

Romeu A Videira

List of Publications by Year in descending order

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56
papers

1,246
citations

394286

19
h-index

395590

33
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56
all docs

56
docs citations

56
times ranked

1867
citing authors

#	ARTICLE	IF	CITATIONS
1	Honey from Luso region (Portugal): Physicochemical characteristics and mineral contents. <i>Microchemical Journal</i> , 2009, 93, 73-77.	2.3	164
2	Cardiolipin Profile Changes are Associated to the Early Synaptic Mitochondrial Dysfunction in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1375-1392.	1.2	90
3	Chemistry and ecotoxicity of heat-treated pine wood extractives. <i>Wood Science and Technology</i> , 2011, 45, 661-676.	1.4	81
4	Changes induced by malathion, methylparathion and parathion on membrane lipid physicochemical properties correlate with their toxicity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1511, 360-368.	1.4	77
5	Effects of parathion on membrane organization and its implications for the mechanisms of toxicity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1190, 149-154.	1.4	65
6	Interaction of Fullerene Nanoparticles With Biomembranes: From the Partition in Lipid Membranes to Effects on Mitochondrial Bioenergetics. <i>Toxicological Sciences</i> , 2014, 138, 117-129.	1.4	53
7	A new insight on elderberry anthocyanins bioactivity: Modulation of mitochondrial redox chain functionality and cell redox state. <i>Journal of Functional Foods</i> , 2019, 56, 145-155.	1.6	38
8	Beneficial effects of white wine polyphenols-enriched diet on Alzheimer's disease-like pathology. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 165-177.	1.9	36
9	Berry anthocyanin-based films in smart food packaging: A mini-review. <i>Food Hydrocolloids</i> , 2022, 133, 107885.	5.6	35
10	Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems. <i>Toxicology in Vitro</i> , 2009, 23, 1585-1590.	1.1	34
11	Studies on the toxicity of an aqueous suspension of C60 nanoparticles using a bacterium (gen.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 142-143, 347-354.	1.9	34
12	Perturbations induced by $\hat{1}\pm$ - and $\hat{1}^2$ -endosulfan in lipid membranes: a DSC and fluorescence polarization study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1419, 151-163.	1.4	31
13	Diet during early life defines testicular lipid content and sperm quality in adulthood. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E1061-E1073.	1.8	28
14	Partition of DDE in synthetic and native membranes determined by ultraviolet derivative spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1238, 22-28.	1.4	26
15	Tacrine and its analogues impair mitochondrial function and bioenergetics: a lipidomic analysis in rat brain. <i>Journal of Neurochemistry</i> , 2012, 120, 998-1013.	2.1	26
16	Age-Dependent Biochemical Dysfunction in Skeletal Muscle of Triple- Transgenic Mouse Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 12, 100-115.	0.7	22
17	Extraction of phospholipid-rich fractions from egg yolk and development of liposomes entrapping a dietary polyphenol with neuroactive potential. <i>Food and Chemical Toxicology</i> , 2019, 133, 110749.	1.8	22
18	Biophysical perturbations induced by ethylazinhos in lipid membranes. <i>Chemistry and Physics of Lipids</i> , 1999, 97, 139-153.	1.5	21

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19	Amiodarone effects on membrane organization evaluated by fluorescence polarization. <i>International Journal of Cardiology</i> , 1995, 48, 211-218.	0.8	20
20	Interaction of ethylaziphos with the physical organization of model and native membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1281, 65-72.	1.4	20
21	In vitro multimodal-effect of <i>Trichilia catigua</i> A. Juss. (Meliaceae) bark aqueous extract in CNS targets. <i>Journal of Ethnopharmacology</i> , 2018, 211, 247-255.	2.0	20
22	Glycosphingolipids and oxidative stress: Evaluation of hydroxyl radical oxidation of galactosyl and lactosylceramides using mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 106-114.	1.5	17
23	Ethylaziphos Interaction with Membrane Lipid Organization Induces Increase of Proton Permeability and Impairment of Mitochondrial Bioenergetic Functions. <i>Toxicology and Applied Pharmacology</i> , 2001, 175, 209-216.	1.3	16
24	Anti-Inflammatory Effects of 5 α ,8 α -Epidioxycholest-6-en-3 β -ol, a Steroidal Endoperoxide Isolated from <i>Aplysia depilans</i> , Based on Bioguided Fractionation and NMR Analysis. <i>Marine Drugs</i> , 2019, 17, 330.	2.2	16
25	Herbicides: the Face and the Reverse of the Coin. An in Vitro Approach to the Toxicity of Herbicides in Non-Target Organisms. , 0, , .		15
26	Cerebrocrast promotes the cotransport of H ⁺ and Cl ⁻ in rat liver mitochondria. <i>Mitochondrion</i> , 2005, 5, 341-351.	1.6	13
27	Polymer encapsulated scorpionate Eu ³⁺ complexes as novel hybrid materials for high performance luminescence applications. <i>RSC Advances</i> , 2015, 5, 35675-35682.	1.7	13
28	Use of Parabens (Methyl and Butyl) during the Gestation Period: Mitochondrial Bioenergetics of the Testes and Antioxidant Capacity Alterations in Testes and Other Vital Organs of the F1 Generation. <i>Antioxidants</i> , 2020, 9, 1302.	2.2	13
29	Improving pollutants environmental risk assessment using a multi model toxicity determination with in vitro, bacterial, animal and plant model systems: The case of the herbicide alachlor. <i>Environmental Pollution</i> , 2021, 286, 117239.	3.7	13
30	Toxicity of the herbicide linuron as assessed by bacterial and mitochondrial model systems. <i>Toxicology in Vitro</i> , 2014, 28, 932-939.	1.1	12
31	Membrane lipid profile alterations are associated with the metabolic adaptation of the Caco-2 cells to aglycemic nutritional condition. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 45-57.	1.0	12
32	<i>Trichilia catigua</i> and <i>Turnera diffusa</i> extracts: In vitro inhibition of tyrosinase, antiglycation activity and effects on enzymes and pathways engaged in the neuroinflammatory process. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113865.	2.0	12
33	Inherited Metabolic Memory of High-Fat Diet Impairs Testicular Fatty Acid Content and Sperm Parameters. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100680.	1.5	12
34	Cardiolipin and oxidative stress: Identification of new short chain oxidation products of cardiolipin in in vitro analysis and in nephrotoxic drug-induced disturbances in rat kidney tissue. <i>International Journal of Mass Spectrometry</i> , 2011, 301, 62-73.	0.7	11
35	Non-Selective Toxicological Effects of the Insect Juvenile Hormone Analogue Methoprene. A Membrane Biophysical Approach. <i>Applied Biochemistry and Biotechnology</i> , 2008, 150, 243-257.	1.4	10
36	One-Step Cathodic and Anodic Synthesis of Hydrophilic Carbon Nanomaterials. <i>ChemElectroChem</i> , 2017, 4, 2693-2702.	1.7	10

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37	Toxicity and structure-activity relationship (SAR) of $\hat{1}\pm, \hat{1}^2$ -dehydroamino acids against human cancer cell lines. <i>Toxicology in Vitro</i> , 2018, 47, 26-37.	1.1	10
38	Adding value to polyvinylpyrrolidone winery residue: A resource of polyphenols with neuroprotective effects and ability to modulate type 2 diabetes-relevant enzymes. <i>Food Chemistry</i> , 2020, 329, 127168.	4.2	10
39	Valorisation of kitul, an overlooked food plant: Phenolic profiling of fruits and inflorescences and assessment of their effects on diabetes-related targets. <i>Food Chemistry</i> , 2021, 342, 128323.	4.2	10
40	A nanophytosomes formulation based on elderberry anthocyanins and Codium lipids to mitigate mitochondrial dysfunctions. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112157.	2.5	10
41	An egg yolkâ€™s phospholipid-pennyroyal nootropic nanoformulation modulates monoamino oxidase-A (MAO-A) activity in SH-SY5Y neuronal model. <i>Journal of Functional Foods</i> , 2018, 46, 335-344.	1.6	9
42	Propofol affinity to mitochondrial membranes does not alter mitochondrial function. <i>European Journal of Pharmacology</i> , 2017, 803, 48-56.	1.7	8
43	Dual Behaviour of Amorphous Carbon Released Electrochemically from Graphite. <i>ChemistrySelect</i> , 2016, 1, 4126-4130.	0.7	7
44	Carvedilol exacerbate gentamicin-induced kidney mitochondrial alterations in adult rat. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 83-92.	2.1	7
45	Mitochondria research and neurodegenerative diseases: On the track to understanding the biological world of high complexity. <i>Mitochondrion</i> , 2022, 65, 67-79.	1.6	7
46	Differential effects induced by $\hat{1}\pm$ - and $\hat{1}^2$ -endosulfan in lipid bilayer organization are reflected in proton permeability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 140-148.	1.4	6
47	Hydrophilic Carbon Nanomaterials: Characterisation by Physical, Chemical, and Biological Assays. <i>ChemMedChem</i> , 2019, 14, 699-711.	1.6	6
48	Impact of Herbicides on Non-Target Organisms in Sustainable Irrigated Rice Production Systems: State of Knowledge and Future Prospects. , 0, , .		5
49	Cholesterol Modulates Amiodarone-Membrane Interactions in Model and Native Membranes. <i>Applied Biochemistry and Biotechnology</i> , 2002, 97, 23-32.	1.4	4
50	Parabens enhance the calciumâ€dependent testicular mitochondrial permeability transition: Their relevance on the reproductive capacity in male animals. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22661.	1.4	4
51	Trichilia catigua and Turnera diffusa phyto-phospholipid nanostructures: Physicochemical characterization and bioactivity in cellular models of induced neuroinflammation and neurotoxicity. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121774.	2.6	4
52	Topical fixed-dose combinations: Current in vitro methodologies for pre-clinical development. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121621.	2.6	1
53	Homarine Alkyl Ester Derivatives as Promising Acetylcholinesterase Inhibitors. <i>ChemMedChem</i> , 2021, 16, 3315-3325.	1.6	0
54	Osteocyte metabolism on post-menopausal bone loss and role of hormone replacement therapy. <i>Bone Abstracts</i> , 0, , .	0.0	0

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55	High-Fat Diet Promotes a Pro-Inflammatory Environment in Testis and Inhibits Antioxidant Defenses in the Progeny. Medical Sciences Forum, 2020, 2, .	0.5	0
56	In vivo methodologies to assist preclinical development of topical fixed-dose combinations for pain management. International Journal of Pharmaceutics, 2022, 616, 121530.	2.6	0