves and Flowers of <i>Gaiadendron punctatum</i> G. Don. (Violeta de Campo), used by the Saraguro Community in Southern Ecuador, Inhibit α -Glucosidase Enzyme. <i>Molecules</i> , 2019, 24, 4267.	3.8	13
13	Evaluation of Indolocarbazoles from <i>Streptomyces sanyensis</i> as a Novel Source of Therapeutic Agents against the Brain-Eating Amoeba <i>Naegleria fowleri</i> . <i>Microorganisms</i> , 2020, 8, 789.	3.6	13
14	Study of Volatile Secondary Metabolites Present in <i>Piper carpunya</i> Leaves and in the Traditional Ecuadorian Beverage Guaviduca. <i>Plants</i> , 2021, 10, 338.	3.5	13
15	Chemical composition and antimicrobial activity of <i>Myrcianthes fragrans</i> essential oil, a natural aromatizer of the traditional Ecuadorian beverage colada morada. <i>Journal of Ethnopharmacology</i> , 2018, 225, 319-326.	4.1	12
16	Chemical Constituents of the Essential Oil from Ecuadorian Endemic Species <i>Croton ferrugineus</i> and Its Antimicrobial, Antioxidant and α -Glucosidase Inhibitory Activity. <i>Molecules</i> , 2021, 26, 4608.	3.8	12
17	PRELIMINARY PHYTOCHEMICAL STUDY OF THE ECUADORIAN PLANT <i>CROTON ELEGANS</i> KUNTH (EUPHORBIACEAE). <i>Journal of the Chilean Chemical Society</i> , 2018, 63, 3875-3877.	1.2	11
18	Antiamoebic Activities of Indolocarbazole Metabolites Isolated from <i>Streptomyces sanyensis</i> Cultures. <i>Marine Drugs</i> , 2019, 17, 588.	4.6	11

#	ARTICLE	IF	CITATIONS
19	Phytochemical profile, antimicrobial and antioxidant activities of essential oil extracted from Ecuadorian species <i>Piper ecuadorense</i> sodiro. <i>Natural Product Research</i> , 2021, 35, 6014-6019.	1.8	10
20	Suillin: A mixed-type acetylcholinesterase inhibitor from <i>Suillus luteus</i> which is used by Saraguros indigenous, southern Ecuador. <i>PLoS ONE</i> , 2022, 17, e0268292.	2.5	8
21	A Rare Dirhamnosyl Flavonoid and Other Radical-Scavenging Metabolites from <i>Cynophalla mollis</i> (Kunth) J. Presl and <i>Colicodendron scabridum</i> (Kunt) Seem. (Capparaceae) of Ecuador. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100260.	2.1	6
22	Study of the essential oil from native amazonian species of Ecuador <i>Piper lineatum</i> , presence of apiole and safrole. <i>Natural Volatiles and Essential Oils (discontinued)</i> , 0, , .	1.1	6
23	Enantiomeric Composition, Antioxidant Capacity and Anticholinesterase Activity of Essential Oil from Leaves of Chirimoya (<i>Annona cherimola</i> Mill.). <i>Plants</i> , 2022, 11, 367.	3.5	6
24	Chemical composition, enantiomeric analysis and anticholinesterase activity of <i>Lepechinia betonicifolia</i> essential oil from Ecuador. <i>Pharmaceutical Biology</i> , 2022, 60, 206-211.	2.9	6
25	Chemical Composition, Enantiomeric Distribution and Anticholinesterase and Antioxidant Activity of the Essential Oil of <i>Diplostephium juniperinum</i> . <i>Plants</i> , 2022, 11, 1188.	3.5	6
26	Variability of the Chemical Composition and Bioactivity between the Essential Oils Isolated from Male and Female Specimens of <i>Hedyosmum racemosum</i> (Ruiz & Pav.) G. Don. <i>Molecules</i> , 2021, 26, 4613.	3.8	5
27	Chemical Constituents of <i>Croton thurifer</i> Kunth as α -Glucosidase Inhibitors. <i>Records of Natural Products</i> , 2019, 14, 31-41.	1.3	5
28	Antibacterial and cytotoxic activity from the extract and fractions of a marine derived bacterium from the <i>Streptomyces</i> genus. <i>Pharmaceutical Biology</i> , 2015, 53, 1826-1830.	2.9	4
29	Biological Activity and Chemical Composition of the Essential Oil from <i>Chromolaena laevigata</i> (Lam.) R.M. King & H. Rob. (Asteraceae) from Loja, Ecuador. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 384-390.	1.9	4
30	Main Constituents and Antidiabetic Properties of <i>Otholobium mexicanum</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	3