

# Paula C A G Pinto

## List of Publications by Year in descending order

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41  
papers

1,078  
citations

361413

20  
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414414

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g-index

41  
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41  
docs citations

41  
times ranked

1419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Impact of Ionic Liquids: Recent Advances in (Eco)toxicology and (Bio)degradability. <i>ChemSusChem</i> , 2017, 10, 2321-2347.	6.8	202
2	Active pharmaceutical ingredients based on salicylate ionic liquids: insights into the evaluation of pharmaceutical profiles. <i>New Journal of Chemistry</i> , 2013, 37, 4095.	2.8	53
3	Oxidoreductase Behavior in Ionic Liquids: a Review. <i>Analytical Sciences</i> , 2008, 24, 1231-1238.	1.6	52
4	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.	12.4	52
5	The aquatic impact of ionic liquids on freshwater organisms. <i>Chemosphere</i> , 2015, 139, 288-294.	8.2	51
6	Enzyme based assays in a sequential injection format: A review. <i>Analytica Chimica Acta</i> , 2011, 689, 160-177.	5.4	49
7	Automated evaluation of the effect of ionic liquids on catalase activity. <i>Chemosphere</i> , 2011, 82, 1620-1628.	8.2	38
8	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.	5.4	34
9	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.	5.2	34
10	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.	12.4	34
11	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.	6.0	33
12	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.	5.4	31
13	Anti-inflammatory choline based ionic liquids: Insights into their lipophilicity, solubility and toxicity parameters. <i>Journal of Molecular Liquids</i> , 2017, 232, 20-26.	4.9	30
14	Nanoparticle-based assays in automated flow systems: A review. <i>Analytica Chimica Acta</i> , 2015, 889, 22-34.	5.4	29
15	Sequential injection fluorimetric determination of Sn in juices of canned fruits. <i>Talanta</i> , 2009, 79, 1100-1103.	5.5	26
16	Automated carboxylesterase assay for the evaluation of ionic liquids' human toxicity. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 563-569.	12.4	25
17	Sequential injection analysis of nitrites and nitrates in human serum using nitrate reductase. <i>Clinica Chimica Acta</i> , 2003, 337, 69-76.	1.1	24
18	Automated cytochrome c oxidase bioassay developed for ionic liquids' toxicity assessment. <i>Journal of Hazardous Materials</i> , 2016, 309, 165-172.	12.4	24

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19	Sequential injection analysis as a tool for implementation of enzymatic assays in ionic liquids. <i>Talanta</i> , 2008, 77, 479-483.	5.5	23
20	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.	3.8	23
21	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.	5.4	20
22	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.	6.7	19
23	Trypsin activity in imidazolium based ionic liquids: evaluation of free and immobilized enzyme. <i>Journal of Molecular Liquids</i> , 2012, 171, 16-22.	4.9	18
24	Sensitive sequential injection determination of naproxen based on interaction with $\beta$ -cyclodextrin. <i>Talanta</i> , 2005, 68, 226-230.	5.5	17
25	Fluorimetric determination of aminocaproic acid in pharmaceutical formulations using a sequential injection analysis system. <i>Talanta</i> , 2006, 68, 857-862.	5.5	17
26	Assessment of ionic liquids' toxicity through the inhibition of acylase I activity on a microflow system. <i>Chemosphere</i> , 2017, 173, 351-358.	8.2	16
27	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.	0.8	14
28	$\beta$ -Galactosidase activity in mixed micelles of imidazolium ionic liquids and sodium dodecylsulfate: A sequential injection kinetic study. <i>Talanta</i> , 2012, 96, 26-33.	5.5	13
29	Sequential Injection Analysis Hyphenated with Other Flow Techniques: A Review. <i>Analytical Letters</i> , 2011, 44, 374-397.	1.8	11
30	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.	3.6	10
31	Automated evaluation of protein binding affinity of anti-inflammatory choline based ionic liquids. <i>Talanta</i> , 2016, 150, 20-26.	5.5	10
32	Improved activity of $\beta$ -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.	5.0	9
33	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.	3.3	7
34	Enzymatic Determination of Glucose in Milk Samples by Sequential Injection Analysis. <i>Analytical Sciences</i> , 2009, 25, 687-692.	1.6	6
35	Environmental Impact of Ionic Liquids: Automated Evaluation of the Chemical Oxygen Demand of Photochemically Degraded Compounds. <i>ChemPhysChem</i> , 2017, 18, 1351-1357.	2.1	6
36	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

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37	Immobilization of Distinctly Capped CdTe Quantum Dots onto Porous Aminated Solid Supports. ChemPhysChem, 2015, 16, 1880-1888.	2.1	5
38	Evaluation of ionic liquids as alternative solvents for aldolase activity: Use of a new automated SIA methodology. Talanta, 2015, 141, 293-299.	5.5	5
39	Sequential Injection Chemiluminescence Methodology for Ozone Evaluation. Analytical Letters, 2011, 44, 117-126.	1.8	2
40	Ionic liquids impact on the catalysis of glucose oxidase and Cu/luminol/H2O2 system. Chemical Papers, 2022, 76, 1493-1500.	2.2	1
41	The role of ionic liquids in the biocatalytic evaluation of bisphenol levels as contaminant: an automatic approach. Analyst, The, 2018, 143, 2426-2434.	3.5	0