AmÃ¡lia S Jurado

List of Publications by Year
in descending order

55 papers	1,143 citations	331259 21 h-index	433756 31 g-index
55 all docs	55 docs citations	55 times ranked	1913 citing authors

#	Article	IF	Citations
1	Downregulation of long non-protein coding RNA MVIH impairs glioblastoma cell proliferation and invasion through an miR-302a-dependent mechanism. Human Molecular Genetics, 2021, 30, 46-64.	1.4	6
2	Exploratory Data Analysis of Cell and Mitochondrial High-Fat, High-Sugar Toxicity on Human HepG2 Cells. Nutrients, 2021, 13, 1723.	1.7	8
3	MiR-200c-based metabolic modulation in glioblastoma cells as a strategy to overcome tumor chemoresistance. Human Molecular Genetics, 2021, 30, 2315-2331.	1.4	2
4	Improving pollutants environmental risk assessment using a multi model toxicity determination with inÂvitro, bacterial, animal and plant model systems: The case of the herbicide alachlor. Environmental Pollution, 2021, 286, 117239.	3.7	13
5	Differentiation of glioblastoma stem cells promoted by miR-128 or miR-302a overexpression enhances senescence-associated cytotoxicity of axitinib. Human Molecular Genetics, 2021, 30, 160-171.	1.4	7
6	Physicochemical characterization and targeting performance of triphenylphosphonium nano-polyplexes. Journal of Molecular Liquids, 2020, 316, 113873.	2.3	12
7	Lauroylated Histidine-Enriched S413-PV Peptide as an Efficient Gene Silencing Mediator in Cancer Cells. Pharmaceutical Research, 2020, 37, 188.	1.7	6
8	Lysosomal Storage Disease-Associated Neuropathy: Targeting Stable Nucleic Acid Lipid Particle (SNALP)-Formulated siRNAs to the Brain as a Therapeutic Approach. International Journal of Molecular Sciences, 2020, 21, 5732.	1.8	5
9	Dual Imaging Gold Nanoplatforms for Targeted Radiotheranostics. Materials, 2020, 13, 513.	1.3	15
10	Glucosylceramide synthase silencing combined with the receptor tyrosine kinase inhibitor axitinib as a new multimodal strategy for glioblastoma. Human Molecular Genetics, 2019, 28, 3664-3679.	1.4	7
11	MiR-144 overexpression as a promising therapeutic strategy to overcome glioblastoma cell invasiveness and resistance to chemotherapy. Human Molecular Genetics, 2019, 28, 2738-2751.	1.4	17
12	Toxicity of lupane derivatives on anionic membrane models, isolated rat mitochondria and selected human cell lines: Role of terminal alkyl chains. Chemico-Biological Interactions, 2018, 296, 198-210.	1.7	5
13	Acylation of the S413-PV cell-penetrating peptide as a means of enhancing its capacity to mediate nucleic acid delivery: Relevance of peptide/lipid interactions. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2619-2634.	1.4	9
14	Errors in protein synthesis increase the level of saturated fatty acids and affect the overall lipid profiles of yeast. PLoS ONE, 2018, 13, e0202402.	1.1	5
15	High-throughput screening uncovers miRNAs enhancing glioblastoma cell susceptibility to tyrosine kinase inhibitors. Human Molecular Genetics, 2017, 26, 4375-4387.	1.4	23
16	Gene delivery mediated by gemini surfactants. , 2016, , 227-256.		1
17	Enhancing glioblastoma cell sensitivity to chemotherapeutics: A strategy involving survivin gene silencing mediated by gemini surfactant-based complexes. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 7-18.	2.0	16
18	Recent Trends in Nanotechnology Toward CNS Diseases. International Review of Neurobiology, 2016, 130, 1-40.	0.9	15

#	ARTICLE	IF	CITATIONS
19	Gemini Surfactants Mediate Efficient Mitochondrial Gene Delivery and Expression. Molecular Pharmaceutics, 2015, 12, 716-730.	2.3	52
20	New serine-derived gemini surfactants as gene delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 347-356.	2.0	33
21	Toxicity of the herbicide linuron as assessed by bacterial and mitochondrial model systems. Toxicology in Vitro, 2014, 28, 932-939.	1.1	12
22	Interaction of Fullerene Nanoparticles With Biomembranes: From the Partition in Lipid Membranes to Effects on Mitochondrial Bioenergetics. Toxicological Sciences, 2014, 138, 117-129.	1.4	53
23	Bis-quaternary gemini surfactants as components of nonviral gene delivery systems: A comprehensive study from physicochemical properties to membrane interactions. International Journal of Pharmaceutics, 2014, 474, 57-69.	2.6	34
24	Sustained Release of Naltrexone from Poly(Nâ€Isopropylacrylamide) Microgels. Journal of Pharmaceutical Sciences, 2014, 103, 227-234.	1.6	13
25	Application of Thermoresponsive PNIPAAM-b-PAMPTMA Diblock Copolymers in siRNA Delivery. Molecular Pharmaceutics, 2014, 11, 819-827.	2.3	23
26	Mitochondrial Membrane Lipids in Life and Death and their Molecular Modulation by Diet: Tuning the Furnace. Current Drug Targets, 2014, 15, 797-810.	1.0	10
27	Rapeseed oil-rich diet alters hepatic mitochondrial membrane lipid composition and disrupts bioenergetics. Archives of Toxicology, 2013, 87, 2151-2163.	1.9	22
28	Mitochondrial membrane lipid remodeling in pathophysiology: A new target for diet and therapeutic interventions. Progress in Lipid Research, 2013, 52, 513-528.	5.3	80
29	Studies on the toxicity of an aqueous suspension of C60 nanoparticles using a bacterium (gen.) Tj ETQq1 1 0.784314 rgBT /Overlock 1 142-143, 347-354.	1.9	34
30	Rapeseed oil-rich diet alters in vitro menadione and nimesulide hepatic mitochondrial toxicity. Food and Chemical Toxicology, 2013, 60, 479-487.	1.8	2
31	Synthesis of Gemini Surfactants and Evaluation of Their Interfacial and Cytotoxic Properties: Exploring the Multifunctionality of Serine as Headgroup. European Journal of Organic Chemistry, 2013, 2013, 1758-1769.	1.2	42
32	A biophysical approach to menadione membrane interactions: Relevance for menadione-induced mitochondria dysfunction and related deleterious/therapeutic effects. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1899-1908.	1.4	30
33	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. International Journal of Pharmaceutics, 2013, 448, 105-114.	2.6	35
34	Comparison of the Efficiency of Complexes Based on S4₁₃-PV Cell-Penetrating Peptides in Plasmid DNA and siRNA Delivery. Molecular Pharmaceutics, 2013, 10, 2653-2666.	2.3	17
35	In vitro cytotoxicity of a thermoresponsive gel system combining ethyl(hydroxyethyl) cellulose and lysine-based surfactants. Colloids and Surfaces B: Biointerfaces, 2013, 102, 682-686.	2.5	24
36	Cell-penetrating Peptides as Nucleic Acid Delivery Systems: From Biophysics to Biological Applications. Current Pharmaceutical Design, 2013, 19, 2895-2923.	0.9	26

#	ARTICLE	IF	CITATIONS
37	Cell-Penetrating Peptide-Based Systems for Nucleic Acid Delivery. Methods in Enzymology, 2012, 509, 277-300.	0.4	9
38	Thermoresponsive hydrogels with low toxicity from mixtures of ethyl(hydroxyethyl) cellulose and arginine-based surfactants. International Journal of Pharmaceutics, 2012, 436, 454-462.	2.6	26
39	S4(13)-PV cell-penetrating peptide induces physical and morphological changes in membrane-mimetic lipid systems and cell membranes: Implications for cell internalization. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 877-888.	1.4	39
40	Gemini surfactant dimethylene-1,2-bis(tetradecyldimethylammonium bromide)-based gene vectors: A biophysical approach to transfection efficiency. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 341-351.	1.4	42
41	Nimesulide interaction with membrane model systems: Are membrane physical effects involved in nimesulide mitochondrial toxicity?. Toxicology in Vitro, 2011, 25, 1215-1223.	1.1	22
42	Interaction of carbonylcyanide p-trifluoromethoxyphenylhydrazone (FCCP) with lipid membrane systems: a biophysical approach with relevance to mitochondrial uncoupling. Journal of Bioenergetics and Biomembranes, 2011, 43, 287-298.	1.0	17
43	The effect of cationic gemini surfactants upon lipid membranes. An experimental and molecular dynamics simulation study. Physical Chemistry Chemical Physics, 2010, 12, 14462.	1.3	41
44	Controlling the Morphology in DNA Condensation and Precipitation. Biomacromolecules, 2009, 10, 1319-1323.	2.6	30
45	Toxicity assessment of the herbicide metolachlor comparative effects on bacterial and mitochondrial model systems. Toxicology in Vitro, 2009, 23, 1585-1590.	1.1	34
46	Non-Selective Toxicological Effects of the Insect Juvenile Hormone Analogue Methoprene. A Membrane Biophysical Approach. Applied Biochemistry and Biotechnology, 2008, 150, 243-257.	1.4	10
47	Comparative effects of three 1,4-dihydropyridine derivatives [OSI-1210, OSI-1211 (etaftoron), and OSI-3802] on rat liver mitochondrial bioenergetics and on the physical properties of membrane lipid bilayers: Relevance to the length of the alkoxyl chain in positions 3 and 5 of the DHP ring. Chemico-Biological Interactions, 2008, 173, 195-204.	1.7	19
48	Cerebrocrast promotes the cotransport of H+ and Clâ^' in rat liver mitochondria. Mitochondrion, 2005, 5, 341-351.	1.6	13
49	Amiodarone Interactions with Membrane Lipids and with Growth of Bacillus stearothermophilus Used as a Model. Applied Biochemistry and Biotechnology, 2000, 87, 165-176.	1.4	14
50	Toxicity Assessment of Tamoxifen by Means of a Bacterial Model. Applied Biochemistry and Biotechnology, 2000, 87, 219-232.	1.4	9
51	Lipid composition and dynamics of cell membranes of Bacillus stearothermophilus adapted to amiodarone. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2000, 1487, 286-295.	1.2	19
52	Lipid composition changes induced by tamoxifen in a bacterial model system. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1369, 71-84.	1.4	22
53	Physical studies on membrane lipids of Bacillus stearothermophilus temperature and calcium effects. Archives of Biochemistry and Biophysics, 1991, 289, 167-179.	1.4	40
54	Fluidity of bacterial membrane lipids monitored by intramolecular excimerization of 1,3-di(2-pyrenyl)propane. Biochemical and Biophysical Research Communications, 1991, 176, 356-363.	1.0	10

#	Article	IF	Citations
55	Composition of polar lipid acyl chains of Bacillus stearothermophilus as affected by temperature and calcium. Lipids and Lipid Metabolism, 1990, 1045, 17-20.	2.6	13