

# Paula C A G Pinto

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,078  
citations

361296

20  
h-index

414303

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic liquids impact on the catalysis of glucose oxidase and Cu/luminol/H <sub>2</sub> O <sub>2</sub> system. <i>Chemical Papers</i> , 2022, 76, 1493-1500.	1.0	1
2	The role of ionic liquids in the biocatalytic evaluation of bisphenol levels as contaminant: an automatic approach. <i>Analyst</i> , 2018, 143, 2426-2434.	1.7	0
3	Microfluidic Chemiluminescence System with Yeast <i>Saccharomyces cerevisiae</i> for Rapid Biochemical Oxygen Demand Measurement. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6094-6101.	3.2	19
4	Assessment of ionic liquids' toxicity through the inhibition of acylase I activity on a microflow system. <i>Chemosphere</i> , 2017, 173, 351-358.	4.2	16
5	Environmental Impact of Ionic Liquids: Automated Evaluation of the Chemical Oxygen Demand of Photochemically Degraded Compounds. <i>ChemPhysChem</i> , 2017, 18, 1351-1357.	1.0	6
6	Anti-inflammatory choline based ionic liquids: Insights into their lipophilicity, solubility and toxicity parameters. <i>Journal of Molecular Liquids</i> , 2017, 232, 20-26.	2.3	30
7	Environmental Impact of Ionic Liquids: Recent Advances in (Eco)toxicology and (Bio)degradability. <i>ChemSusChem</i> , 2017, 10, 2321-2347.	3.6	202
8	Chiral Derivatives of Xanthenes: Investigation of the Effect of Enantioselectivity on Inhibition of Cyclooxygenases (COX-1 and COX-2) and Binding Interaction with Human Serum Albumin. <i>Pharmaceuticals</i> , 2017, 10, 50.	1.7	23
9	Automated evaluation of protein binding affinity of anti-inflammatory choline based ionic liquids. <i>Talanta</i> , 2016, 150, 20-26.	2.9	10
10	Automated cytochrome c oxidase bioassay developed for ionic liquids' toxicity assessment. <i>Journal of Hazardous Materials</i> , 2016, 309, 165-172.	6.5	24
11	Automated evaluation of the inhibition of glutathione reductase activity: application to the prediction of ionic liquids' toxicity. <i>RSC Advances</i> , 2015, 5, 78971-78978.	1.7	10
12	The aquatic impact of ionic liquids on freshwater organisms. <i>Chemosphere</i> , 2015, 139, 288-294.	4.2	51
13	Nanoparticle-based assays in automated flow systems: A review. <i>Analytica Chimica Acta</i> , 2015, 889, 22-34.	2.6	29
14	Immobilization of Distinctly Capped CdTe Quantum Dots onto Porous Aminated Solid Supports. <i>ChemPhysChem</i> , 2015, 16, 1880-1888.	1.0	5
15	Evaluation of ionic liquids as alternative solvents for aldolase activity: Use of a new automated SIA methodology. <i>Talanta</i> , 2015, 141, 293-299.	2.9	5
16	Toxicity assessment of ionic liquids with <i>Vibrio fischeri</i> : An alternative fully automated methodology. <i>Journal of Hazardous Materials</i> , 2015, 284, 136-142.	6.5	52
17	Automated evaluation of pharmaceutically active ionic liquids' (eco)toxicity through the inhibition of human carboxylesterase and <i>Vibrio fischeri</i> . <i>Journal of Hazardous Materials</i> , 2014, 265, 133-141.	6.5	34
18	Improved activity of $\hat{\Gamma}$ -chymotrypsin in mixed micelles of cetyltrimethylammonium bromide (CTAB) and ionic liquids: A kinetic study resorting to sequential injection analysis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 118, 172-178.	2.5	9

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19	Active pharmaceutical ingredients based on salicylate ionic liquids: insights into the evaluation of pharmaceutical profiles. <i>New Journal of Chemistry</i> , 2013, 37, 4095.	1.4	53
20	Automated carboxylesterase assay for the evaluation of ionic liquids's human toxicity. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 563-569.	6.5	25
21	Imidazolium ionic liquids as solvents of pharmaceuticals: Influence on HSA binding and partition coefficient of nimesulide. <i>International Journal of Pharmaceutics</i> , 2013, 443, 273-278.	2.6	34
22	Î²-Galactosidase activity in mixed micelles of imidazolium ionic liquids and sodium dodecylsulfate: A sequential injection kinetic study. <i>Talanta</i> , 2012, 96, 26-33.	2.9	13
23	Automated high-throughput <i>Vibrio fischeri</i> assay for (eco)toxicity screening: Application to ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 97-102.	2.9	33
24	Trypsin activity in imidazolium based ionic liquids: evaluation of free and immobilized enzyme. <i>Journal of Molecular Liquids</i> , 2012, 171, 16-22.	2.3	18
25	Sequential Injection Chemiluminescence Methodology for Ozone Evaluation. <i>Analytical Letters</i> , 2011, 44, 117-126.	1.0	2
26	Sequential Injection Analysis Hyphenated with Other Flow Techniques: A Review. <i>Analytical Letters</i> , 2011, 44, 374-397.	1.0	11
27	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. <i>Quimica Nova</i> , 2011, 34, 256-261.	0.3	5
28	Automated evaluation of the effect of ionic liquids on catalase activity. <i>Chemosphere</i> , 2011, 82, 1620-1628.	4.2	38
29	Enzyme based assays in a sequential injection format: A review. <i>Analytica Chimica Acta</i> , 2011, 689, 160-177.	2.6	49
30	Sequential injection fluorimetric determination of Sn in juices of canned fruits. <i>Talanta</i> , 2009, 79, 1100-1103.	2.9	26
31	Enzymatic Determination of Glucose in Milk Samples by Sequential Injection Analysis. <i>Analytical Sciences</i> , 2009, 25, 687-692.	0.8	6
32	Sequential injection analysis as a tool for implementation of enzymatic assays in ionic liquids. <i>Talanta</i> , 2008, 77, 479-483.	2.9	23
33	Oxidoreductase Behavior in Ionic Liquids: a Review. <i>Analytical Sciences</i> , 2008, 24, 1231-1238.	0.8	52
34	Fluorimetric determination of aminocaproic acid in pharmaceutical formulations using a sequential injection analysis system. <i>Talanta</i> , 2006, 68, 857-862.	2.9	17
35	Exploiting gas diffusion for non-invasive sampling in flow analysis: determination of ethanol in alcoholic beverages. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006, 78, 23-29.	0.3	14
36	A flow sampling strategy for the analysis of oil samples without pre-treatment in a sequential injection analysis system. <i>Analytica Chimica Acta</i> , 2006, 555, 377-383.	2.6	20

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37	Automatic sequential determination of the hydrogen peroxide scavenging activity and evaluation of the antioxidant potential by the 2,2-azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) radical cation assay in wines by sequential injection analysis. <i>Analytica Chimica Acta</i> , 2005, 531, 25-32.	2.6	34
38	A pulsed sequential injection analysis flow system for the fluorimetric determination of indomethacin in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 2005, 539, 173-179.	2.6	31
39	An enzymatic flow analysis methodology for the determination of nitrates and nitrites in waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 29-40.	1.8	7
40	Sensitive sequential injection determination of naproxen based on interaction with $\beta$ -cyclodextrin. <i>Talanta</i> , 2005, 68, 226-230.	2.9	17
41	Sequential injection analysis of nitrites and nitrates in human serum using nitrate reductase. <i>Clinica Chimica Acta</i> , 2003, 337, 69-76.	0.5	24