

# ngel J Alonso-Castro

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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	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> , <b>2022</b> ,	3.8	1
105	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> , <b>2022</b> , 291, 115172	5	0
104	Efficacy of Methylprednisolone Compared to Other Drugs for Pain, Swelling, and Trismus Control after Third Molar Surgery: A Meta-Analysis. <i>Healthcare (Switzerland)</i> , <b>2022</b> , 10, 1028	3.4	
103	Myristic acid reduces skin inflammation and nociception. <i>Journal of Food Biochemistry</i> , <b>2021</b> , e14013	3.3	0
102	A meta-analysis on the efficacy of the ropivacaine infiltration in comparison with other dental anesthetics. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 6779-6790	4.2	1
101	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> , <b>2021</b> , 14,	5.2	3
100	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> , <b>2021</b> , 272, 113952	5	1
99	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> , <b>2021</b> ,	1.7	3
98	Antinociceptive and anti-inflammatory effects of <i>Cuphea aequipetala</i> Cav (Lythraceae). <i>Inflammopharmacology</i> , <b>2021</b> , 29, 295-306	5.1	7
97	Antinociception and less gastric injury with the dexketoprofen-tapentadol combination in mice. <i>Fundamental and Clinical Pharmacology</i> , <b>2021</b> , 35, 371-378	3.1	2
96	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> , <b>2021</b> , 266, 113406	5	1
95	Anti-inflammatory, antinociceptive, and cytotoxic activity of methanolic extract of <i>Mansoa hymenaea</i> (DC.) A.H. Gentry. <i>Botany Letters</i> , <b>2021</b> , 168, 110-119	1.1	0
94	Biotechnological approaches for conservation of medicinal plants <b>2021</b> , 35-58		2
93	Bioactive compounds obtained from plants, their pharmacological applications and encapsulation <b>2021</b> , 181-205		
92	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> , <b>2021</b> , 52, 611-619	6.6	0
91	Use of herbal medicine for diabetes mellitus in adults from the central-western region of Mexico. <i>Primary Care Diabetes</i> , <b>2021</b> , 15, 1095-1099	2.4	0
90	Analgesic Efficacy of Etoricoxib following Third Molar Surgery: A Meta-analysis. <i>Behavioural Neurology</i> , <b>2021</b> , 2021, 9536054	3	2

89	Pharmacological activities of <i>Asclepias curassavica</i> L. (Apocynaceae) aerial parts. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 281, 114554	5	1
88	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> , <b>2021</b> , 21, 17	2.9	4
87	Evaluation of the neuropharmacological effects of Gardenin A in mice. <i>Drug Development Research</i> , <b>2020</b> , 81, 600-608	5.1	5
86	Enantioselective synthesis of tetrahydrocarbazoles via trienamine catalysis and their anxiolytic-like activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127063	2.9	5
85	Use of standardized units for a correct interpretation of IC50 values obtained from the inhibition of the DPPH radical by natural antioxidants. <i>Chemical Papers</i> , <b>2020</b> , 74, 3325-3334	1.9	7
84	FGF21 and its Relationship with Inflammatory and Metabolic Parameters in HIV Patients after Antiretroviral Treatment. <i>Current HIV Research</i> , <b>2020</b> , 18, 308-314	1.3	1
83	Credibility of In Situ Phytoremediation for Restoration of Disturbed Environments <b>2020</b> , 233-256		1
82	Phytoremediation Technology: Sustainable Solution for Cleaning Up of Recalcitrant Pollutants from Disturbed Environs <b>2020</b> , 245-268		2
81	Anti-inflammatory and antinociceptive effects of an ethanol extract from <i>Senna septemtrionalis</i> . <i>Inflammopharmacology</i> , <b>2020</b> , 28, 541-549	5.1	5
80	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> , <b>2020</b> , 74, 1429-1438	1.9	0
79	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> , <b>2020</b> , 28, 749-757	5.1	0
78	Toxicological Screening of Four Bioactive Citroflavonoids: In Vitro, In Vivo, and In Silico Approaches. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
77	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> , <b>2019</b> , 239, 111923 <sup>5</sup>		7
76	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> , <b>2019</b> , 28, 473-484	2.2	4
75	Pharmacological Control of Complications Following to Third Molar Removal: Evidence Based on A Meta-Analysis. <i>Drug Research</i> , <b>2019</b> , 69, 5-11	1.8	5
74	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> , <b>2019</b> , 73, 2767-2781	1.9	1
73	Association of the 3U <sub>T</sub> R polymorphism (rs11665896) in the FGF21 gene with metabolic status and nutrient intake in children with obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2019</b> , 32, 921-928	1.6	2
72	Antidiarrheal, vasorelaxant, and neuropharmacological actions of the diterpene tilifodiolide. <i>Drug Development Research</i> , <b>2019</b> , 80, 981-991	5.1	2

71	Anti-inflammatory and diuretic effects of the diterpene ent-dihydrotucumanoic acid. <i>Drug Development Research</i> , <b>2019</b> , 80, 800-806	5.1	1
70	Neuropharmacological effects of d-pinitol and its possible mechanisms of action. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e13070	3.3	4
69	The endemic orchids of Mexico: a review. <i>Biologia (Poland)</i> , <b>2019</b> , 74, 1-13	1.5	14
68	Self-treatment with herbal products for weight-loss among overweight and obese subjects from central Mexico. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 234, 21-26	5	11
67	Assessment of the antinociceptive and ulcerogenic activity of the tapentadol-diclofenac combination in rodents. <i>Drug Development Research</i> , <b>2018</b> , 79, 38-44	5.1	3
66	Self-medication practice in pregnant women from central Mexico. <i>Saudi Pharmaceutical Journal</i> , <b>2018</b> , 26, 886-890	4.4	7
65	Chemical characterization, pharmacological effects, and toxicity of an ethanol extract of <i>Celtis pallida</i> Torr. (Cannabaceae) aerial parts. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 219, 126-132	5	2
64	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> , <b>2018</b> , 17, 142-149	0.9	6
63	Anti-inflammatory and antinociceptive effects of tilifodiolide, isolated from <i>Salvia tiliifolia</i> Vahl (Lamiaceae). <i>Drug Development Research</i> , <b>2018</b> , 79, 165-172	5.1	9
62	Protecting-Group-Free Total Synthesis and Biological Evaluation of 3-Methylkealiquinone and Structural Analogues. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 10627-10635	4.2	13
61	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> , <b>2018</b> , 224, 314-322	5	10
60	In Situ Formed IIII-Based Reagent for the Electrophilic ortho-Chlorination of Phenols and Phenol Ethers: The Use of PIFA-AlCl <sub>3</sub> System. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 485-493	3.2	21
59	Antinociceptive, anti-inflammatory, and central nervous system (CNS) effects of the natural coumarin soulattrolide. <i>Drug Development Research</i> , <b>2018</b> , 79, 332-338	5.1	4
58	Participation of ATP-sensitive K <sup>+</sup> channels and $\mu$ 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> , <b>2018</b> , 79, 400-405	5.1	5
57	Total synthesis of kealiquinone: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazolone core.. <i>RSC Advances</i> , <b>2018</b> , 8, 30761-30776	3.7	8
56	Validated and rapid measurement of the ferric reducing antioxidant power in plasma samples. <i>Chemical Papers</i> , <b>2018</b> , 72, 2561-2574	1.9	4
55	Synthesis and evaluation of antinociceptive and anti-inflammatory effects of nitro-porphyrins. <i>Medicinal Chemistry Research</i> , <b>2018</b> , 27, 1782-1791	2.2	
54	Practical, mild and efficient electrophilic bromination of phenols by a new I(III)-based reagent: the PIDA-AlBr system.. <i>RSC Advances</i> , <b>2018</b> , 8, 17806-17812	3.7	21

53	Terpenes of the Genus <i>Salvia</i> : Cytotoxicity and Antitumoral Effects <b>2018</b> , 163-205		2
52	Physiological and biochemical response of plants to engineered NMs: Implications on future design. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 110, 226-235	5.4	57
51	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> , <b>2017</b> , 207, 30-33	5	4
50	Cytotoxic activity of the chloroform extract and four diterpenes isolated from <i>Salvia ballotiflora</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2017</b> , 27, 302-305	2	15
49	Pharmacological evaluation of 2-angeloyl ent-dihydrotucumanoic acid. <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 873-879	3.8	2
48	Use of medicinal plants by health professionals in Mexico. <i>Journal of Ethnopharmacology</i> , <b>2017</b> , 198, 81-86	5	34
47	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> , <b>2017</b> , 78, 63-70	5.1	7
46	Hydrocortisone release from tablets based on bioresorbable poly(ether-ester-urethane)s. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 53,	1.8	2
45	Antinociceptive Activity of Ent-Dihydrotucumanoic Acid Isolated from <i>Gymnosperma glutinosum</i> Spreng Less. <i>Drug Development Research</i> , <b>2017</b> , 78, 340-348	5.1	8
44	Synergism between Naproxen and Rutin in a Mouse Model of Visceral Pain. <i>Drug Development Research</i> , <b>2017</b> , 78, 184-188	5.1	5
43	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> , <b>2017</b> , 2017, 9439868 <sup>23</sup>	2.3	12
42	Pharmacological effects and toxicity of <i>Costus pulverulentus</i> C. Presl (Costaceae). <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 180, 124-30	5	13
41	Medicinal Plants from Mexico, Central America, and the Caribbean Used as Immunostimulants. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 4017676	2.3	9
40	Isobolographic Analysis of the Interaction Between Tapentadol and Ketorolac in a Mouse Model of Visceral Pain. <i>Drug Development Research</i> , <b>2016</b> , 77, 187-91	5.1	5
39	Antinociceptive Activity of an Ethanol Extract of <i>Justicia spicigera</i> . <i>Drug Development Research</i> , <b>2016</b> , 77, 180-6	5.1	14
38	Immunization with Human Papillomavirus 16 L1+E2 Chimeric Capsomers Elicits Cellular Immune Response and Antitumor Activity in a Mouse Model. <i>Viral Immunology</i> , <b>2016</b> , 29, 276-87	1.7	1
37	Synthesis, antinociceptive and anti-inflammatory effects of porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2529-37	3.4	7
36	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> , <b>2015</b> , 175, 335-45	5	31

35	Antinociceptive and anti-arthritic effects of kramecyne. <i>Life Sciences</i> , <b>2015</b> , 121, 70-7	6.8	5
34	Toxicity and antinociceptive effects of <i>Hamelia patens</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2015</b> , 25, 170-176	2	8
33	Mexican Traditional Medicine: Traditions of Yesterday and Phytomedicines of Tomorrow <b>2015</b> , 1-37		3
32	Effects of kramecyne on LPS induced chronic inflammation and gastric ulcers. <i>Drug Development Research</i> , <b>2015</b> , 76, 185-93	5.1	3
31	<i>Ibervillea sonorae</i> (Cucurbitaceae) induces the glucose uptake in human adipocytes by activating a PI3K-independent pathway. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 152, 546-52	5	17
30	Use of medicinal fauna in Mexican traditional medicine. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 152, 53-70	5	29
29	SerpinA3g participates in the antiadipogenesis and insulin-resistance induced by tumor necrosis factor- $\alpha$ in 3T3-F442A cells. <i>Cytokine</i> , <b>2014</b> , 69, 180-8	4	6
28	<i>Magnolia dealbata</i> seeds extract exert cytotoxic and chemopreventive effects on MDA-MB231 breast cancer cells. <i>Pharmaceutical Biology</i> , <b>2014</b> , 52, 621-7	3.8	9
27	Removal and accumulation of As, Cd and Cr by <i>Typha latifolia</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2013</b> , 90, 650-3	2.7	8
26	Rutin exerts antitumor effects on nude mice bearing SW480 tumor. <i>Archives of Medical Research</i> , <b>2013</b> , 44, 346-51	6.6	80
25	Kaempferitrin induces immunostimulatory effects in vitro. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 337-40	5	28
24	Biological effects of aqueous extract from Turkey vulture <i>Cathartes aura</i> (Cathartidae) meat. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 145, 663-6	5	10
23	Maturin acetate from <i>Psacalium peltatum</i> (Kunth) Cass. (Asteraceae) induces immunostimulatory effects in vitro and in vivo. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1001-6	3.6	3
22	Kaempferitrin induces apoptosis via intrinsic pathway in HeLa cells and exerts antitumor effects. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 145, 476-89	5	38
21	Ethnobotany of medicinal plants used in Xalpatlahuac, Guerrero, México. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 521-7	5	61
20	Isoorientin reverts TNF- $\alpha$ induced insulin resistance in adipocytes activating the insulin signaling pathway. <i>Endocrinology</i> , <b>2012</b> , 153, 5222-30	4.8	30
19	Antitumor effect of <i>Croton lechleri</i> Mull. Arg. (Euphorbiaceae). <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 140, 438-42	5	32
18	Antitumor and immunomodulatory effects of <i>Justicia spicigera</i> Schltld (Acanthaceae). <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 141, 888-94	5	36

17	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> , <b>2012</b> , 142, 857-64	5	11
16	Medicinal plants used in the Huasteca Potosina, Mico. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 292-8	5	56
15	Antidiabetic effects of <i>Justicia spicigera</i> Schltdl (Acanthaceae). <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 455-62	5	25
14	Folk medicinal use of fauna in Mapimi, Durango, Mico. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 133, 902-6	5	30
13	Mexican medicinal plants used for cancer treatment: pharmacological, phytochemical and ethnobotanical studies. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 133, 945-72	5	172
12	Zootherapeutic practices in Aquism, San Luis Potos Mico. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 138, 233-7	5	18
11	Antimicrobial Activity and Cytotoxic Effects of <i>Magnolia dealbata</i> and its Active Compounds. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1934578X1100600	0.9	4
10	Antimicrobial and Cytotoxic Effects of Mexican Medicinal Plants. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1934578X1100601	0.9	6
9	<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> , <b>2011</b> , 18, 926-33	6.5	49
8	Antimicrobial activity and cytotoxic effects of <i>Magnolia dealbata</i> and its active compounds. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1121-4	0.9	18
7	Antimicrobial and cytotoxic effects of Mexican medicinal plants. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1925-8	0.9	16
6	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> , <b>2010</b> , 127, 1-6	5	30
5	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> , <b>2009</b> , 57, 688-96	3.2	19
4	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> , <b>2008</b> , 118, 252-6	5	48
3	<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> , <b>2008</b> , 120, 458-64	5	71
2	Accumulation and Distribution of Heavy Metals in <i>Scirpus americanus</i> and <i>Typha latifolia</i> from an Artificial Lagoon in San Luis Potos Mico. <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 188, 297-309	2.6	73
1	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> , <b>2008</b> , 1	2.3	1