

Carmen Lucia Cardoso

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

887
citations

471509
17
h-index

501196
28
g-index

50
all docs

50
docs citations

50
times ranked

1215
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Determination of the relative contribution of phenolic antioxidants in orange juice by voltammetric methods. <i>Journal of Food Composition and Analysis</i> , 2004, 17, 619-633. | 3.9 | 125 |
| 2 | Acetylcholinesterase capillary enzyme reactor for screening and characterization of selective inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 44-52. | 2.8 | 56 |
| 3 | Acetylcholinesterase Immobilized Capillary Reactors—Tandem Mass Spectrometry: An On-Flow Tool for Ligand Screening. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2038-2044. | 6.4 | 49 |
| 4 | Novel Triazole-Quinoline Derivatives as Selective Dual Binding Site Acetylcholinesterase Inhibitors. <i>Molecules</i> , 2016, 21, 193. | 3.8 | 48 |
| 5 | Acetylcholinesterase immobilized capillary reactors coupled to protein coated magnetic beads: A new tool for plant extract ligand screening. <i>Talanta</i> , 2013, 116, 647-652. | 5.5 | 47 |
| 6 | Indole Glucoalkaloids from <i>Chimarrhis turbinata</i> and Their Evaluation as Antioxidant Agents and Acetylcholinesterase Inhibitors. <i>Journal of Natural Products</i> , 2004, 67, 1882-1885. | 3.0 | 41 |
| 7 | Development and characterization of an immobilized enzyme reactor (IMER) based on human glyceraldehyde-3-phosphate dehydrogenase for on-line enzymatic studies. <i>Journal of Chromatography A</i> , 2006, 1120, 151-157. | 3.7 | 36 |
| 8 | Botryane terpenoids produced by <i>Nemania bipapillata</i> , an endophytic fungus isolated from red alga <i>Asparagopsis taxiformis</i> - Falkenbergia stage. <i>Scientific Reports</i> , 2019, 9, 12318. | 3.3 | 33 |
| 9 | New trends in LC protein ligand screening. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 155-166. | 2.8 | 32 |
| 10 | Turbinatine, a Potential Key Intermediate in the Biosynthesis of Corynanthean-Type Indole Alkaloids. <i>Journal of Natural Products</i> , 2003, 66, 1017-1021. | 3.0 | 25 |
| 11 | Capillary bioreactors based on human purine nucleoside phosphorylase: A new approach for ligands identification and characterization. <i>Journal of Chromatography A</i> , 2012, 1232, 110-115. | 3.7 | 24 |
| 12 | Solid-Supported Proteins in the Liquid Chromatography Domain to Probe Ligand-Target Interactions. <i>Frontiers in Chemistry</i> , 2019, 7, 752. | 3.6 | 24 |
| 13 | The development of an immobilized enzyme reactor containing glyceraldehyde-3-phosphate dehydrogenase from <i>Trypanosoma cruzi</i> : the effect of species' specific differences on the immobilization. <i>Analyst</i> , 2008, 133, 93-99. | 3.5 | 23 |
| 14 | Immobilized purine nucleoside phosphorylase from <i>Schistosoma mansoni</i> for specific inhibition studies. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4871-4878. | 3.7 | 23 |
| 15 | Targeting Anti-Cancer Active Compounds: Affinity-Based Chromatographic Assays. <i>Current Pharmaceutical Design</i> , 2016, 22, 5976-5987. | 1.9 | 21 |
| 16 | Copper (II) and zinc (II) complexes with flavanone derivatives: Identification of potential cholinesterase inhibitors by on-flow assays. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 141-149. | 3.5 | 20 |
| 17 | New biflavonoid and other flavonoids from the leaves of <i>Chimarrhis turbinata</i> and their antioxidant activities. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1353-1359. | 0.6 | 19 |
| 18 | Evaluation of capillary chromatographic supports for immobilized human purine nucleoside phosphorylase in frontal affinity chromatography studies. <i>Journal of Chromatography A</i> , 2014, 1338, 77-84. | 3.7 | 19 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Imobilizaç o de enzimas em suportes cromatogr ficos: uma ferramenta na busca por subst ncias bioativas. <i>Quimica Nova</i> , 2009, 32, 175-187. | 0.3 | 17 |
| 20 | Immobilized cholinesterases capillary reactors on-flow screening of selective inhibitors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 968, 87-93. | 2.3 | 17 |
| 21 | The Absolute Configuration of 1-(3,4-Dihydroxycinnamoyl)cyclopentane-2,3-diol from the Amazonian Tree <i>Chimarrhis turbinata</i> . <i>Journal of Natural Products</i> , 2006, 69, 1046-1050. | 3.0 | 16 |
| 22 | Indole monoterpene alkaloids from <i>Chimarrhis turbinata</i> DC Prodr.: a contribution to the chemotaxonomic studies of the Rubiaceae family. <i>Revista Brasileira De Farmacognosia</i> , 2008, 18, . | 1.4 | 14 |
| 23 | A novel on-flow mass spectrometry-based dual enzyme assay. <i>Analytica Chimica Acta</i> , 2019, 1072, 81-86. | 5.4 | 14 |
| 24 | Acetylcholinesterase inhibition and antifungal activity of cyclohexanoids from the endophytic fungus <i>Saccharicola</i> sp.. <i>Phytochemistry Letters</i> , 2020, 39, 116-123. | 1.2 | 14 |
| 25 | Biotransformation of labdane and halimane diterpenoids by two filamentous fungi strains. <i>Royal Society Open Science</i> , 2017, 4, 170854. | 2.4 | 12 |
| 26 | An Unprecedented Neolignan Skeleton from <i>Chimarrhis turbinata</i> . <i>Journal of Natural Products</i> , 2011, 74, 487-491. | 3.0 | 11 |
| 27 | An on-flow assay for screening of β -secretase ligands by immobilised capillary reactor-mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 2189-2196. | 2.7 | 10 |
| 28 | An improved immobilized enzyme reactor-mass spectrometry-based label free assay for butyrylcholinesterase ligand screening. <i>Analytical Biochemistry</i> , 2018, 549, 53-57. | 2.4 | 10 |
| 29 | Label-free assay based on immobilized capillary enzyme reactor of <i>Leishmania infantum</i> nucleoside triphosphate diphosphohydrolase (Lic NTPDase-2-ICER-LC/UV). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 98-107. | 2.3 | 9 |
| 30 | An immobilized acetylcholinesterase as test system to screen new inhibitor drugs to treat Alzheimer's disease. <i>Sensors and Actuators B: Chemical</i> , 2019, 278, 196-201. | 7.8 | 9 |
| 31 | HPLC-EICD: an useful tool for the pursuit of novel analytical strategies for the detection of antioxidant secondary metabolites. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 771-776. | 0.6 | 9 |
| 32 | Label-free offline versus online activity methods for nucleoside diphosphate kinase b using high performance liquid chromatography. <i>Analyst</i> , 2016, 141, 4733-4741. | 3.5 | 8 |
| 33 | Acetylcholinesterase affinity-based screening assay on <i>Lippia gracilis</i> Schauer extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 232-237. | 2.8 | 8 |
| 34 | Development of a generic high-throughput screening assay for profiling snake venom protease activity after high-resolution chromatographic fractionation. <i>Toxicon</i> , 2020, 178, 61-68. | 1.6 | 7 |
| 35 | Structural insights into the molecular basis responsible for the effects of immobilization on the kinetic parameters of glyceraldehyde-3-phosphate dehydrogenase from <i>Trypanosoma cruzi</i> and human. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1845-1853. | 0.6 | 6 |
| 36 | Experimental studies and computational modeling on cytochrome c reduction by quercetin: The role of oxidability and binding affinity. <i>Journal of Molecular Structure</i> , 2021, 1244, 130995. | 3.6 | 6 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Immobilization of NTPDase-1 from <i>Trypanosoma cruzi</i> and Development of an Online Label-Free Assay. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-9. | 1.6 | 5 |
| 38 | Aminonaphthoquinone Mannich Bases Derived from Lawsone and Their Copper(II) Complex Derivatives: Synthesis and Potential Cholinesterase Inhibitors as Identified by On-flow Assay. <i>Journal of the Brazilian Chemical Society</i> , 2015, , . | 0.6 | 4 |
| 39 | A Comprehensive 2D-LC/MS Online Platform for Screening of Acetylcholinesterase Inhibitors. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 868597. | 3.5 | 4 |
| 40 | Editorial: Advances in Bioanalytical Methods for Probing Ligand-Target Interactions. <i>Frontiers in Chemistry</i> , 2020, 8, 378. | 3.6 | 2 |
| 41 | Ligand screening assay for the enzyme kallikrein immobilized on NHS-activated Sepharose. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114026. | 2.8 | 2 |
| 42 | A Comparative Evaluation of Acetylcholinesterase Inhibition by AChE-ICER and in vitro Ellman's Modified Method of Simplified Analogs 3-O-Acetyl-N-Benzyl-Piperidine of Donepezil. <i>Revista Virtual De Quimica</i> , 2015, 7, 2334-2346. | 0.4 | 2 |
| 43 | Application of LC-DAD Metabolic Fingerprinting in Combination with PCA for Evaluation of Seasonality and Extraction Method on the Chemical Composition of Accessions from <i>Lippia alba</i> (Mill) N. E. Brown and Biological Activities. <i>Journal of the Brazilian Chemical Society</i> , 0, , . | 0.6 | 1 |
| 44 | On-Flow Ligand Screening Assay Based on Immobilized Nucleoside Diphosphate Kinase b from <i>Homo sapiens</i> . <i>Journal of the Brazilian Chemical Society</i> , 2019, , . | 0.6 | 1 |
| 45 | Co-Immobilized Capillary Enzyme Reactor Based on Beta-Secretase1 and Acetylcholinesterase: A Model for Dual-Ligand Screening. <i>Frontiers in Chemistry</i> , 2021, 9, 708374. | 3.6 | 1 |
| 46 | Grupo Comunitário de Saúde Mental. , 2019, 98, 120-131. | 0.1 | 1 |
| 47 | Biological studies and chromatograms aided by chemometric analysis in evaluation of seasonality and extraction method of <i>Croton grewoides</i> extracts. <i>Revista Brasileira De Botanica</i> , 2022, 45, 607-618. | 1.3 | 1 |
| 48 | Levetiracetam analogs: chemoenzymatic synthesis, absolute configuration assignment and evaluation of cholinesterase inhibitory activities. <i>Eletica Quimica</i> , 2022, 47, 17-35. | 0.5 | 1 |
| 49 | Levetiracetam analogs: chemoenzymatic synthesis, absolute configuration assignment and evaluation of cholinesterase inhibitory activities. <i>Eletica Quimica</i> , 2022, 47, 36-73. | 0.5 | 0 |