

Wallance Moreira Pazin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The efficiency of photothermal action of gold shell-isolated nanoparticles against tumor cells depends on membrane interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112301.	5.0	7
2	Immunoassay platform with surface-enhanced resonance Raman scattering for detecting trace levels of SARS-CoV-2 spike protein. <i>Talanta</i> , 2022, 244, 123381.	5.5	17
3	The protective effect of Artepillin C against lipid oxidation on model membranes. <i>Journal of Molecular Liquids</i> , 2021, 324, 115089.	4.9	7
4	Langmuir-Schaefer Perylene Derivative Films: Influence of the Molecular Chemical Structure on the Supramolecular Arrangement. <i>Langmuir</i> , 2021, 37, 3836-3848.	3.5	2
5	Dengue fusion peptides in interaction with model membranes – a fluorescence study. <i>Eletica Quimica</i> , 2021, 46, 30-40.	0.5	0
6	Effects of insecticide acephate on membrane mimetic systems: The role played by electrostatic interactions with lipid polar headgroups. <i>Journal of Molecular Liquids</i> , 2021, 332, 115868.	4.9	12
7	Chemical and morphological effects of the contraceptive hormone 17 β -ethynylestradiol on fluid lipid membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111794.	5.0	3
8	Non-symmetric porphyrins encapsulated in liposomes: Tumor cell destruction via non-photodynamic activity. <i>Dyes and Pigments</i> , 2021, 195, 109746.	3.7	0
9	Luminescent imaging of insulin amyloid aggregation using a sensitive ruthenium-based probe in the red region. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111585.	3.5	2
10	Luminescent nanohybrids based on silica and silylated Ru(II)-Yb(III) heterobinuclear complex: new tools for biological media analysis. <i>Nanotechnology</i> , 2020, 31, 085709.	2.6	7
11	Near-infrared/visible-emitting nanosilica modified with silylated Ru(II) and Ln(III) complexes. <i>Nanotechnology</i> , 2020, 31, 035602.	2.6	7
12	Correlating mono- and bilayers of lipids to investigate the pronounced effects of steroid hormone 17 β -ethynylestradiol on membrane models of DPPC/cholesterol. <i>Journal of Molecular Liquids</i> , 2020, 311, 113324.	4.9	9
13	Perylene derivative films: Emission from higher singlet excited state. <i>Journal of Luminescence</i> , 2020, 226, 117478.	3.1	1
14	Vibrational Spectroscopic Characterization and Coherent Anti-Stokes Raman Spectroscopy (CARS) Imaging of Artepillin C. <i>Applied Spectroscopy</i> , 2020, 74, 751-757.	2.2	4
15	Correlating Artepillin C cytotoxic activity on HEp-2 cells with bioinspired systems of plasma membranes. <i>Materials Science and Engineering C</i> , 2020, 112, 110943.	7.3	10
16	Bioactivity and action mechanism of green propolis against <i>Pythium aphanidermatum</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180598.	0.8	5
17	Laurdan as fluorescent probe to determinate the critical micelle temperature of polymers from Pluronic®-coated fluid phase liposomes. <i>Journal of Molecular Liquids</i> , 2019, 294, 111562.	4.9	6
18	pH and Charge Effects Behind the Interaction of Artepillin C, the Major Component of Green Propolis, With Amphiphilic Aggregates: Optical Absorption and Fluorescence Spectroscopy Studies. <i>Photochemistry and Photobiology</i> , 2019, 95, 1345-1351.	2.5	5

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19	Interface-driven Sr-morin complexation at Langmuir monolayers for bioactive coating design. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 856-863.	5.0	5
20	Effects of artemisinin C on model membranes displaying liquid immiscibility. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8281.	1.5	2
21	Interaction of Artemisinin C with model membranes: Effects of pH and ionic strength. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 410-417.	2.6	11
22	Photoluminescent properties in perylene PVD films: Influence of molecular aggregates and supramolecular arrangement. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 221-226.	3.9	6
23	Optical absorption and fluorescence spectroscopy studies of Artemisinin C, the major component of green propolis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 198, 71-77.	3.9	13
24	Influence of the Medium on the Photochemical and Photophysical Properties of [Ru(phen) ₂ (pPDIp)] ²⁺ . <i>ChemPhotoChem</i> , 2018, 2, 757-764.	3.0	5
25	Photophysical properties of flavonoids extracted from <i>Syngonanthus nitens</i> , the golden grass. <i>Journal of Luminescence</i> , 2018, 194, 394-400.	3.1	12
26	Antioxidant activities of three stingless bee propolis and green propolis types. <i>Journal of Apicultural Research</i> , 2017, 56, 40-49.	1.5	26
27	Acridine orange interaction with DNA: Effect of ionic strength. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 900-909.	2.4	18
28	Biophysical studies suggest a new structural arrangement of crotoxin and provide insights into its toxic mechanism. <i>Scientific Reports</i> , 2017, 7, 43885.	3.3	20
29	Interaction of Artemisinin C with model membranes. <i>European Biophysics Journal</i> , 2017, 46, 383-393.	2.2	14
30	Relationship between porphyrin aggregation and formation of porphyrin ring structures in poly(n-alkyl methacrylate)/porphyrin blends. <i>Polymer</i> , 2016, 102, 136-142.	3.8	11
31	Luminescent Ru(II) Phenanthroline Complexes as a Probe for Real-Time Imaging of A β ² Self-Aggregation and Therapeutic Applications in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9215-9227.	6.4	35
32	Miltefosine-loaded lipid nanoparticles: Improving miltefosine stability and reducing its hemolytic potential toward erythrocytes and its cytotoxic effect on macrophages. <i>Biophysical Chemistry</i> , 2016, 217, 20-31.	2.8	33
33	A new homoleptic coordination compound of ruthenium and norfloxacin and its interaction with human serum albumin. <i>Inorganic Chemistry Communication</i> , 2016, 63, 96-100.	3.9	8
34	Fluorescence depolarization analysis of thermal phase transition in DPPC and DMPG aqueous dispersions. <i>Journal of Luminescence</i> , 2015, 158, 153-159.	3.1	17
35	Insights on the structure of native CNF, an endogenous phospholipase A2 inhibitor from <i>Crotalus durissus terrificus</i> , the South American rattlesnake. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1569-1579.	2.3	14
36	Comparison between cucurbiturils and β -cyclodextrin interactions with cholesterol molecules present in Langmuir monolayers used as a biomembrane model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 398-406.	5.0	13

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37	Interaction of a synthetic antimicrobial peptide with model membrane by fluorescence spectroscopy. European Biophysics Journal, 2013, 42, 819-831.	2.2	20
38	Near-Infrared Luminescence from Visible-Light-Sensitized Ruthenium(II)–Neodymium(III) Heterobimetallic Bridged Complexes Containing Alkoxy(silyl) Functional Groups. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
39	Bidentate Coordination of 2Apy in cis-[Ru(phen)2(2Apy)] ²⁺ Aiming at Photobiological Studies. European Journal of Inorganic Chemistry, 0, , .	2.0	1