

Luisa Barreiros

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,196
citations

471061

17
h-index

377514

34
g-index

49
all docs

49
docs citations

49
times ranked

2149
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO ₂ with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. <i>Water Research</i> , 2016, 94, 10-22.	5.3	185
2	Analysis of 17- β -estradiol and 17- β -ethinylestradiol in biological and environmental matrices – A review. <i>Microchemical Journal</i> , 2016, 126, 243-262.	2.3	112
3	Valorization of grape pomace: Extraction of bioactive phenolics with antioxidant properties. <i>Industrial Crops and Products</i> , 2015, 74, 397-406.	2.5	97
4	Nanoparticles-in-film for the combined vaginal delivery of anti-HIV microbicide drugs. <i>Journal of Controlled Release</i> , 2016, 243, 43-53.	4.8	86
5	A novel pathway for mineralization of the thiocarbamate herbicide molinate by a defined bacterial mixed culture. <i>Environmental Microbiology</i> , 2003, 5, 944-953.	1.8	67
6	Rapid assessment of endpoint antioxidant capacity of red wines through microchemical methods using a kinetic matching approach. <i>Talanta</i> , 2012, 97, 473-483.	2.9	59
7	Chemistry, bioactivities, extraction and analysis of azadirachtin: State-of-the-art. <i>Farmacoterapia</i> , 2019, 134, 141-150.	1.1	54
8	Topical co-delivery of methotrexate and etanercept using lipid nanoparticles: A targeted approach for psoriasis management. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 23-29.	2.5	49
9	Methotrexate loaded lipid nanoparticles for topical management of skin-related diseases: Design, characterization and skin permeation potential. <i>International Journal of Pharmaceutics</i> , 2016, 512, 14-21.	2.6	35
10	Noncovalent PEG Coating of Nanoparticle Drug Carriers Improves the Local Pharmacokinetics of Rectal Anti-HIV Microbicides. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34942-34953.	4.0	32
11	Development of PLGA nanoparticles loaded with clofazimine for oral delivery: Assessment of formulation variables and intestinal permeability. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 112, 28-37.	1.9	31
12	Molinate quantification in environmental water by a glutathione-S-transferase based biosensor. <i>Talanta</i> , 2013, 106, 249-254.	2.9	29
13	Cellular interactions of a lipid-based nanocarrier model with human keratinocytes: Unravelling transport mechanisms. <i>Acta Biomaterialia</i> , 2017, 53, 439-449.	4.1	28
14	Kinetic matching approach applied to ABTS assay for high-throughput determination of total antioxidant capacity of food products. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 187-194.	1.9	27
15	New insights into a bacterial metabolic and detoxifying association responsible for the mineralization of the thiocarbamate herbicide molinate. <i>Microbiology (United Kingdom)</i> , 2008, 154, 1038-1046.	0.7	27
16	Automatic Aluminum Chloride Method for Routine Estimation of Total Flavonoids in Red Wines and Teas. <i>Food Analytical Methods</i> , 2012, 5, 530-539.	1.3	23
17	Bacterial diversity and bioaugmentation in floodwater of a paddy field in the presence of the herbicide molinate. <i>Biodegradation</i> , 2011, 22, 445-461.	1.5	20
18	Determination of salivary cotinine through solid phase extraction using a bead-injection lab-on-valve approach hyphenated to hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1429, 284-291.	1.8	18

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19	Fluorometric method based on molecular recognition solid-phase extraction for determination of riboflavin in milk and infant formula. <i>Journal of Food Composition and Analysis</i> , 2016, 45, 141-146.	1.9	18
20	Insights on Ultrafiltration-Based Separation for the Purification and Quantification of Methotrexate in Nanocarriers. <i>Molecules</i> , 2020, 25, 1879.	1.7	16
21	Programmable flow system for automation of oxygen radical absorbance capacity assay using pyrogallol red for estimation of antioxidant reactivity. <i>Talanta</i> , 2016, 150, 599-606.	2.9	15
22	Development and validation of a liquid chromatography-MS/MS method for simultaneous quantification of tenofovir and efavirenz in biological tissues and fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 136, 120-125.	1.4	15
23	pH-sensitive nanoparticles for improved oral delivery of dapsone: risk assessment, design, optimization and characterization. <i>Nanomedicine</i> , 2017, 12, 1975-1990.	1.7	15
24	Vascular Calcification and the Gut and Blood Microbiome in Chronic Kidney Disease Patients on Peritoneal Dialysis: A Pilot Study. <i>Biomolecules</i> , 2022, 12, 867.	1.8	13
25	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. <i>Heliyon</i> , 2019, 5, e02648.	1.4	12
26	Analytical methods for quantification of tranexamic acid in biological fluids: A review. <i>Microchemical Journal</i> , 2017, 134, 333-342.	2.3	11
27	Benefits of Fermented Papaya in Human Health. <i>Foods</i> , 2022, 11, 563.	1.9	10
28	Environmental factors influencing molinate biodegradation by a two-member mixed culture in rice paddy field floodwater. <i>International Biodeterioration and Biodegradation</i> , 2012, 72, 52-58.	1.9	9
29	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. <i>Analytical Methods</i> , 2018, 10, 690-696.	1.3	9
30	Nanosystems as modulators of intestinal dapsone and clofazimine delivery. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1392-1396.	2.5	9
31	Nickel ferrite nanoparticles for removal of polar pharmaceuticals from water samples with multi-purpose features. <i>Adsorption</i> , 2018, 24, 431-441.	1.4	8
32	Micro-bead injection spectroscopy for label-free automated determination of immunoglobulin G in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 981-988.	1.9	7
33	Automatic solid-phase extraction by programmable flow injection coupled to chromatographic fluorimetric determination of fluoroquinolones. <i>Analytical Methods</i> , 2018, 10, 2180-2186.	1.3	6
34	Screening of fluoroquinolones in environmental waters using disk-based solid-phase extraction combined to microplate fluorimetric determination and LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 258-269.	1.8	6
35	Determination of tranexamic acid in human plasma by UHPLC coupled with tandem mass spectrometry targeting sub-microgram per milliliter levels. <i>Microchemical Journal</i> , 2019, 144, 144-150.	2.3	6
36	Automatic and renewable micro-solid-phase extraction based on bead injection lab-on-valve system for determination of tranexamic acid in urine by UHPLC coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 649-659.	1.9	6

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37	Epifluorescence microscope methods for bacterial enumeration in a 4-chlorophenol degrading consortium. <i>Biotechnology Letters</i> , 2003, 25, 2089-2092.	1.1	4
38	Assessment of immunoglobulin capture in immobilized protein A through automatic bead injection. <i>Talanta</i> , 2019, 204, 542-547.	2.9	4
39	Fast monolith-based chromatographic method for determination of methotrexate in drug delivery studies. <i>Microchemical Journal</i> , 2019, 148, 185-189.	2.3	4
40	Gas-phase structural characterization of neuropeptides Y Y1 receptor antagonists using mass spectrometry: Orbitrap vs triple quadrupole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 227-234.	1.4	3
41	Chromatographic method for the simultaneous quantification of dapsone and clofazimine in nanoformulations. <i>Journal of Separation Science</i> , 2018, 41, 3382-3388.	1.3	3
42	Development of a Screening Method for Sulfamethoxazole in Environmental Water by Digital Colorimetry Using a Mobile Device. <i>Chemosensors</i> , 2022, 10, 25.	1.8	3
43	Miniaturized Fluorimetric Method for Quantification of Zinc in Dry Dog Food. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-6.	0.7	2
44	Determination of neuropeptide Y Y1 receptor antagonist BIBP 3226 and evaluation of receptor expression based on liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6625-6632.	1.9	2
45	Acetonitrile Adducts of Tranexamic Acid as Sensitive Ions for Quantification at Residue Levels in Human Plasma by UHPLC-MS/MS. <i>Pharmaceuticals</i> , 2021, 14, 1205.	1.7	1
46	Kinetic matching approach for rapid assessment of endpoint antioxidant capacity. , 0, , 321-331.		0
47	Salivary Cotinine Assays. , 2019, , 411-418.		0
48	CHAPTER 18. Assays of Riboflavin in Food using Solid-phase Extraction. <i>Food and Nutritional Components in Focus</i> , 2012, , 271-284.	0.1	0