Ãngel J Alonso-Castro

List of Publications by Year
in descending order

111	2,262	257450	265206
papers	citations	24 h-index	42 g-index

111	111	111	3083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analgesic effectiveness and safety of celecoxib versus non-opioid active controls after third molar surgery: A meta-analytical evaluation. Journal of Stomatology, Oral and Maxillofacial Surgery, 2022, 123, e1-e9.	1.3	7
2	Myristic acid reduces skin inflammation and nociception. Journal of Food Biochemistry, 2022, 46, e14013.	2.9	12
3	Postoperative administration of ketorolac compared to other drugs for pain control after third molar surgery: A metaâ€analysis of doubleâ€blind, randomized, clinical trials. British Journal of Clinical Pharmacology, 2022, 88, 2591-2604.	2.4	4
4	Antinociceptive effects of Laelia anceps Lindl. and Cyrtopodium macrobulbon (Lex.) G.A. Romero & Carnevali, and comparative evaluation of their metabolomic profiles. Journal of Ethnopharmacology, 2022, 291, 115172.	4.1	1
5	Anti-Inflammatory and Antinociceptive Activities of the Essential Oil of Tagetes parryi A. Gray (Asteraceae) and Verbenone. Molecules, 2022, 27, 2612.	3.8	5
6	Efficacy of Methylprednisolone Compared to Other Drugs for Pain, Swelling, and Trismus Control after Third Molar Surgery: A Meta-Analysis. Healthcare (Switzerland), 2022, 10, 1028.	2.0	1
7	Iodine(<scp>iii</scp>) reagents for oxidative aromatic halogenation. Organic and Biomolecular Chemistry, 2022, 20, 5009-5034.	2.8	18
8	Dexamethasone Increases the Anesthetic Success in Patients with Symptomatic Irreversible Pulpitis: A Meta-Analysis. Pharmaceuticals, 2022, 15, 878.	3.8	2
9	Antinociceptive and anti-inflammatory effects of Cuphea aequipetala Cav (Lythraceae). Inflammopharmacology, 2021, 29, 295-306.	3.9	11
10	Antinociception and less gastric injury with the dexketoprofenâ€tapentadol combination in mice. Fundamental and Clinical Pharmacology, 2021, 35, 371-378.	1.9	4
11	In vitro and in vivo anti-inflammatory effects of an ethanol extract from the aerial parts of Eryngium carlinae F. Delaroche (Apiaceae). Journal of Ethnopharmacology, 2021, 266, 113406.	4.1	3
12	Anti-inflammatory, antinociceptive, and cytotoxic activity of methanolic extract of Mansoa hymenaea (DC.) A.H. Gentry. Botany Letters, 2021, 168, 110-119.	1.4	1
13	Biotechnological approaches for conservation of medicinal plants. , 2021, , 35-58.		7
14	Bioactive compounds obtained from plants, their pharmacological applications and encapsulation. , 2021, , 181-205.		1
15	Calidad del agua de los manantiales del humedal natural â€œCiÃ©nega de Tamasopoâ€•en San Luis PotosÃ, MÃ©xico. Tecnologia Y Ciencias Del Agua, 2021, 12, 01-25.	0.3	0
16	A meta-analysis on the efficacy of the ropivacaine infiltration in comparison with other dental anesthetics. Clinical Oral Investigations, 2021, 25, 6779-6790.	3.0	4
17	A Meta-Analysis of the Analgesic Efficacy of Single-Doses of Ibuprofen Compared to Traditional Non-Opioid Analgesics Following Third Molar Surgery. Pharmaceuticals, 2021, 14, 360.	3.8	6
18	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. Journal of Ethnopharmacology, 2021, 272, 113952.	4.1	11

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19	In vitro and In vivo Synergistic Interactions of the Flavonoid Rutin with Paracetamol and with Non-Steroidal Anti-Inflammatory Drugs. Archives of Medical Research, 2021, 52, 611-619.	3.3	5
20	Use of herbal medicine for diabetes mellitus in adults from the centralâ€“western region of Mexico. Primary Care Diabetes, 2021, 15, 1095-1099.	1.8	3
21	Analgesic Efficacy of Etoricoxib following Third Molar Surgery: A Meta-analysis. Behavioural Neurology, 2021, 2021, 1-10.	2.1	12
22	Pharmacological activities of Asclepias curassavica L. (Apocynaceae) aerial parts. Journal of Ethnopharmacology, 2021, 281, 114554.	4.1	10
23	Anti-inflammatory and antitumor activities of the chloroform extract and anti-inflammatory effect of the three diterpenes isolated from Salvia ballotiflora Benth. BMC Complementary Medicine and Therapies, 2021, 21, 17.	2.7	6
24	Anti-inflammatory and antinociceptive effects of an ethanol extract from Senna septemtrionalis. Inflammopharmacology, 2020, 28, 541-549.	3.9	8
25	Discovery of new effective N-alkyl-3,4-diarylmaleimides-based drugs for reversing the bacterial resistance to rhodamine 6G in Bacillus subtilis. Chemical Papers, 2020, 74, 1429-1438.	2.2	1
26	Central nervous system evaluation of an ethanol extract of Bidens odorata Cav (Asteraceae) leaves, and its antinociceptive interaction with paracetamol and naproxen. Inflammopharmacology, 2020, 28, 749-757.	3.9	4
27	Toxicological Screening of Four Bioactive Citroflavonoids: In Vitro, In Vivo, and In Silico Approaches. Molecules, 2020, 25, 5959.	3.8	17
28	Evaluation of the neuropharmacological effects of Gardenin A in mice. Drug Development Research, 2020, 81, 600-608.	2.9	11
29	Enantioselective synthesis of tetrahydrocarbazoles via trienamine catalysis and their anxiolytic-like activity. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127063.	2.2	7
30	Use of standardized units for a correct interpretation of IC50 values obtained from the inhibition of the DPPH radical by natural antioxidants. Chemical Papers, 2020, 74, 3325-3334.	2.2	33
31	Credibility of In Situ Phytoremediation for Restoration of Disturbed Environments. , 2020, , 233-256.		2
32	Phytoremediation Technology: Sustainable Solution for Cleaning Up of Recalcitrant Pollutants from Disturbed Environs. , 2020, , 245-268.		2
33	Synthesis of novel pyrroloazepinones by Schmidt expansions of 6-indolones. Arkivoc, 2020, 2020, 262-275.	0.5	1
34	FGF21 and its Relationship with Inflammatory and Metabolic Parameters in HIV Patients after Antiretroviral Treatment. Current HIV Research, 2020, 18, 308-314.	0.5	2
35	Pharmacological Control of Complications Following to Third Molar Removal: Evidence Based on A Meta-Analysis. Drug Research, 2019, 69, 5-11.	1.7	8
36	Matrix effect evaluation and validation of the 2,2â€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. Chemical Papers, 2019, 73, 2767-2781.	2.2	3

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37	Association of the 3â€²UTR polymorphism (rs11665896) in the FGF21 gene with metabolic status and nutrient intake in children with obesity. Journal of Pediatric Endocrinology and Metabolism, 2019, 32, 921-928.	0.9	6
38	Antidiarrheal, vasorelaxant, and neuropharmacological actions of the diterpene tilifodiolide. Drug Development Research, 2019, 80, 981-991.	2.9	3
39	Antiâ€inflammatory and diuretic effects of the diterpene entâ€dihydrotucumanoic acid. Drug Development Research, 2019, 80, 800-806.	2.9	3
40	Neuropharmacological effects of <scp>d</scp> â€pinitol and its possible mechanisms of action. Journal of Food Biochemistry, 2019, 43, e13070.	2.9	15
41	Diuretic activity and neuropharmacological effects of an ethanol extract from Senna septemtrionalis (Viv.) H.S. Irwin & Barneby (Fabaceae). Journal of Ethnopharmacology, 2019, 239, 111923.	4.1	12
42	Total synthesis of the linear and angular 3-methylated regioisomers of the marine natural product Kealiiquinone and biological evaluation of related Leucetta sp. alkaloids on human breast cancer. Medicinal Chemistry Research, 2019, 28, 473-484.	2.4	12
43	The endemic orchids of Mexico: a review. Biologia (Poland), 2019, 74, 1-13.	1.5	23
44	Self-treatment with herbal products for weight-loss among overweight and obese subjects from central Mexico. Journal of Ethnopharmacology, 2019, 234, 21-26.	4.1	20
45	Assessment of the antinociceptive and ulcerogenic activity of the tapentadolâ€“diclofenac combination in rodents. Drug Development Research, 2018, 79, 38-44.	2.9	4
46	Self-medication practice in pregnant women from central Mexico. Saudi Pharmaceutical Journal, 2018, 26, 886-890.	2.7	27
47	Chemical characterization, pharmacological effects, and toxicity of an ethanol extract of Celtis pallida Torr. (Cannabaceae) aerial parts. Journal of Ethnopharmacology, 2018, 219, 126-132.	4.1	2
48	Infection, Alveolar Osteitis, and Adverse Effects Using Metronidazole in Healthy Patients Undergoing Third Molar Surgery: A Meta-analysis. Journal of Maxillofacial and Oral Surgery, 2018, 17, 142-149.	1.4	11
49	In Situ Formed I^{III}â€Based Reagent for the Electrophilic orthoâ€Chlorination of Phenols and Phenol Ethers: The Use of PIFAâ€AlCl₃ System. European Journal of Organic Chemistry, 2018, 2018, 485-493.	2.4	35
50	Antinociceptive, antiâ€inflammatory, and central nervous system (CNS) effects of the natural coumarin soulattrolide. Drug Development Research, 2018, 79, 332-338.	2.9	6
51	Participation of ATPâ€sensitive K+ channels and Î¼â€opioid receptors in the antinociceptive synergism of the paracetamolâ€“tapentadol coâ€administration in the formalinâ€induced pain assay in mice. Drug Development Research, 2018, 79, 400-405.	2.9	7
52	Total synthesis of kealiiquinone: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazolone core. RSC Advances, 2018, 8, 30761-30776.	3.6	18
53	Validated and rapid measurement of the ferric reducing antioxidant power in plasma samples. Chemical Papers, 2018, 72, 2561-2574.	2.2	4
54	Synthesis and evaluation of antinociceptive and anti-inflammatory effects of nitro-porphyrins. Medicinal Chemistry Research, 2018, 27, 1782-1791.	2.4	0

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55	Practical, mild and efficient electrophilic bromination of phenols by a new I(<scp>iii</scp>)-based reagent: the PIDAâ€“AlBr₃system. RSC Advances, 2018, 8, 17806-17812.	3.6	40
56	Terpenes of the Genus Salvia: Cytotoxicity and Antitumoral Effects. , 2018, , 163-205.		2
57	Antiâ€inflammatory and antinociceptive effects of tilifodiolide, isolated from Salvia tiliifolia Vahl (Lamiaceae). Drug Development Research, 2018, 79, 165-172.	2.9	12
58	Protecting-Group-Free Total Synthesis and Biological Evaluation of 3-Methylkealiiquinone and Structural Analogues. Journal of Organic Chemistry, 2018, 83, 10627-10635.	3.2	22
59	Pharmacological and toxicological study of a chemical-standardized ethanol extract of the branches and leaves from Eysenhardtia polystachya (Ortega) Sarg. (Fabaceae). Journal of Ethnopharmacology, 2018, 224, 314-322.	4.1	16
60	Physiological and biochemical response of plants to engineered NMs: Implications on future design. Plant Physiology and Biochemistry, 2017, 110, 226-235.	5.8	69
61	The antinociceptive effects of a standardized ethanol extract of the Bidens odorata Cav (Asteraceae) leaves are mediated by ATP-sensitive K + channels. Journal of Ethnopharmacology, 2017, 207, 30-33.	4.1	8
62	Cytotoxic activity of the chloroform extract and four diterpenes isolated from Salvia ballotiflora. Revista Brasileira De Farmacognosia, 2017, 27, 302-305.	1.4	18
63	Pharmacological evaluation of 2-angeloyl ent-dihydrotucumanoic acid. Pharmaceutical Biology, 2017, 55, 873-879.	2.9	4
64	Use of medicinal plants by health professionals in Mexico. Journal of Ethnopharmacology, 2017, 198, 81-86.	4.1	60
65	The Antinociceptive Effect of a Tapentadolâ€Ketorolac Combination in a Mouse Model of Trigeminal Pain is Mediated by Opioid Receptors and ATPâ€Sensitive K⁺ Channels. Drug Development Research, 2017, 78, 63-70.	2.9	8
66	Antinociceptive Activity of Entâ€Dihydrotucumanoic Acid Isolated from Gymnosperma glutinosum Spreng Less. Drug Development Research, 2017, 78, 340-348.	2.9	11
67	Synergism between Naproxen and Rutin in a Mouse Model of Visceral Pain. Drug Development Research, 2017, 78, 184-188.	2.9	10
68	Medicinal Plants from North and Central America and the Caribbean Considered Toxic for Humans: The Other Side of the Coin. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-28.	1.2	28
69	Hydrocortisone release from tablets based on bioresorbable poly(ether-ester-urethane)s. Brazilian Journal of Pharmaceutical Sciences, 2017, 53, .	1.2	2
70	Medicinal Plants from Mexico, Central America, and the Caribbean Used as Immunostimulants. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-15.	1.2	11
71	Isobolographic Analysis of the Interaction Between Tapentadol and Ketorolac in a Mouse Model of Visceral Pain. Drug Development Research, 2016, 77, 187-191.	2.9	7
72	Antinociceptive Activity of an Ethanol Extract of Justicia spicigera. Drug Development Research, 2016, 77, 180-186.	2.9	19

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73	Immunization with Human Papillomavirus 16 L1+E2 Chimeric Capsomers Elicits Cellular Immune Response and Antitumor Activity in a Mouse Model. Viral Immunology, 2016, 29, 276-287.	1.3	1
74	Pharmacological effects and toxicity of Costus pulverulentus C. Presl (Costaceae). Journal of Ethnopharmacology, 2016, 180, 124-130.	4.1	15
75	Toxicity and antinociceptive effects of Hamelia patens. Revista Brasileira De Farmacognosia, 2015, 25, 170-176.	1.4	15
76	Mexican Traditional Medicine: Traditions of Yesterday and Phytomedicines of Tomorrow. , 2015, , 1-37.		4
77	Effects of Kramecyne on <scp>LPS</scp> Induced Chronic Inflammation and Gastric Ulcers. Drug Development Research, 2015, 76, 185-193.	2.9	3
78	Synthesis, antinociceptive and anti-inflammatory effects of porphyrins. Bioorganic and Medicinal Chemistry, 2015, 23, 2529-2537.	3.0	8
79	Plants used in the traditional medicine of Mesoamerica (Mexico and Central America) and the Caribbean for the treatment of obesity. Journal of Ethnopharmacology, 2015, 175, 335-345.	4.1	41
80	Antinociceptive and anti-arthritic effects of kramecyne. Life Sciences, 2015, 121, 70-77.	4.3	7
81	Magnolia dealbata seeds extract exert cytotoxic and chemopreventive effects on MDA-MB231 breast cancer cells. Pharmaceutical Biology, 2014, 52, 621-627.	2.9	11
82	Ibervillea sonorae (Cucurbitaceae) induces the glucose uptake in human adipocytes by activating a PI3K-independent pathway. Journal of Ethnopharmacology, 2014, 152, 546-552.	4.1	25
83	Use of medicinal fauna in Mexican traditional medicine. Journal of Ethnopharmacology, 2014, 152, 53-70.	4.1	47
84	SerpinA3g participates in the antiadipogenesis and insulin-resistance induced by tumor necrosis factor-Î± in 3T3-F442A cells. Cytokine, 2014, 69, 180-188.	3.2	8
85	Removal and Accumulation of As, Cd and Cr by Typha latifolia. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 650-653.	2.7	9
86	Rutin Exerts Antitumor Effects on Nude Mice Bearing SW480 Tumor. Archives of Medical Research, 2013, 44, 346-351.	3.3	101
87	Kaempferitrin induces immunostimulatory effects in vitro. Journal of Ethnopharmacology, 2013, 148, 337-340.	4.1	38
88	Biological effects of aqueous extract from Turkey vulture Cathartes aura (Cathartidae) meat. Journal of Ethnopharmacology, 2013, 145, 663-666.	4.1	16
89	Maturin acetate from Psacalium peltatum (Kunth) Cass. (Asteraceae) induces immunostimulatory effects in vitro and in vivo. Toxicology in Vitro, 2013, 27, 1001-1006.	2.4	4
90	Kaempferitrin induces apoptosis via intrinsic pathway in HeLa cells and exerts antitumor effects. Journal of Ethnopharmacology, 2013, 145, 476-489.	4.1	48

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91	Ethnobotany of medicinal plants used in Xalpatlahuac, Guerrero, MÃ©xico. Journal of Ethnopharmacology, 2013, 148, 521-527.	4.1	97
92	Isoorientin Reverts TNF-Î±-Induced Insulin Resistance in Adipocytes Activating the Insulin Signaling Pathway. Endocrinology, 2012, 153, 5222-5230.	2.8	37
93	Antitumor effect of Croton lechleri Mull. Arg. (Euphorbiaceae). Journal of Ethnopharmacology, 2012, 140, 438-442.	4.1	38
94	Antitumor and immunomodulatory effects of Justicia spicigera Schltdl (Acanthaceae). Journal of Ethnopharmacology, 2012, 141, 888-894.	4.1	45
95	The antitumoral effect of the American mistletoe Phoradendron serotinum (Raf.) M.C. Johnst. (Viscaceae) is associated with the release of immunity-related cytokines. Journal of Ethnopharmacology, 2012, 142, 857-864.	4.1	17
96	Medicinal plants used in the Huasteca Potosina, MÃ©xico. Journal of Ethnopharmacology, 2012, 143, 292-298.	4.1	75
97	Antidiabetic effects of Justicia spicigera Schltdl (Acanthaceae). Journal of Ethnopharmacology, 2012, 143, 455-462.	4.1	33
98	Folk medicinal use of fauna in Mapimi, Durango, MÃ©xico. Journal of Ethnopharmacology, 2011, 133, 902-906.	4.1	36
99	Mexican medicinal plants used for cancer treatment: Pharmacological, phytochemical and ethnobotanical studies. Journal of Ethnopharmacology, 2011, 133, 945-972.	4.1	228
100	Zootherapeutic practices in AquismÃ³n, San Luis PotosÃ¡, MÃ©xico. Journal of Ethnopharmacology, 2011, 138, 233-237.	4.1	23
101	Antimicrobial Activity and Cytotoxic Effects of Magnolia dealbata and its Active Compounds. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	14
102	Antimicrobial and Cytotoxic Effects of Mexican Medicinal Plants. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	22
103	Magnolia dealbata Zucc and its active principles honokiol and magnolol stimulate glucose uptake in murine and human adipocytes using the insulin-signaling pathway. Phytomedicine, 2011, 18, 926-933.	5.3	57
104	Antimicrobial activity and cytotoxic effects of Magnolia dealbata and its active compounds. Natural Product Communications, 2011, 6, 1121-4.	0.5	19
105	Antimicrobial and cytotoxic effects of Mexican medicinal plants. Natural Product Communications, 2011, 6, 1925-8.	0.5	17
106	The antidiabetic plants Tecoma stans (L.) Juss. ex Kunth (Bignoniaceae) and Teucrium cubense Jacq (Lamiaceae) induce the incorporation of glucose in insulin-sensitive and insulin-resistant murine and human adipocytes. Journal of Ethnopharmacology, 2010, 127, 1-6.	4.1	48
107	Removal and Accumulation of Cadmium and Lead by Typha latifolia Exposed to Single and Mixed Metal Solutions. Archives of Environmental Contamination and Toxicology, 2009, 57, 688-696.	4.1	27
108	Accumulation and Distribution of Heavy Metals in Scirpus americanus and Typha latifolia from an Artificial Lagoon in San Luis PotosÃ¡, MÃ©xico. Water, Air, and Soil Pollution, 2008, 188, 297-309.	2.4	88

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109	The anti-diabetic properties of Guazuma ulmifolia Lam are mediated by the stimulation of glucose uptake in normal and diabetic adipocytes without inducing adipogenesis. Journal of Ethnopharmacology, 2008, 118, 252-256.	4.1	59
110	Cecropia obtusifolia Bertol and its active compound, chlorogenic acid, stimulate 2-NBDglucose uptake in both insulin-sensitive and insulin-resistant 3T3 adipocytes. Journal of Ethnopharmacology, 2008, 120, 458-464.	4.1	91
111	Micropropagation of Catasetum integerrimum Hook (Orchidaceae) through seed germination and direct shoot regeneration from pseudobulbs and roots. In Vitro Cellular and Developmental Biology - Plant, 0, , 1.	2.1	2