

Paula Gameiro

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112
papers

2,357
citations

28
h-index

42
g-index

132
ext. papers

2,612
ext. citations

3.8
avg, IF

4.64
L-index

#	Paper	IF	Citations
112	Antioxidant properties of prepared blueberry (<i>Vaccinium myrtillus</i>) extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6896-902	5.7	139
111	Noninvasive methods to determine the critical micelle concentration of some bile acid salts. <i>Analytical Biochemistry</i> , 2004 , 334, 117-26	3.1	128
110	Molecular basis of enrofloxacin translocation through OmpF, an outer membrane channel of <i>Escherichia coli</i> --when binding does not imply translocation. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5170-9	3.4	78
109	Activity and location of olive oil phenolic antioxidants in liposomes. <i>Chemistry and Physics of Lipids</i> , 2003 , 124, 23-36	3.7	76
108	Quantification of endocrine disruptors and pesticides in water by gas chromatography-tandem mass spectrometry. Method validation using weighted linear regression schemes. <i>Journal of Chromatography A</i> , 2010 , 1217, 6681-91	4.5	74
107	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. <i>Journal of Inorganic Biochemistry</i> , 2012 , 110, 64-71	4.2	70
106	Zeta-potential measurements as a tool to quantify the effect of charged drugs on the surface potential of egg phosphatidylcholine liposomes. <i>Langmuir</i> , 2004 , 20, 369-77	4	54
105	Partition and location of nimesulide in EPC liposomes: a spectrophotometric and fluorescence study. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 293-8	4.4	49
104	Interaction of rifampicin and isoniazid with large unilamellar liposomes: spectroscopic location studies. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003 , 1620, 151-9	4	49
103	Facilitated permeation of antibiotics across membrane channels--interaction of the quinolone moxifloxacin with the OmpF channel. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13301-9	16.4	47
102	Occurrence of bisphenol A, estrone, 17 β -estradiol and 17 β -ethinylestradiol in Portuguese rivers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 90, 73-8	2.7	44
101	Derivative spectrophotometry as a tool for the determination of drug partition coefficients in water/dimyristoyl-L-alpha-phosphatidylglycerol (DMPG) liposomes. <i>Biophysical Chemistry</i> , 2001 , 94, 97-106	3.5	44
100	Fluoroquinolone-metal complexes: a route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2014 , 138, 129-143	4.2	43
99	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). <i>Dyes and Pigments</i> , 2012 , 93, 1447-1455	4.6	43
98	Nickel(II) and copper(II) Schiff base complexes bearing benzo-15-crown-5 functionalities as probes for spectroscopic recognition of lanthanide ions. <i>Polyhedron</i> , 2004 , 23, 1401-1408	2.7	41
97	Calibration of pH glass electrodes by direct strong acid/strong base titrations under dilute conditions. <i>Analytica Chimica Acta</i> , 2000 , 405, 167-172	6.6	40
96	Interaction between quinolones antibiotics and bacterial outer membrane porin OmpF. <i>Biophysical Chemistry</i> , 2005 , 113, 123-8	3.5	38

95	Fluorescent 3-hydroxy-4-pyridinone hexadentate iron chelators: intracellular distribution and the relevance to antimycobacterial properties. <i>Journal of Biological Inorganic Chemistry</i> , 2010 , 15, 861-77	3.7	37
94	Interaction of Grepafloxacin with Large Unilamellar Liposomes: Partition and Fluorescence Studies Reveal the Importance of Charge Interactions. <i>Langmuir</i> , 2002 , 18, 10231-10236	4	37
93	A fast and reliable spectroscopic method for the determination of membrane-water partition coefficients of organic compounds. <i>Lipids</i> , 2001 , 36, 89-96	1.6	36
92	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. <i>Journal of Inorganic Biochemistry</i> , 2014 , 131, 21-9	4.2	34
91	Spectrophotometric determination of drug partition coefficients in dimyristoyl-L- α -phosphatidylcholine/water: a comparative study using phase separation and liposome suspensions. <i>Analytica Chimica Acta</i> , 2001 , 428, 103-109	6.6	32
90	Solution and biological behaviour of enrofloxacin metalloantibiotics: a route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 843-50	4.2	31
89	Synergistic and antibiofilm properties of ocellatin peptides against multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Future Microbiology</i> , 2018 , 13, 151-163	2.9	30
88	Ciprofloxacin interactions with bacterial protein OmpF: modelling of FRET from a multi-tryptophan protein trimer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 2822-30	3.8	30
87	Bathing waters: new directive, new standards, new quality approach. <i>Marine Pollution Bulletin</i> , 2009 , 58, 1562-5	6.7	29
86	Solution studies on binary and ternary complexes of copper(II) with some fluoroquinolones and 1,10-phenanthroline: Antimicrobial activity of ternary metalloantibiotics. <i>International Journal of Pharmaceutics</i> , 2007 , 334, 129-36	6.5	29
85	Investigation of the insulin-like properties of zinc(II) complexes of 3-hydroxy-4-pyridinones: identification of a compound with glucose lowering effect in STZ-induced type I diabetic animals. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1675-82	4.2	28
84	Interaction of drugs with hexadecylphosphocholine micelles. Derivative spectroscopy, acid-base and solubility studies. <i>Materials Science and Engineering C</i> , 2001 , 18, 71-78	8.3	28
83	Evaluation of membrane fluidity of multidrug-resistant isolates of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> in presence and absence of antibiotics. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 181, 150-156	6.7	27
82	Microwave-Assisted Synthesis and Spectroscopic Properties of 4?-Substituted Rosamine Fluorophores and Naphthyl Analogues. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5810-5817	3.2	27
81	Study of partition of nitrazepam in bile salt micelles and the role of lecithin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 24, 595-602	3.5	27
80	Structural study of the interaction of vanadate with the ligand 1,2-dimethyl-3-hydroxy-4-pyridinone (Hdmpp) in aqueous solution. <i>Journal of Inorganic Biochemistry</i> , 2000 , 80, 177-9	4.2	27
79	Cardiolipin, a key component to mimic the <i>E. coli</i> bacterial membrane in model systems revealed by dynamic light scattering and steady-state fluorescence anisotropy. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1357-66	4.4	26
78	Partition coefficients of beta-blockers in bile salt/lecithin micelles as a tool to assess the role of mixed micelles in gastrointestinal absorption. <i>Biophysical Chemistry</i> , 2001 , 90, 31-43	3.5	26

77	Location and partition coefficients of anti-inflammatory drugs in EPC liposomes. A fluorescence quenching study using n-(9-anthroyloxy)-stearic probes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 190, 205-212	5.1	26
76	Discrimination of fluorescence light-up effects induced by pH and metal ion chelation on a spirocyclic derivative of rhodamine B. <i>Dalton Transactions</i> , 2013 , 42, 6110-8	4.3	24
75	Acid-base properties and solubility of pindolol, diazepam and chlordiazepoxide in SDS micelles. <i>International Journal of Pharmaceutics</i> , 1999 , 187, 67-75	6.5	24
74	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 131-140	2.3	23
73	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , 2010 , 66, 8544-8550	2.4	23
72	Interaction of 5-fluorouracil loaded nanoparticles with 1,2-dimyristoyl-sn-glycero-3-phosphocholine liposomes used as a cellular membrane model. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 667-75	3.4	22
71	Acid/base properties of beta-blockers and benzodiazepines in sodium dodecyl sulfate micelles. A spectrophotometric and potentiometric study. <i>Journal of Pharmaceutical Sciences</i> , 1998 , 87, 356-9	3.9	22
70	Multinuclear NMR and potentiometric studies on the interaction of zinc and cadmium with cytidine and glycylglycine. The effect of the anion. <i>Journal of Inorganic Biochemistry</i> , 1992 , 45, 53-64	4.2	22
69	Interaction of cephalosporins with outer membrane channels of Escherichia coli. Revealing binding by fluorescence quenching and ion conductance fluctuations. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 1521-30	3.6	20
68	Bisphenol A migration from plastic materials: direct insight of ecotoxicity in Daphnia magna. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6007-18	5.1	19
67	Influence of structural factors on the enhanced activity of moxifloxacin: a fluorescence and EPR spectroscopic study. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1543-52	4.4	19
66	Characterization of membrane protein reconstitution in LUVs of different lipid composition by fluorescence anisotropy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 276-81	3.5	18
65	Fluorimetric and solubility studies of nadolol and atenolol in SDS micelles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 573-7	3.5	18
64	A novel self-indicative vesicle based on a iron(II) complex. <i>Chemical Communications</i> , 2001 , 1298-1299	5.8	18
63	Ciprofloxacin metalloantibiotic: an effective antibiotic with an influx route strongly dependent on lipid interaction?. <i>Journal of Membrane Biology</i> , 2015 , 248, 125-36	2.3	17
62	Sensitivity of P-glycoprotein tryptophan residues to benzodiazepines and ATP interaction. <i>Biophysical Chemistry</i> , 2007 , 125, 143-50	3.5	17
61	Design of a water soluble 1,8-naphthalimide/3-hydroxy-4-pyridinone conjugate: Investigation of its spectroscopic properties at variable pH and in the presence of Fe ³⁺ , Cu ²⁺ and Zn ²⁺ . <i>Dyes and Pigments</i> , 2013 , 98, 201-211	4.6	16
60	New insights into the translocation route of enrofloxacin and its metalloantibiotics. <i>Journal of Membrane Biology</i> , 2011 , 241, 117-25	2.3	16

59	Novel tetradentate chelators derived from 3-hydroxy-4-pyridinone units: synthesis, characterization and aqueous solution properties. <i>Tetrahedron</i> , 2011 , 67, 4009-4016	2.4	15
58	Conformational and orientational guidance of the analgesic dipeptide kyotorphin induced by lipidic membranes: putative correlation toward receptor docking. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 3385-94	3.4	15
57	Challenges in modelling and optimisation of stability constants in the study of metal complexes with monoprotonated ligands. <i>Analytica Chimica Acta</i> , 2003 , 493, 105-119	6.6	15
56	Thaulin-1: The first antimicrobial peptide isolated from the skin of a Patagonian frog <i>Pleurodema thaul</i> (Anura: Leptodactylidae: Leiuperinae) with activity against <i>Escherichia coli</i> . <i>Gene</i> , 2017 , 605, 70-80	3.8	14
55	A new approach to counteract bacteria resistance: a comparative study between moxifloxacin and a new moxifloxacin derivative in different model systems of bacterial membrane. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 265-74	2.9	14
54	Ocellatin-PT antimicrobial peptides: High-resolution microscopy studies in antileishmania models and interactions with mimetic membrane systems. <i>Biopolymers</i> , 2016 , 105, 873-86	2.2	13
53	Antibacterial activity of naphthyl derived bis-(3-hydroxy-4-pyridinonate) copper(II) complexes against multidrug-resistant bacteria. <i>Journal of Inorganic Biochemistry</i> , 2019 , 197, 110704	4.2	12
52	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(II) complexes for hydrophobic environments. <i>Dalton Transactions</i> , 2014 , 43, 9722-31	4.3	12
51	Improved model systems for bacterial membranes from differing species: the importance of varying composition in PE/PG/cardiolipin ternary mixtures. <i>Molecular Membrane Biology</i> , 2012 , 29, 207-17	3.4	12
50	Derivatives of Bis(2,2'-bipyridyl)dicyanoiron(II) with Long Alkyl Chains [Versatile Solvatochromic Probes that Form Metalloaggregates in Water-Rich Media. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2755	2.3	12
49	Determination of the pKa values of sparingly soluble substances in water revisited: application to some benzodiazepines. <i>Analytica Chimica Acta</i> , 1993 , 281, 53-62	6.6	12
48	The binding of free and copper-complexed fluoroquinolones to OmpF porins: an experimental and molecular docking study. <i>RSC Advances</i> , 2017 , 7, 10009-10019	3.7	11
47	Interactions of a non-fluorescent fluoroquinolone with biological membrane models: A multi-technique approach. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 761-70	6.5	11
46	Intragenic Antimicrobial Peptide Hs02 Hampers the Proliferation of Single- and Dual-Species Biofilms of and : A Promising Agent for Mitigation of Biofilm-Associated Infections. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
45	Beta-blockers and benzodiazepines location in SDS and bile salt micellar systems. An ESR study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 45, 62-69	3.5	11
44	Interaction of polyphenols with model membranes: Putative implications to mouthfeel perception. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020 , 1862, 183133	3.8	11
43	AFM and electron microscopy study of the unusual aggregation behavior of metallosurfactants based on iron(II) complexes with bipyridine ligands. <i>Langmuir</i> , 2007 , 23, 7951-7	4	10
42	The influence of functional groups on the permeation and distribution of antimycobacterial rhodamine chelators. <i>Journal of Inorganic Biochemistry</i> , 2017 , 175, 138-147	4.2	9

41	Discrimination of single-porin Escherichia (E.) coli mutants by ATR and transmission mode FTIR spectroscopy. <i>Journal of Biophotonics</i> , 2014 , 7, 392-400	3.1	9
40	Tuning the limits of pH interference of a rhodamine ion sensor by introducing catechol and 3-hydroxy-4-pyridinone chelating units. <i>Dyes and Pigments</i> , 2014 , 110, 193-202	4.6	9
39	Use of a porphyrin platform and 3,4-HPO chelating units to synthesize ligands with N4 and O4 coordination sites. <i>Tetrahedron</i> , 2011 , 67, 7821-7828	2.4	9
38	Groundwater from infiltration galleries used for small public water supply systems: contamination with pesticides and endocrine disruptors. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011 , 87, 312-8	2.7	9
37	Hop Extract: An Efficacious Antimicrobial and Anti-biofilm Agent Against Multidrug-Resistant Staphylococci Strains and. <i>Frontiers in Microbiology</i> , 2020 , 11, 1852	5.7	9
36	Turning a Collagenesis-Inducing Peptide Into a Potent Antibacterial and Antibiofilm Agent Against Multidrug-Resistant Gram-Negative Bacteria. <i>Frontiers in Microbiology</i> , 2019 , 10, 1915	5.7	7
35	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , 2015 , 87, 1-7	2.7	6
34	Fluoroquinolone Metalloantibiotics: A Promising Approach against Methicillin-Resistant. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
33	Fluorescence quenching as a tool to investigate quinolone antibiotic interactions with bacterial protein OmpF. <i>Journal of Membrane Biology</i> , 2009 , 227, 133-40	2.3	6
32	Flurazepam inhibits the P-glycoprotein transport function: an insight to revert multidrug-resistance phenotype. <i>European Journal of Pharmacology</i> , 2008 , 581, 30-6	5.3	6
31	Effects of fluorine substitution on the solvatochromic behaviour of an iron(II)cyanide Schiff base complex. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994 , 90, 3071-3075		6
30	Anthocyanin-Related Pigments: Natural Allies for Skin Health Maintenance and Protection. <i>Antioxidants</i> , 2021 , 10,	7.1	6
29	Cyanidin-3-glucoside Lipophilic Conjugates for Topical Application: Tuning the Antimicrobial Activities with Fatty Acid Chain Length. <i>Processes</i> , 2021 , 9, 340	2.9	6
28	Bis-(4-methyl-4'-pentyl-2,2'-bipyridyl)(dicyano)iron(II): a versatile solvatochromic solvation probe. <i>Transition Metal Chemistry</i> , 2000 , 25, 283-286	2.1	5
27	"Clicking" an Ionic Liquid to a Potent Antimicrobial Peptide: On the Route towards Improved Stability. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
26	A New and Simple TRG Multiplex PCR Assay for Assessment of T-cell Clonality: A Comparative Study from the EuroClonality Consortium. <i>HemaSphere</i> , 2019 , 3, e255	0.3	5
25	Interlaboratory validation of an environmental monitoring method for trace analysis of endocrine disrupting compounds. <i>Analytical Methods</i> , 2012 , 4, 3724	3.2	4
24	Aqueous Equilibrium and Solution Structural Studies of the Interaction of N,N'-bis(4-imidazolymethyl)ethylenediamine with Ca(II), Cd(II), Co(II), Cu(II), Mg(II), Mn(II), Ni(II), Pb(II) and Zn(II) Metal Ions. <i>Journal of Solution Chemistry</i> , 2010 , 39, 1153-1167	1.8	4

23	Evidence of conformational changes in fulvic acids from dialysis. <i>Science of the Total Environment</i> , 1989 , 81-82, 489-499	10.2	4
22	Passive Diffusion of Ciprofloxacin and its Metalloantibiotic: A Computational and Experimental study. <i>Journal of Molecular Biology</i> , 2021 , 433, 166911	6.5	4
21	A new family of hydroxytyrosol phenolipids for the antioxidant protection of liposomal systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1863, 183505	3.8	4
20	How Insertion of a Single Tryptophan in the N-Terminus of a Cecropin A-Melittin Hybrid Peptide Changes Its Antimicrobial and Biophysical Profile. <i>Membranes</i> , 2021 , 11,	3.8	4
19	A fast way to track functional OmpF reconstitution in liposomes: Escherichia coli total lipid extract. <i>Analytical Biochemistry</i> , 2015 , 479, 54-9	3.1	3
18	Revealing cardiolipins influence in the construction of a significant mitochondrial membrane model. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 2465-2477	3.8	3
17	Potentiometric and UV-Visible Spectroscopic Studies of Cobalt(II), Copper(II), and Nickel(II) Complexes with N,N'-(S,S)-Bis[1-carboxy-2-(imidazol-4-yl)ethyl]ethylenediamine. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3410-3417	2.8	3
16	Complexation of M(buffer) x (OH) y Systems Involving Divalent Ions (Cobalt or Nickel) and Zwitterionic Biological Buffers (AMPSO, DIPSO, TAPS and TAPSO) in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2008 , 37, 603-617	1.8	3
15	Benzodiazepine-mediated structural changes in the multidrug transporter P-glycoprotein: an intrinsic fluorescence quenching analysis. <i>Journal of Membrane Biology</i> , 2008 , 223, 117-25	2.3	3
14	Fluoroquinolone Metalloantibiotics to Bypass Antimicrobial Resistance Mechanisms: Decreased Permeation through Porins. <i>Membranes</i> , 2020 , 11,	3.8	3
13	Data on Laurdan spectroscopic analyses to compare membrane fluidity between susceptible and multidrug-resistant bacteria. <i>Data in Brief</i> , 2018 , 21, 128-132	1.2	3
12	Effects of amphipathic profile regularization on structural order and interaction with membrane models of two highly cationic branched peptides with β -sheet propensity. <i>Peptides</i> , 2018 , 105, 28-36	3.8	3
11	Fluoroquinolone-Transition Metal Complexes: A Strategy to Overcome Bacterial Resistance. <i>Microorganisms</i> , 2021 , 9,	4.9	3
10	On the Development of a Cutaneous Flavonoid Delivery System: Advances and Limitations. <i>Antioxidants</i> , 2021 , 10,	7.1	3
9	Cardiolipin and phosphatidylethanolamine role in dibucaine interaction with the mitochondrial membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 1152-1161	3.8	2
8	Evaluation of the actual standard procedures for analysis of total extractable hydrocarbons in environmental water matrices. <i>Desalination</i> , 2011 , 273, 308-315	10.3	2
7	Pyranoanthocyanins Interfering with the Quorum Sensing of and. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
6	A method for functional mouse MDR3 P-glycoprotein reconstitution in Escherichia coli lipids. <i>Analytical Biochemistry</i> , 2005 , 338, 350-3	3.1	1

5	Exploring the permeation of fluoroquinolone metalloantibiotics across outer membrane porins by combining molecular dynamics simulations and a porin-mimetic in vitro model.. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1864, 183838	3.8	1
4	Caffeic acid phenolipids in the protection of cell membranes from oxidative injuries. Interaction with the membrane phospholipid bilayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1863, 183727	3.8	1
3	Evaluation of a worldwide EQA scheme for complex clonality analysis of clinical lymphoproliferative cases demonstrates a learning effect. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 , 479, 365-376	5.1	0
2	A colourful bond between art and chemistry. <i>Foundations of Chemistry</i> , 2017 , 19, 125-138	0.7	
1	"Real-World" Peripheral T-Cell Lymphomas Experience in Portugal: Is There Reason for Optimism?. <i>Blood</i> , 2019 , 134, 5287-5287	2.2	