

# Andreas Sebastian Loureiro Mendez

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

949  
citations

430442

18  
h-index

476904

29  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1426  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Immunocontent and secretion of S100B in astrocyte cultures from different brain regions in relation to morphology. <i>FEBS Letters</i> , 2000, 486, 203-207.   | 1.3 | 103       |
| 2  | Validation of HPLC and UV spectrophotometric methods for the determination of meropenem in pharmaceutical dosage form. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 947-954.   | 1.4 | 81        |
| 3  | Thermal and alkaline stability of meropenem: Degradation products and cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2008, 350, 95-102.   | 2.6 | 61        |
| 4  | Yerba mate ( <i>Ilex paraguariensis</i> St. Hill.)-based beverages: How successive extraction influences the extract composition and its capacity to chelate iron and scavenge free radicals. <i>Food Chemistry</i> , 2016, 209, 185-195.        | 4.2 | 48        |
| 5  | Stability and degradation kinetics of meropenem in powder for injection and reconstituted sample. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1363-1366.  | 1.4 | 42        |
| 6  | The influence of <i>Bauhinia forficata</i> Link subsp. <i>pruinosa</i> tea on lipid peroxidation and non-protein SH groups in human erythrocytes exposed to high glucose concentrations. <i>Journal of Ethnopharmacology</i> , 2013, 148, 81-87. | 2.0 | 39        |
| 7  | Digitonin-permeabilization of astrocytes in culture monitored by trypan blue exclusion and loss of S100B by ELISA. <i>Brain Research Protocols</i> , 2000, 6, 86-90.   | 1.7 | 38        |
| 8  | <i>Tribulus terrestris</i> Protects against Male Reproductive Damage Induced by Cyclophosphamide in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.  | 1.9 | 36        |
| 9  | Microbiological assay for the determination of meropenem in pharmaceutical dosage form. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 649-653.  | 1.4 | 34        |
| 10 | Effects of <i>Bauhinia forficata</i> Tea on Oxidative Stress and Liver Damage in Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.  | 1.9 | 34        |
| 11 | Antibacterial and antioxidant effects of <i>Rosmarinus officinalis</i> L. extract and its fractions. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 383-392.  | 1.5 | 28        |
| 12 | Chemical Composition and Hypotensive Effect of <i>Campomanesia xanthocarpa</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.  | 0.5 | 27        |
| 13 | Ketogenic diet fed rats have low levels of S100B in cerebrospinal fluid. <i>Neuroscience Research</i> , 2004, 50, 375-379.   | 1.0 | 26        |
| 14 | Evaluation of powder mixing operation during batch production: Application to operational qualification procedure in the pharmaceutical industry. <i>Powder Technology</i> , 2010, 198, 310-313.   | 2.1 | 25        |
| 15 | A versatile, stability-indicating and high-throughput ultra-fast liquid chromatography method for the determination of isoflavone aglycones in soybeans, topical formulations, and permeation assays. <i>Talanta</i> , 2015, 134, 183-193.       | 2.9 | 25        |
| 16 | HPLC method for simultaneous analysis of ticagrelor and its organic impurities and identification of two major photodegradation products. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 22-29.                                  | 1.9 | 21        |
| 17 | Stability-Indicating HPLC Method for Posaconazole Bulk Assay. <i>Scientia Pharmaceutica</i> , 2012, 80, 317-327.   | 0.7 | 20        |
| 18 | Chemical composition and <i>in vitro</i> antioxidant activity of hydro-ethanolic extracts from <i>Bauhinia forficata</i> subsp. <i>pruinosa</i> and <i>B. variegata</i> . <i>Acta Biologica Hungarica</i> , 2013, 64, 21-33.                     | 0.7 | 19        |

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|----|---|-----|-----------|
| 19 | Polyphenols composition from leaves of <i>Cuphea</i> spp. and inhibitor potential, in vitro, of angiotensin I-converting enzyme (ACE). <i>Journal of Ethnopharmacology</i> , 2020, 255, 112781.   | 2.0 | 19        |
| 20 | LC/ESI-MS method applied to characterization of flavonoids glycosides in <i>B. forficata</i> subsp. <i>pruinosa</i> . <i>Quimica Nova</i> , 2014, 37, .   | 0.3 | 18        |
| 21 | Effects of Red Wine Tannat on Oxidative Stress Induced by Glucose and Fructose in Erythrocytes in Vitro. <i>International Journal of Medical Sciences</i> , 2015, 12, 478-486.  | 1.1 | 15        |
| 22 | Blueberry ( <i>Vaccinium ashei</i> Reade) extract ameliorates ovarian damage induced by subchronic cadmium exposure in mice: Potential $\text{ALA}^{\text{D}}$ involvement. <i>Environmental Toxicology</i> , 2017, 32, 188-196.                      | 2.1 | 15        |
| 23 | Catechins are not major components responsible for the beneficial effect of <i>Camellia sinensis</i> on the ovarian $\text{ALA}^{\text{D}}$ activity inhibited by cadmium. <i>Food and Chemical Toxicology</i> , 2013, 55, 463-469.                   | 1.8 | 14        |
| 24 | Ecdysteroids in <i>Sida tuberculata</i> R.E. Fries (Malvaceae): Chemical composition by LC-ESI-MS and selective anti- <i>Candida krusei</i> activity. <i>Food Chemistry</i> , 2015, 182, 193-199.   | 4.2 | 14        |
| 25 | <i>Ilex paraguariensis</i> extracts extend the lifespan of <i>Drosophila melanogaster</i> fed a high-fat diet. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e6784.   | 0.7 | 12        |
| 26 | Extraction optimization and UHPLC method development for determination of the 20-hydroxyecdysone in <i>Sida tuberculata</i> leaves. <i>Steroids</i> , 2018, 132, 33-39.   | 0.8 | 11        |
| 27 | UPLC-MS for Identification of Quercetin Derivatives in <i>Cuphea glutinosa</i> Cham. & Schltdl (Lythraceae) and Evaluation of Antifungal Potential. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 586-594.                                       | 0.3 | 11        |
| 28 | Determination of the New Antiplatelet Agent Ticagrelor in Tablets by Stability-Indicating HPLC Method. <i>Current Pharmaceutical Analysis</i> , 2014, 10, 279-283.  | 0.3 | 11        |
| 29 | Ultrasound-assisted extraction optimization and validation of ultra-performance liquid chromatographic method for the quantification of miquelianin in <i>Cuphea glutinosa</i> leaves. <i>Talanta</i> , 2020, 216, 120988.                            | 2.9 | 10        |
| 30 | Stability in clinical use and stress testing of meropenem antibiotic by direct infusion ESI-Q-TOF: Quantitative method and identification of degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112973.      | 1.4 | 9         |
| 31 | UV derivative spectrophotometric method for determination of estradiol valerate in tablets. <i>Quimica Nova</i> , 2010, 33, 981-983.  | 0.3 | 8         |
| 32 | Stability and degradation products of imipenem applying high-resolution mass spectrometry: An analytical study focused on solutions for infusion. <i>Biomedical Chromatography</i> , 2019, 33, e4471.   | 0.8 | 8         |
| 33 | <i>Sida tuberculata</i> extract reduces the nociceptive response by chemical noxious stimuli in mice: Implications for mechanism of action, relation to chemical composition and molecular docking. <i>Phytotherapy Research</i> , 2019, 33, 224-233. | 2.8 | 8         |
| 34 | Alkaloids in <i>Erythrina</i> by UPLC-ESI-MS and <i>In Vivo</i> Hypotensive Potential of Extractive Preparations. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.  | 0.5 | 7         |
| 35 | Characterization of the antibiotic doripenem using physicochemical methods: chromatography, spectrophotometry, spectroscopy and thermal analysis. <i>Quimica Nova</i> , 2011, 34, 1634-1638.  | 0.3 | 5         |
| 36 | Bioassay Applied to Quantitative Determination of Doripenem in Powder for Injection – Method Validation and Degradation Kinetics Study. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 244-251.  | 0.3 | 5         |

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|----|--|-----|-----------|
| 37 | Stability-indicating RP-HPLC method for analysis of the antibiotic doripenem in pharmaceutical formulationâ€™ comparison to UV spectrophotometry and microbiological assay. <i>Acta Chromatographica</i> , 2012, 24, 367-382.        | 0.7 | 4         |
| 38 | Stability of doripenem in reconstituted solution â€™ thermal and oxidative decomposition kinetics and degradation products by LCâ€™MS. <i>Biomedical Chromatography</i> , 2017, 31, e3940.   | 0.8 | 4         |
| 39 | Microbial transformation of ambrisentan to its glycosides by <i>Cunninghamella elegans</i> . <i>Biomedical Chromatography</i> , 2019, 33, e4496.   | 0.8 | 4         |
| 40 | Polyphenolic Composition and <i>in Vitro</i> Antihypertensive and Anti-inflammatory Effects of <i>Cuphea lindmaniana</i> and <i>Cuphea urbaniana</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100041.                       | 1.0 | 4         |
| 41 | Studies on Paliperidone in OROS Tablets: Extraction Procedure and Chromatographic Analysis. <i>ISRN Chromatography</i> , 2012, 2012, 1-9.  | 0.6 | 4         |
| 42 | Quantitative Determination of Paliperidone in OROS&sup&gt;â€™&sup&gt; Tablets by Derivative Spectrophotometric Method â€™ Application in Extraction and Comparison to HPLC. <i>Current Analytical Chemistry</i> , 2013, 10, 158-165. | 0.6 | 3         |
| 43 | <i>Sida tuberculata</i> (Malvaceae): a study based on development of extractive system and <i>in silico</i> and <i>in vitro</i> properties. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, .                | 0.7 | 3         |
| 44 | Assaying the Antiplatelet Ticagrelor by Validated UV Spectrophotometric Method with Performance Equivalent to HPLC. <i>Current Pharmaceutical Analysis</i> , 2017, 13, .   | 0.3 | 3         |
| 45 | Fragmentation of Cannabinoids by Flow Injection Analysis Tandem Mass Spectrometry (FIAâ€™MS/MS). <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 915-927.  | 0.7 | 3         |
| 46 | <i>Cuphea</i> spp.: antichemotactic study for a potential anti-inflammatory drug. <i>Natural Product Research</i> , 2021, 35, 6058-6061.   | 1.0 | 2         |
| 47 | Analytical Study of the Antifungal Posaconazole in Raw Material: Quantitative Bioassay, Decomposition Chemical Kinetics, and Degradation Impurities by LC-QTOF-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 1055-1064.      | 0.7 | 2         |
| 48 | <i>Sida tuberculata</i> : <i>In vitro</i> cytotoxicity and <i>in vivo</i> anti-inflammatory effect. <i>Journal of Ethnopharmacology</i> , 2022, 287, 114956.   | 2.0 | 2         |
| 49 | Fast and reliable profiling of cannabinoids in seized samples using the method of HPLCâ€™DAD followed by chemometrics. <i>Forensic Toxicology</i> , 0, , 1.  | 1.4 | 2         |
| 50 | Stability, degradation impurities and decomposition kinetics for paliperidone from osmotic tablets. <i>Biomedical Chromatography</i> , 2018, 32, e4348.  | 0.8 | 1         |
| 51 | Stability study of doripenem antibiotic applying LC-ESI-Q-TOF method and <i>in silico</i> prediction: An analytical investigation focused on degradation products. <i>Microchemical Journal</i> , 2021, 166, 106230.                 | 2.3 | 1         |