

# Marieta L C Passos

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

590  
citations

777949

13  
h-index

721071

23  
g-index

40  
all docs

40  
docs citations

40  
times ranked

941  
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	Automatic Identification of Myeloperoxidase Natural Inhibitors in Plant Extracts. <i>Molecules</i> , 2022, 27, 1825.	1.7	4
3	Microsequential injection analysis/lab-on-valve system for the automatic evaluation of acetylcholinesterase inhibitors. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100150.	2.1	0
4	Added value of ionic liquids in a biocatalytic process: An automatic approach. <i>Process Biochemistry</i> , 2021, 108, 121-128.	1.8	3
5	Biomarkers in the diagnosis of wounds infection: An analytical perspective. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116405.	5.8	16
6	Automatic fluorometric lactate determination in human plasma samples. <i>New Journal of Chemistry</i> , 2020, 44, 543-548.	1.4	4
7	Immobilized imidazolium-based ionic liquids in C18 for solid-phase extraction. <i>Analyst, The</i> , 2020, 145, 2701-2708.	1.7	6
8	Enhancing extraction and purification of phycocyanin from <i>Arthrospira</i> sp. with lower energy consumption. <i>Energy Reports</i> , 2020, 6, 312-318.	2.5	26
9	Enzymatic Reactions in a Lab-on-Valve System: Cholesterol Evaluations. <i>Molecules</i> , 2019, 24, 2890.	1.7	6
10	Automatic methodologies to perform loading and release assays of anticancer drugs from mesoporous silicon nanoparticles. <i>Talanta</i> , 2019, 196, 277-283.	2.9	2
11	Detection in UV-visible spectrophotometry: Detectors, detection systems, and detection strategies. Measurement: Journal of the International Measurement Confederation, 2019, 135, 896-904.	2.5	73
12	Manual or automated measuring of antipsychotics' chemical oxygen demand. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 55-60.	2.9	8
13	The role of ionic liquids in the biocatalytic evaluation of bisphenol levels as contaminant: an automatic approach. <i>Analyst, The</i> , 2018, 143, 2426-2434.	1.7	0
14	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
15	<i>Organic Compounds.</i> , 2018, , 236-236.		2
16	Mesoporous Silica Nanoparticles for Targeted and Stimuli-Responsive Delivery of Chemotherapeutics: A Review. <i>Advanced Biology</i> , 2018, 2, 1800020.	3.0	82
17	Biodegradability of several antipsychotic drugs: manual and automatic assessment. <i>New Journal of Chemistry</i> , 2018, 42, 13081-13086.	1.4	1
18	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

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19	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
20	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
21	Automatic ionic liquid-enhanced membrane microextraction for the determination of melamine in food samples. <i>Food Control</i> , 2017, 79, 162-168.	2.8	12
22	Automatic evaluation of peroxidase activity using different substrates under a micro sequential injection analysis/lab-on-valve (1/4SIA-LOV) format. <i>Microchemical Journal</i> , 2017, 134, 98-103.	2.3	11
23	Application of nanocrystalline CdTe quantum dots in chemical analysis: Implementation of chemo-sensing schemes based on analyte-triggered photoluminescence modulation. <i>Coordination Chemistry Reviews</i> , 2017, 330, 127-143.	9.5	59
24	Physical and chemical immobilization of choline oxidase onto different porous solid supports: Adsorption studies. <i>Enzyme and Microbial Technology</i> , 2016, 90, 76-82.	1.6	2
25	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
26	Nanoparticle-based assays in automated flow systems: A review. <i>Analytica Chimica Acta</i> , 2015, 889, 22-34.	2.6	29
27	Immobilization of Distinctly Capped CdTe Quantum Dots onto Porous Aminated Solid Supports. <i>ChemPhysChem</i> , 2015, 16, 1880-1888.	1.0	5
28	Sequential injection technique as a tool for the automatic synthesis of silver nanoparticles in a greener way. <i>Talanta</i> , 2015, 133, 45-51.	2.9	15
29	Silica nanostructures synthesis and CdTe quantum dots immobilization for photocatalytical applications. <i>RSC Advances</i> , 2014, 4, 59697-59705.	1.7	7
30	Improved activity of $\alpha$ -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
31	A soft strategy for covalent immobilization of glutathione and cysteine capped quantum dots onto amino functionalized surfaces. <i>Chemical Communications</i> , 2013, 49, 2518.	2.2	9
32	Laccase- $\alpha$ -silica nanostructures - A miniaturized automatic approach. <i>Canadian Journal of Chemistry</i> , 2013, 91, 113-119.	0.6	3
33	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
34	A reagent-free method based on a photo-induced fluorimetry in a sequential injection system. <i>Talanta</i> , 2011, 84, 1309-1313.	2.9	9
35	A thionine-based reversible redox sensor in a sequential injection system. <i>Analytica Chimica Acta</i> , 2010, 668, 41-46.	2.6	10
36	Evaluation of digestion procedures for simultaneous determination of Ca, P, Mg, K and Na in biodiesel by inductively coupled plasma optical emission spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2278-2284.	0.6	27

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37	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. <i>Talanta</i> , 2009, 79, 1094-1099.	2.9	27
38	Enzymatic oxidation in aqueous and micellar media based on horseradish peroxidase-hydrogen peroxide system using a SIA manifold. <i>Talanta</i> , 2008, 77, 484-489.	2.9	5
39	Determination of metoprolol, acebutolol and propranolol in pharmaceutical formulations using the same SIA system. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 563-568.	0.6	10
40	Application of Sequential Injection Analysis to the Determination of Cationic Surfactants Based on the Sensitized Molybdenum-Bromopyrogallol Red Reaction. <i>Analytical Sciences</i> , 2005, 21, 1509-1514.	0.8	8