

Mario I Ortiz

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

1,964
citations

293460

24
h-index

312153

41
g-index

109
all docs

109
docs citations

109
times ranked

2107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Citral inhibits the nociception in the rat formalin test: effect of metformin and blockers of opioid receptor and the NO-cGMP-K ⁺ channel pathway. Canadian Journal of Physiology and Pharmacology, 2022, 100, 306-313. | 0.7 | 4 |
| 2 | Prevalencia de miopía, hipermetropía y astigmatismo en México: Una revisión sistemática. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 202-210. | 0.0 | 0 |
| 3 | Infecciones del tracto urinario en mujeres embarazadas mexicanas: una revisión sistemática. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 266-274. | 0.0 | 0 |
| 4 | Mobbing en profesionales de la salud. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 244-250. | 0.0 | 0 |
| 5 | Mecanismos de acción y efectos fetales adversos del contagio por virus del zika, virus del dengue, virus del herpes simple y virus del papiloma humano durante el embarazo. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 211-222. | 0.0 | 0 |
| 6 | ¿Cómo cuidar mi salud visual? Prevención de la miopía. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 197-201. | 0.0 | 0 |
| 7 | Tromboembolia Pulmonar. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2022, 10, 181-187. | 0.0 | 1 |
| 8 | Self-Medication Practice in Mexico. , 2022, 37, 266-283. | | 1 |
| 9 | In vitro effects of citral on the human myometrium: Potential adjunct therapy to prevent preterm births. Birth Defects Research, 2021, 113, 613-622. | 0.8 | 4 |
| 10 | Management of procedural pain in children. Current Pediatric Reviews, 2021, 17, . | 0.4 | 0 |
| 11 | Fisioterapia en parálisis cerebral infantil discínica de tipo distónica: Estudio de un caso. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2021, 9, 1-5. | 0.0 | 0 |
| 12 | Role of the NO-cGMP-K ⁺ channels pathway in the peripheral antinociception induced by \pm -bisabolol. Canadian Journal of Physiology and Pharmacology, 2021, 99, 1048-1056. | 0.7 | 3 |
| 13 | Eficacia de la espironolactona en el tratamiento del acné vulgar. Una revisión sistemática. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2021, 10, 214-222. | 0.0 | 0 |
| 14 | Two thalidomide analogs induce persistent estrous behavior and inhibit uterus contractility in rats: The central role of cAMP. Neuroscience Letters, 2020, 714, 134612. | 1.0 | 0 |
| 15 | Participation of the opioid receptor- α -nitric oxide- α -cGMP- α -K ⁺ channel pathway in the peripheral antinociceptive effect of nalbuphine and buprenorphine in rats. Canadian Journal of Physiology and Pharmacology, 2020, 98, 753-762. | 0.7 | 7 |
| 16 | Efectos biológicos y uso herbolario del género Croton. Revisión sistemática. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2020, 8, 194-200. | 0.0 | 0 |
| 17 | La pandemia producida por el virus SARS-CoV-2. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2020, 9, 101-106. | 0.0 | 0 |
| 18 | Tocolytic Effect of the Monoterpenic Phenol Isomer, Carvacrol, on the Pregnant Rat Uterus. Chinese Journal of Physiology, 2020, 63, 204-210. | 0.4 | 5 |

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|----|---|-----|-----------|
| 19 | Virtual Reality and Psychedelics for the Treatment of Psychiatric Disease: A Systematic Literature Review.. , 2020, 17, 365-380. | | 4 |
| 20 | In search of safe pain relief: The analgesic and anti-inflammatory activity of phytosteryl ibuprofenates. Steroids, 2019, 149, 108420. | 0.8 | 3 |
| 21 | The antihyperalgesic effect of docosahexaenoic acid in streptozotocin-induced neuropathic pain in the rat involves the opioidergic system. European Journal of Pharmacology, 2019, 845, 32-39. | 1.7 | 8 |
| 22 | Colorectal Cancer: Causes and Evidence of Chemopreventive Treatments. Current Pharmaceutical Biotechnology, 2019, 19, 1135-1155. | 0.9 | 15 |
| 23 | Preterm Birth, Inflammation and Infection: New Alternative Strategies for their Prevention. Current Pharmaceutical Biotechnology, 2019, 20, 354-365. | 0.9 | 17 |
| 24 | Self-Medication in Mexican Pediatric Patients. Iranian Journal of Public Health, 2019, 48, 2293-2295. | 0.3 | 1 |
| 25 | Pharmacological interaction of α -bisabolol and diclofenac on nociception, inflammation, and gastric integrity in rats. Drug Development Research, 2018, 79, 29-37. | 1.4 | 18 |
| 26 | In Vitro Bioaccessibility and Effect of Mangifera indica (Ataulfo) Leaf Extract on Induced Dyslipidemia. Journal of Medicinal Food, 2018, 21, 47-56. | 0.8 | 12 |
| 27 | Synergistic interaction between docosahexaenoic acid and diclofenac on inflammation, nociception, and gastric security models in rats. Drug Development Research, 2018, 79, 239-246. | 1.4 | 8 |
| 28 | Anti-inflammatory and utero-relaxant effect of α -bisabolol on the pregnant human uterus. Korean Journal of Physiology and Pharmacology, 2018, 22, 391. | 0.6 | 12 |
| 29 | Synergistic Interaction of <i>Matricaria Chamomilla</i> Extract with Diclofenac and Indomethacin on Carrageenan-Induced Paw Inflammation in Rats. Drug Development Research, 2017, 78, 360-367. | 1.4 | 21 |
| 30 | Supra-Additive Interaction of Docosahexaenoic Acid and Naproxen and Gastric Safety on the Formalin Test in Rats. Drug Development Research, 2017, 78, 332-339. | 1.4 | 8 |
| 31 | Synergistic interaction between diclofenac and pyrilamine on nociception, inflammation, and gastric damage in rats. Canadian Journal of Physiology and Pharmacology, 2017, 95, 51-58. | 0.7 | 12 |
| 32 | Relaxant and anti-inflammatory effect of two thalidomide analogs as PDE-4 inhibitors in pregnant rat uterus. Korean Journal of Physiology and Pharmacology, 2017, 21, 429. | 0.6 | 9 |
| 33 | Inhibition of Uterine Contractility by Thalidomide Analogs via Phosphodiesterase-4 Inhibition and Calcium Entry Blockade. Molecules, 2016, 21, 1332. | 1.7 | 12 |
| 34 | Participation of potassium channels in the antinociceptive effect of docosahexaenoic acid in the rat formalin test. European Journal of Pharmacology, 2016, 793, 95-100. | 1.7 | 11 |
| 35 | Isolation, identification and molecular docking as cyclooxygenase (COX) inhibitors of the main constituents of <i>Matricaria chamomilla</i> L. extract and its synergistic interaction with diclofenac on nociception and gastric damage in rats. Biomedicine and Pharmacotherapy, 2016, 78, 248-256. | 2.5 | 36 |
| 36 | Nurses™ and Nursing Students™ Knowledge and Attitudes regarding Pediatric Pain. Nursing Research and Practice, 2015, 2015, 1-8. | 0.4 | 29 |

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|----|---|-----|-----------|
| 37 | Use of the Broselow Tape in a Mexican Emergency Department. <i>Journal of Emergency Medicine</i> , 2015, 48, 660-666. | 0.3 | 19 |
| 38 | Effect of a physiotherapy program in women with primary dysmenorrhea. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015, 194, 24-29. | 0.5 | 52 |
| 39 | Antinociceptive and anti-inflammatory activities of <i>Geranium bellum</i> and its isolated compounds. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 506. | 3.7 | 25 |
| 40 | Synergistic effect of the interaction between curcumin and diclofenac on the formalin test in rats. <i>Phytomedicine</i> , 2014, 21, 1543-1548. | 2.3 | 34 |
| 41 | Immunomodulatory effects by oral contraceptives in normal and cholestatic female rats: Role of cytokines. <i>International Immunopharmacology</i> , 2014, 21, 10-19. | 1.7 | 7 |
| 42 | Pelvic packing with vaginal traction for the management of intractable hemorrhage. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 127, 21-24. | 1.0 | 6 |
| 43 | Analgesic effect of gabapentin on post-operative pain after arthroscopic anterior cruciate ligament reconstruction. <i>Archives of Bone and Joint Surgery</i> , 2014, 2, 82-3. | 0.1 | 0 |
| 44 | Procedural pain and anxiety in pediatric patients in a Mexican dental clinic. <i>Oral Health and Dental Management</i> , 2014, 13, 495-501. | 0.7 | 7 |
| 45 | Synergistic Interaction between Metformin and Sulfonylureas on Diclofenac-Induced Antinociception Measured Using the Formalin Test in Rats. <i>Pain Research and Management</i> , 2013, 18, 253-258. | 0.7 | 9 |
| 46 | Comparison of Analgesic Effect between Gabapentin and Diclofenac on Post-Operative Pain in Patients Undergoing Tonsillectomy. <i>Archives of Trauma Research</i> , 2013, 2, 138-9. | 0.9 | 1 |
| 47 | Concussion associated with head trauma in athletes. <i>Medwave</i> , 2013, 13, e5617-e5617. | 0.2 | 2 |
| 48 | Analgesic Drugs Combinations in the Treatment of Different Types of Pain. <i>Pain Research and Treatment</i> , 2012, 2012, 1-2. | 1.7 | 13 |
| 49 | Effect of Diclofenac with B Vitamins on the Treatment of Acute Pain Originated by Lower-Limb Fracture and Surgery. <i>Pain Research and Treatment</i> , 2012, 2012, 1-5. | 1.7 | 33 |
| 50 | Metformin and phenformin block the peripheral antinociception induced by diclofenac and indomethacin on the formalin test. <i>Life Sciences</i> , 2012, 90, 8-12. | 2.0 | 14 |
| 51 | Semi-mechanistic Modeling of the Interaction Between the Central and Peripheral Effects in the Antinociceptive Response to Lumiracoxib in Rats. <i>AAPS Journal</i> , 2012, 14, 904-914. | 2.2 | 3 |
| 52 | Evidence for the Participation of ATP-sensitive Potassium Channels in the Antinociceptive Effect of Curcumin. <i>Korean Journal of Pain</i> , 2012, 25, 221-227. | 0.8 | 28 |
| 53 | Procedural pain and anxiety in paediatric patients in a Mexican emergency department. <i>Journal of Advanced Nursing</i> , 2012, 68, 2700-2709. | 1.5 | 33 |
| 54 | Role of ATP-sensitive K ⁺ channels in the antinociception induced by non-steroidal anti-inflammatory drugs in streptozotocin-diabetic and non-diabetic rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 163-169. | 1.3 | 23 |

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|----|---|-----|-----------|
| 55 | Fetal fibronectin as a predictor of labor in Mexican women. <i>Medwave</i> , 2012, 12, e5347-e5347. | 0.2 | 1 |
| 56 | Procedural pain and anxiety in pediatric patients - do we have everything under control or never had?. <i>Medwave</i> , 2012, 12, e5283-e5283. | 0.2 | 0 |
| 57 | Brain empyema due to <i>Escherichia coli</i> in a 5 month-old infant: a case report and literature review. <i>Medwave</i> , 2012, 12, e5555-e5555. | 0.2 | 0 |
| 58 | Synergistic relaxing effect of the paracetamol and pyrillamine combination in isolated human myometrium. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 157, 22-26. | 0.5 | 6 |
| 59 | Blockade of the antinociception induced by diclofenac, but not of indomethacin, by sulfonylureas and biguanides. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 1-6. | 1.3 | 23 |
| 60 | Peripheral Synergistic Interaction Between Lidocaine and Lumiracoxib on the 1% Formalin Test in Rats. <i>Open Pain Journal</i> , 2011, 4, 8-14. | 0.4 | 1 |
| 61 | The combination of naproxen and citral reduces nociception and gastric damage in rats. <i>Archives of Pharmacal Research</i> , 2010, 33, 1691-1697. | 2.7 | 24 |
| 62 | Synergistic effect of the interaction between naproxen and citral on inflammation in rats. <i>Phytomedicine</i> , 2010, 18, 74-79. | 2.3 | 52 |
| 63 | Pharmacokinetic and pharmacodynamic modelling of the analgesic effects of lumiracoxib, a selective inhibitor of cyclooxygenase-2, in rats. <i>British Journal of Pharmacology</i> , 2010, 159, 176-187. | 2.7 | 9 |
| 64 | Spasmolytic and anti-inflammatory effects of <i>Aloysia triphylla</i> and citral, in vitro and in vivo studies. <i>Journal of Smooth Muscle Research</i> , 2010, 46, 309-319. | 0.7 | 26 |
| 65 | Antinociceptive, genotoxic and histopathological study of <i>Heliopsis longipes</i> S.F. Blake in mice. <i>Journal of Ethnopharmacology</i> , 2010, 130, 216-221. | 2.0 | 27 |
| 66 | Primary dysmenorrhea among Mexican university students: prevalence, impact and treatment. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 152, 73-77. | 0.5 | 111 |
| 67 | Acemetacin antinociceptive mechanism is not related to NO or K ⁺ channel pathways. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2010, 32, 101. | 0.8 | 6 |
| 68 | Treatment of acute myelogenous leukemia in a Mexican pediatric hospital. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 37-8. | 0.1 | 0 |
| 69 | Prevalence and treatment of persistent pulmonary hypertension in the newborn in a Mexican pediatric hospital. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 39-41. | 0.1 | 0 |
| 70 | Medication use during hemodialysis in children with end-stage renal disease in a Mexican pediatric hospital. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 42-3. | 0.1 | 0 |
| 71 | Pharmacovigilance of psychoactive medications in a Mexican psychiatric hospital. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 44-5. | 0.1 | 1 |
| 72 | Effectiveness of diclofenac, ketorolac and etoricoxib in the treatment of acute pain from ankle fracture. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 46-8. | 0.1 | 4 |

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|----|---|-----|-----------|
| 73 | Pharmacological interaction between gabapentin and glibenclamide in the formalin test in the diabetic rat. <i>Proceedings of the Western Pharmacology Society</i> , 2010, 53, 49-51. | 0.1 | 4 |
| 74 | Pharmacokinetic of Diclofenac in the Presence and Absence of Glibenclamide in the Rat. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2009, 12, 280. | 0.9 | 21 |
| 75 | Structure-Activity Relationships of Aromadendranes in Uterus- Relaxant Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 840-846. | 0.6 | 14 |
| 76 | Interaction between <i>Heliopsis longipes</i> extract and diclofenac on the thermal hyperalgesia test. <i>Phytomedicine</i> , 2009, 16, 336-341. | 2.3 | 28 |
| 77 | Prevalence and impact of primary dysmenorrhea among Mexican high school students. <i>International Journal of Gynecology and Obstetrics</i> , 2009, 107, 240-243. | 1.0 | 103 |
| 78 | Comparison of the efficacy and safety of a novel meloxicam ophthalmic formulation with a reference diclofenac solution in cataract surgery. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2009, 47, 89-95. | 0.3 | 5 |
| 79 | Drug utilization in intensive care units in a pediatric hospital. <i>Proceedings of the Western Pharmacology Society</i> , 2009, 52, 24-5. | 0.1 | 0 |
| 80 | Antihyperalgesia induced by <i>Heliopsis longipes</i> extract. <i>Proceedings of the Western Pharmacology Society</i> , 2009, 52, 75-7. | 0.1 | 4 |
| 81 | Examination of the interaction between peripheral lumiracoxib and opioids on the 1% formalin test in rats. <i>European Journal of Pain</i> , 2008, 12, 233-241. | 1.4 | 29 |
| 82 | Lack of effects of acetaminophen on signalling pathways for leukocyte adherence may explain its gastrointestinal safety. <i>British Journal of Pharmacology</i> , 2008, 155, 857-864. | 2.7 | 16 |
| 83 | Additive interaction between peripheral and central mechanisms involved in the antinociceptive effect of diclofenac in the formalin test in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 91, 32-37. | 1.3 | 32 |
| 84 | Pharmacokinetics and Pharmacodynamics of diclofenac in the presence and absence of glibenclamide in the rat. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008, 11, 68. | 0.9 | 17 |
| 85 | A pilot study of the effect of diclofenac with B vitamins for the treatment of acute pain following lower-limb fracture and surgery. <i>Proceedings of the Western Pharmacology Society</i> , 2008, 51, 70-2. | 0.1 | 3 |
| 86 | Persistent pulmonary hypertension in the newborn: therapeutic effect of sildenafil. <i>Proceedings of the Western Pharmacology Society</i> , 2008, 51, 73-7. | 0.1 | 3 |
| 87 | Comparison of the Stability, Efficacy, and Adverse Effect Profile of the Innovator 0.005% Latanoprost Ophthalmic Solution and a Novel Cyclodextrin-containing Formulation. <i>Journal of Clinical Pharmacology</i> , 2007, 47, 121-126. | 1.0 | 17 |
| 88 | Evaluation of the interaction between acetaminophen and opioids on the hargreaves model of thermal hyperalgesia. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 88, 47-54. | 1.3 | 18 |
| 89 | The peripheral antinociceptive effect of nalbuphine is associated with activation of ATP-sensitive K ⁺ channels. <i>Proceedings of the Western Pharmacology Society</i> , 2007, 50, 72-4. | 0.1 | 2 |
| 90 | Patterns of prescription and self-medication for treating primary dysmenorrhea in a Mexican population. <i>Proceedings of the Western Pharmacology Society</i> , 2007, 50, 165-7. | 0.1 | 6 |

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|-----|--|-----|-----------|
| 91 | Examination of the interaction between peripheral diclofenac and gabapentin on the 5% formalin test in rats. <i>Life Sciences</i> , 2006, 79, 2283-2287. | 2.0 | 34 |
| 92 | Possible activation of the NO-cyclic GMP-protein kinase G ⁺ K ⁺ channels pathway by gabapentin on the formalin test. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 420-427. | 1.3 | 51 |
| 93 | Pharmacological evidence for the activation of Ca ²⁺ -activated K ⁺ channels by meloxicam in the formalin test. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 725-731. | 1.3 | 26 |
| 94 | Probable activation of the opioid receptor-nitric oxide-cyclic GMP-K ⁺ channels pathway by codeine. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 695-703. | 1.3 | 30 |
| 95 | Pinacidil increases diclofenac antinociception in the formalin test. <i>Proceedings of the Western Pharmacology Society</i> , 2005, 48, 55-8. | 0.1 | 3 |
| 96 | Synergistic effects between codeine and diclofenac after local, spinal and systemic administration. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 463-471. | 1.3 | 43 |
| 97 | Possible involvement of potassium channels in peripheral antinociception induced by metamizol: lack of participation of ATP-sensitive K ⁺ channels. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 465-470. | 1.3 | 31 |
| 98 | The NO-cGMP-K ⁺ channel pathway participates in the antinociceptive effect of diclofenac, but not of indomethacin. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 187-195. | 1.3 | 218 |
| 99 | Synergistic effects between codeine and diclofenac after local, spinal and systemic administration. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 463-463. | 1.3 | 0 |
| 100 | Comparison of the antinociceptive effect of celecoxib, diclofenac and resveratrol in the formalin test. <i>Life Sciences</i> , 2002, 70, 1669-1676. | 2.0 | 75 |
| 101 | The peripheral antinociceptive effect of resveratrol is associated with activation of potassium channels. <i>Neuropharmacology</i> , 2002, 43, 917-923. | 2.0 | 87 |
| 102 | Pharmacological evidence for the activation of K ⁺ channels by diclofenac. <i>European Journal of Pharmacology</i> , 2002, 438, 85-91. | 1.7 | 99 |
| 103 | The atypical 5-HT ₂ receptor mediating tachycardia in pithed rats: pharmacological correlation with the 5-HT _{2A} receptor subtype. <i>British Journal of Pharmacology</i> , 2002, 135, 1531-1539. | 2.7 | 24 |
| 104 | Evidence for 5-HT _{1B/1D} and 5-HT _{2A} receptors mediating constriction of the canine internal carotid circulation. <i>British Journal of Pharmacology</i> , 2001, 132, 983-990. | 2.7 | 11 |
| 105 | Further pharmacological analysis of the orphan 5-HT receptors mediating feline vasodepressor responses: close resemblance to the 5-HT ₇ receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 361, 665-671. | 1.4 | 19 |
| 106 | Mediation of 5-HT-induced internal carotid vasodilatation in GR127935- and ritanserin-pretreated dogs by 5-HT ₇ receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 362, 169-176. | 1.4 | 21 |
| 107 | Liver cancer in Hidalgo State, Mexico: analysis of the status, risk factors and regional public health policy requirements: a cross-sectional correlational study. <i>Sao Paulo Medical Journal</i> , 0, , . | 0.4 | 0 |