

ngel J Alonso-Castro

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8454941/angel-j-alonso-castro-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

1,506
citations

21
h-index

35
g-index

111
ext. papers

1,856
ext. citations

3.7
avg, IF

4.69
L-index

#	Paper	IF	Citations
106	Mexican medicinal plants used for cancer treatment: pharmacological, phytochemical and ethnobotanical studies. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 945-72	5	172
105	Rutin exerts antitumor effects on nude mice bearing SW480 tumor. <i>Archives of Medical Research</i> , 2013 , 44, 346-51	6.6	80
104	Accumulation and Distribution of Heavy Metals in <i>Scirpus americanus</i> and <i>Typha latifolia</i> from an Artificial Lagoon in San Luis Potosí, México. <i>Water, Air, and Soil Pollution</i> , 2008 , 188, 297-309	2.6	73
103	<i>Cecropia obtusifolia</i> Bertol and its active compound, chlorogenic acid, stimulate 2-NBDglucose uptake in both insulin-sensitive and insulin-resistant 3T3 adipocytes. <i>Journal of Ethnopharmacology</i> , 2008 , 120, 458-64	5	71
102	Ethnobotany of medicinal plants used in Xalpatlahuac, Guerrero, México. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 521-7	5	61
101	Physiological and biochemical response of plants to engineered NMs: Implications on future design. <i>Plant Physiology and Biochemistry</i> , 2017 , 110, 226-235	5.4	57
100	Medicinal plants used in the Huasteca Potosina, México. <i>Journal of Ethnopharmacology</i> , 2012 , 143, 292-8	5	56
99	<i>Magnolia dealbata</i> Zucc and its active principles honokiol and magnolol stimulate glucose uptake in murine and human adipocytes using the insulin-signaling pathway. <i>Phytomedicine</i> , 2011 , 18, 926-33	6.5	49
98	The anti-diabetic properties of <i>Guazuma ulmifolia</i> Lam are mediated by the stimulation of glucose uptake in normal and diabetic adipocytes without inducing adipogenesis. <i>Journal of Ethnopharmacology</i> , 2008 , 118, 252-6	5	48
97	Kaempferitrin induces apoptosis via intrinsic pathway in HeLa cells and exerts antitumor effects. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 476-89	5	38
96	Antitumor and immunomodulatory effects of <i>Justicia spicigera</i> Schlttdl (Acanthaceae). <i>Journal of Ethnopharmacology</i> , 2012 , 141, 888-94	5	36
95	Use of medicinal plants by health professionals in Mexico. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 81-86	5	34
94	Antitumor effect of <i>Croton lechleri</i> Mull. Arg. (Euphorbiaceae). <i>Journal of Ethnopharmacology</i> , 2012 , 140, 438-42	5	32
93	Plants used in the traditional medicine of Mesoamerica (Mexico and Central America) and the Caribbean for the treatment of obesity. <i>Journal of Ethnopharmacology</i> , 2015 , 175, 335-45	5	31
92	Isoorientin reverts TNF- α -induced insulin resistance in adipocytes activating the insulin signaling pathway. <i>Endocrinology</i> , 2012 , 153, 5222-30	4.8	30
91	Folk medicinal use of fauna in Mapimi, Durango, México. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 902-6	5	30
90	The antidiabetic plants <i>Tecoma stans</i> (L.) Juss. ex Kunth (Bignoniaceae) and <i>Teucrium cubense</i> Jacq (Lamiaceae) induce the incorporation of glucose in insulin-sensitive and insulin-resistant murine and human adipocytes. <i>Journal of Ethnopharmacology</i> , 2010 , 127, 1-6	5	30

89	Use of medicinal fauna in Mexican traditional medicine. <i>Journal of Ethnopharmacology</i> , 2014 , 152, 53-70	5	29
88	Kaempferitrin induces immunostimulatory effects in vitro. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 337-40	5	28
87	Antidiabetic effects of <i>Justicia spicigera</i> Schltdl (Acanthaceae). <i>Journal of Ethnopharmacology</i> , 2012 , 143, 455-62	5	25
86	In Situ Formed IIII-Based Reagent for the Electrophilic ortho-Chlorination of Phenols and Phenol Ethers: The Use of PIFA-AlCl ₃ System. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 485-493	3.2	21
85	Practical, mild and efficient electrophilic bromination of phenols by a new I(iii)-based reagent: the PIDA-AlBr system.. <i>RSC Advances</i> , 2018 , 8, 17806-17812	3.7	21
84	Removal and accumulation of cadmium and lead by <i>Typha latifolia</i> exposed to single and mixed metal solutions. <i>Archives of Environmental Contamination and Toxicology</i> , 2009 , 57, 688-96	3.2	19
83	Zootherapeutic practices in Aquismñ, San Luis PotosñMñico. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 233-7	5	18
82	Antimicrobial activity and cytotoxic effects of <i>Magnolia dealbata</i> and its active compounds. <i>Natural Product Communications</i> , 2011 , 6, 1121-4	0.9	18
81	<i>Ibervillea sonorae</i> (Cucurbitaceae) induces the glucose uptake in human adipocytes by activating a PI3K-independent pathway. <i>Journal of Ethnopharmacology</i> , 2014 , 152, 546-52	5	17
80	Antimicrobial and cytotoxic effects of Mexican medicinal plants. <i>Natural Product Communications</i> , 2011 , 6, 1925-8	0.9	16
79	Cytotoxic activity of the chloroform extract and four diterpenes isolated from <i>Salvia ballotiflora</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 302-305	2	15
78	Antinociceptive Activity of an Ethanol Extract of <i>Justicia spicigera</i> . <i>Drug Development Research</i> , 2016 , 77, 180-6	5.1	14
77	The endemic orchids of Mexico: a review. <i>Biologia (Poland)</i> , 2019 , 74, 1-13	1.5	14
76	Pharmacological effects and toxicity of <i>Costus pulverulentus</i> C. Presl (Costaceae). <i>Journal of Ethnopharmacology</i> , 2016 , 180, 124-30	5	13
75	Protecting-Group-Free Total Synthesis and Biological Evaluation of 3-Methylkealiquinone and Structural Analogues. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10627-10635	4.2	13
74	Medicinal Plants from North and Central America and the Caribbean Considered Toxic for Humans: The Other Side of the Coin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 9439868 ^{2,3}	2.3	12
73	The antitumoral effect of the American mistletoe <i>Phoradendron serotinum</i> (Raf.) M.C. Johnst. (Viscaceae) is associated with the release of immunity-related cytokines. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 857-64	5	11
72	Self-treatment with herbal products for weight-loss among overweight and obese subjects from central Mexico. <i>Journal of Ethnopharmacology</i> , 2019 , 234, 21-26	5	11

71	Pharmacological and toxicological study of a chemical-standardized ethanol extract of the branches and leaves from <i>Eysenhardtia polystachya</i> (Ortega) Sarg. (Fabaceae). <i>Journal of Ethnopharmacology</i> , 2018 , 224, 314-322	5	10
70	Biological effects of aqueous extract from Turkey vulture <i>Cathartes aura</i> (Cathartidae) meat. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 663-6	5	10
69	Anti-inflammatory and antinociceptive effects of tilifodiolide, isolated from <i>Salvia tiliifolia</i> Vahl (Lamiaceae). <i>Drug Development Research</i> , 2018 , 79, 165-172	5.1	9
68	<i>Magnolia dealbata</i> seeds extract exert cytotoxic and chemopreventive effects on MDA-MB231 breast cancer cells. <i>Pharmaceutical Biology</i> , 2014 , 52, 621-7	3.8	9
67	Medicinal Plants from Mexico, Central America, and the Caribbean Used as Immunostimulants. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 4017676	2.3	9
66	Toxicity and antinociceptive effects of <i>Hamelia patens</i> . <i>Revista Brasileira De Farmacognosia</i> , 2015 , 25, 170-176	2	8
65	Removal and accumulation of As, Cd and Cr by <i>Typha latifolia</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 650-3	2.7	8
64	Antinociceptive Activity of Ent-Dihydro-tucumanoic Acid Isolated from <i>Gymnosperma glutinosum</i> Spreng Less. <i>Drug Development Research</i> , 2017 , 78, 340-348	5.1	8
63	Total synthesis of kealiquinone: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazolone core.. <i>RSC Advances</i> , 2018 , 8, 30761-30776	3.7	8
62	The Antinociceptive Effect of a Tapentadol-Ketorolac Combination in a Mouse Model of Trigeminal Pain is Mediated by Opioid Receptors and ATP-Sensitive K Channels. <i>Drug Development Research</i> , 2017 , 78, 63-70	5.1	7
61	Diuretic activity and neuropharmacological effects of an ethanol extract from <i>Senna septemtrionalis</i> (Viv.) H.S. Irwin & Barneby (Fabaceae). <i>Journal of Ethnopharmacology</i> , 2019 , 239, 111923 ⁵		7
60	Synthesis, antinociceptive and anti-inflammatory effects of porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 2529-37	3.4	7
59	Use of standardized units for a correct interpretation of IC ₅₀ values obtained from the inhibition of the DPPH radical by natural antioxidants. <i>Chemical Papers</i> , 2020 , 74, 3325-3334	1.9	7
58	Self-medication practice in pregnant women from central Mexico. <i>Saudi Pharmaceutical Journal</i> , 2018 , 26, 886-890	4.4	7
57	Antinociceptive and anti-inflammatory effects of <i>Cuphea aequipetala</i> Cav (Lythraceae). <i>Inflammopharmacology</i> , 2021 , 29, 295-306	5.1	7
56	Infection, Alveolar Osteitis, and Adverse Effects Using Metronidazole in Healthy Patients Undergoing Third Molar Surgery: A Meta-analysis. <i>Journal of Maxillofacial and Oral Surgery</i> , 2018 , 17, 142-149	0.9	6
55	Serpina3g participates in the antiadipogenesis and insulin-resistance induced by tumor necrosis factor- α in 3T3-F442A cells. <i>Cytokine</i> , 2014 , 69, 180-8	4	6
54	Antimicrobial and Cytotoxic Effects of Mexican Medicinal Plants. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100601	0.9	6

53	Antinociceptive and anti-arthritic effects of kramecyne. <i>Life Sciences</i> , 2015 , 121, 70-7	6.8	5
52	Evaluation of the neuropharmacological effects of Gardenin A in mice. <i>Drug Development Research</i> , 2020 , 81, 600-608	5.1	5
51	Enantioselective synthesis of tetrahydrocarbazoles via trienamine catalysis and their anxiolytic-like activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127063	2.9	5
50	Pharmacological Control of Complications Following to Third Molar Removal: Evidence Based on A Meta-Analysis. <i>Drug Research</i> , 2019 , 69, 5-11	1.8	5
49	Synergism between Naproxen and Rutin in a Mouse Model of Visceral Pain. <i>Drug Development Research</i> , 2017 , 78, 184-188	5.1	5
48	Anti-inflammatory and antinociceptive effects of an ethanol extract from <i>Senna septemtrionalis</i> . <i>Inflammopharmacology</i> , 2020 , 28, 541-549	5.1	5
47	Toxicological Screening of Four Bioactive Citroflavonoids: In Vitro, In Vivo, and In Silico Approaches. <i>Molecules</i> , 2020 , 25,	4.8	5
46	Isobolographic Analysis of the Interaction Between Tapentadol and Ketorolac in a Mouse Model of Visceral Pain. <i>Drug Development Research</i> , 2016 , 77, 187-91	5.1	5
45	Participation of ATP-sensitive K ⁺ channels and Opioid receptors in the antinociceptive synergism of the paracetamol-tapentadol co-administration in the formalin-induced pain assay in mice. <i>Drug Development Research</i> , 2018 , 79, 400-405	5.1	5
44	The antinociceptive effects of a standardized ethanol extract of the <i>Bidens odorata</i> Cav (Asteraceae) leaves are mediated by ATP-sensitive K channels. <i>Journal of Ethnopharmacology</i> , 2017 , 207, 30-33	5	4
43	Total synthesis of the linear and angular 3-methylated regioisomers of the marine natural product Kealiiquinone and biological evaluation of related <i>Leucetta</i> sp. alkaloids on human breast cancer. <i>Medicinal Chemistry Research</i> , 2019 , 28, 473-484	2.2	4
42	Neuropharmacological effects of d-pinitol and its possible mechanisms of action. <i>Journal of Food Biochemistry</i> , 2019 , 43, e13070	3.3	4
41	Antimicrobial Activity and Cytotoxic Effects of <i>Magnolia dealbata</i> and its Active Compounds. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	4
40	Antinociceptive, anti-inflammatory, and central nervous system (CNS) effects of the natural coumarin soulattrolide. <i>Drug Development Research</i> , 2018 , 79, 332-338	5.1	4
39	Validated and rapid measurement of the ferric reducing antioxidant power in plasma samples. <i>Chemical Papers</i> , 2018 , 72, 2561-2574	1.9	4
38	Anti-inflammatory and antitumor activities of the chloroform extract and anti-inflammatory effect of the three diterpenes isolated from <i>Salvia ballotiflora</i> Benth. <i>BMC Complementary Medicine and Therapies</i> , 2021 , 21, 17	2.9	4
37	Assessment of the antinociceptive and ulcerogenic activity of the tapentadol-diclofenac combination in rodents. <i>Drug Development Research</i> , 2018 , 79, 38-44	5.1	3
36	Mexican Traditional Medicine: Traditions of Yesterday and Phytomedicines of Tomorrow 2015 , 1-37		3

35	Effects of kramecyne on LPS induced chronic inflammation and gastric ulcers. <i>Drug Development Research</i> , 2015 , 76, 185-93	5.1	3
34	Maturin acetate from <i>Psacalium peltatum</i> (Kunth) Cass. (Asteraceae) induces immunostimulatory effects in vitro and in vivo. <i>Toxicology in Vitro</i> , 2013 , 27, 1001-6	3.6	3
33	A Meta-Analysis of the Analgesic Efficacy of Single-Doses of Ibuprofen Compared to Traditional Non-Opioid Analgesics Following Third Molar Surgery. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
32	Analgesic effectiveness and safety of celecoxib versus non-opioid active controls after third molar surgery: A meta-analytical evaluation. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021 ,	1.7	3
31	Pharmacological evaluation of 2-angeloyl ent-dihydrotucumanoic acid. <i>Pharmaceutical Biology</i> , 2017 , 55, 873-879	3.8	2
30	Hydrocortisone release from tablets based on bioresorbable poly(ether-ester-urethane)s. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017 , 53,	1.8	2
29	Chemical characterization, pharmacological effects, and toxicity of an ethanol extract of <i>Celtis pallida</i> Torr. (Cannabaceae) aerial parts. <i>Journal of Ethnopharmacology</i> , 2018 , 219, 126-132	5	2
28	Association of the 35JTR polymorphism (rs11665896) in the FGF21 gene with metabolic status and nutrient intake in children with obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019 , 32, 921-928	1.6	2
27	Antidiarrheal, vasorelaxant, and neuropharmacological actions of the diterpene tilifodiolide. <i>Drug Development Research</i> , 2019 , 80, 981-991	5.1	2
26	Phytoremediation Technology: Sustainable Solution for Cleaning Up of Recalcitrant Pollutants from Disturbed Environs 2020 , 245-268		2
25	Antinociception and less gastric injury with the dexketoprofen-tapentadol combination in mice. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 371-378	3.1	2
24	Biotechnological approaches for conservation of medicinal plants 2021 , 35-58		2
23	Terpenes of the Genus <i>Salvia</i> : Cytotoxicity and Antitumoral Effects 2018 , 163-205		2
22	Analgesic Efficacy of Etoricoxib following Third Molar Surgery: A Meta-analysis. <i>Behavioural Neurology</i> , 2021 , 2021, 9536054	3	2
21	Matrix effect evaluation and validation of the 2,2'-azino-bis (3-ethylbenzothiazoline-6-sulfonic acid) radical cation scavenging assay, as well as its application using a tejate, an ancient beverage in Mexico. <i>Chemical Papers</i> , 2019 , 73, 2767-2781	1.9	1
20	Anti-inflammatory and diuretic effects of the diterpene ent-dihydrotucumanoic acid. <i>Drug Development Research</i> , 2019 , 80, 800-806	5.1	1
19	Postoperative administration of ketorolac compared to other drugs for pain control after third molar surgery: A meta-analysis of double-blind, randomized, clinical trials.. <i>British Journal of Clinical Pharmacology</i> , 2022 ,	3.8	1
18	Micropropagation of <i>Catasetum integerrimum</i> Hook (Orchidaceae) through seed germination and direct shoot regeneration from pseudobulbs and roots. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1	2.3	1

17	FGF21 and its Relationship with Inflammatory and Metabolic Parameters in HIV Patients after Antiretroviral Treatment. <i>Current HIV Research</i> , 2020 , 18, 308-314	1.3	1
16	Credibility of In Situ Phytoremediation for Restoration of Disturbed Environments 2020 , 233-256		1
15	A meta-analysis on the efficacy of the ropivacaine infiltration in comparison with other dental anesthetics. <i>Clinical Oral Investigations</i> , 2021 , 25, 6779-6790	4.2	1
14	Self-treatment and adverse reactions with herbal products for treating symptoms associated with anxiety and depression in adults from the central-western region of Mexico during the Covid-19 pandemic. <i>Journal of Ethnopharmacology</i> , 2021 , 272, 113952	5	1
13	Immunization with Human Papillomavirus 16 L1+E2 Chimeric Capsomers Elicits Cellular Immune Response and Antitumor Activity in a Mouse Model. <i>Viral Immunology</i> , 2016 , 29, 276-87	1.7	1
12	In vitro and in vivo anti-inflammatory effects of an ethanol extract from the aerial parts of <i>Eryngium carlinae</i> F. Delaroché (Apiaceae). <i>Journal of Ethnopharmacology</i> , 2021 , 266, 113406	5	1
11	Pharmacological activities of <i>Asclepias curassavica</i> L. (Apocynaceae) aerial parts. <i>Journal of Ethnopharmacology</i> , 2021 , 281, 114554	5	1
10	Myristic acid reduces skin inflammation and nociception. <i>Journal of Food Biochemistry</i> , 2021 , e14013	3.3	0
9	Discovery of new effective N-alkyl-3,4-diarylmaleimides-based drugs for reversing the bacterial resistance to rhodamine 6G in <i>Bacillus subtilis</i> . <i>Chemical Papers</i> , 2020 , 74, 1429-1438	1.9	0
8	Central nervous system evaluation of an ethanol extract of <i>Bidens odorata</i> Cav (Asteraceae) leaves, and its antinociceptive interaction with paracetamol and naproxen. <i>Inflammopharmacology</i> , 2020 , 28, 749-757	5.1	0
7	Anti-inflammatory, antinociceptive, and cytotoxic activity of methanolic extract of <i>Mansoa hymenaea</i> (DC.) A.H. Gentry. <i>Botany Letters</i> , 2021 , 168, 110-119	1.1	0
6	In vitro and In vivo Synergistic Interactions of the Flavonoid Rutin with Paracetamol and with Non-Steroidal Anti-Inflammatory Drugs. <i>Archives of Medical Research</i> , 2021 , 52, 611-619	6.6	0
5	Use of herbal medicine for diabetes mellitus in adults from the central-western region of Mexico. <i>Primary Care Diabetes</i> , 2021 , 15, 1095-1099	2.4	0
4	Antinociceptive effects of <i>Laelia anceps</i> Lindl. and <i>Cyrtopodium macrobulbon</i> (Lex.) G.A. Romero & Carnevali, and comparative evaluation of their metabolomic profiles.. <i>Journal of Ethnopharmacology</i> , 2022 , 291, 115172	5	0
3	Bioactive compounds obtained from plants, their pharmacological applications and encapsulation 2021 , 181-205		
2	Synthesis and evaluation of antinociceptive and anti-inflammatory effects of nitro-porphyrins. <i>Medicinal Chemistry Research</i> , 2018 , 27, 1782-1791	2.2	
1	Efficacy of Methylprednisolone Compared to Other Drugs for Pain, Swelling, and Trismus Control after Third Molar Surgery: A Meta-Analysis. <i>Healthcare (Switzerland)</i> , 2022 , 10, 1028	3-4	