

Amã;lia S Jurado

List of Publications by Year in descending order

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55
papers

1,143
citations

331259

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433756

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55
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55
docs citations

55
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial membrane lipid remodeling in pathophysiology: A new target for diet and therapeutic interventions. <i>Progress in Lipid Research</i> , 2013, 52, 513-528.	5.3	80
2	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
3	Gemini Surfactants Mediate Efficient Mitochondrial Gene Delivery and Expression. <i>Molecular Pharmaceutics</i> , 2015, 12, 716-730.	2.3	52
4	Gemini surfactant dimethylene-1,2-bis(tetradecyldimethylammonium bromide)-based gene vectors: A biophysical approach to transfection efficiency. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 341-351.	1.4	42
5	Synthesis of Gemini Surfactants and Evaluation of Their Interfacial and Cytotoxic Properties: Exploring the Multifunctionality of Serine as Headgroup. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1758-1769.	1.2	42
6	The effect of cationic gemini surfactants upon lipid membranes. An experimental and molecular dynamics simulation study. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14462.	1.3	41
7	Physical studies on membrane lipids of <i>Bacillus stearothermophilus</i> temperature and calcium effects. <i>Archives of Biochemistry and Biophysics</i> , 1991, 289, 167-179.	1.4	40
8	S4(13)-PV cell-penetrating peptide induces physical and morphological changes in membrane-mimetic lipid systems and cell membranes: Implications for cell internalization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 877-888.	1.4	39
9	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. <i>International Journal of Pharmaceutics</i> , 2013, 448, 105-114.	2.6	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 (<i>gen.</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 142-143, 347-354.	1.9	34
12	Bis-quaternary gemini surfactants as components of nonviral gene delivery systems: A comprehensive study from physicochemical properties to membrane interactions. <i>International Journal of Pharmaceutics</i> , 2014, 474, 57-69.	2.6	34
13	New serine-derived gemini surfactants as gene delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 347-356.	2.0	33
14	Controlling the Morphology in DNA Condensation and Precipitation. <i>Biomacromolecules</i> , 2009, 10, 1319-1323.	2.6	30
15	A biophysical approach to menadione membrane interactions: Relevance for menadione-induced mitochondria dysfunction and related deleterious/therapeutic effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1899-1908.	1.4	30
16	Thermoresponsive hydrogels with low toxicity from mixtures of ethyl(hydroxyethyl) cellulose and arginine-based surfactants. <i>International Journal of Pharmaceutics</i> , 2012, 436, 454-462.	2.6	26
17	Cell-penetrating Peptides as Nucleic Acid Delivery Systems: From Biophysics to Biological Applications. <i>Current Pharmaceutical Design</i> , 2013, 19, 2895-2923.	0.9	26
18	In vitro cytotoxicity of a thermoresponsive gel system combining ethyl(hydroxyethyl) cellulose and lysine-based surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 682-686.	2.5	24

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19	Application of Thermoresponsive PNIPAAm-PAMPTMA Diblock Copolymers in siRNA Delivery. <i>Molecular Pharmaceutics</i> , 2014, 11, 819-827.	2.3	23
20	High-throughput screening uncovers miRNAs enhancing glioblastoma cell susceptibility to tyrosine kinase inhibitors. <i>Human Molecular Genetics</i> , 2017, 26, 4375-4387.	1.4	23
21	Lipid composition changes induced by tamoxifen in a bacterial model system. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1369, 71-84.	1.4	22
22	Nimesulide interaction with membrane model systems: Are membrane physical effects involved in nimesulide mitochondrial toxicity?. <i>Toxicology in Vitro</i> , 2011, 25, 1215-1223.	1.1	22
23	Rapeseed oil-rich diet alters hepatic mitochondrial membrane lipid composition and disrupts bioenergetics. <i>Archives of Toxicology</i> , 2013, 87, 2151-2163.	1.9	22
24	Lipid composition and dynamics of cell membranes of <i>Bacillus stearothermophilus</i> adapted to amiodarone. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1487, 286-295.	1.2	19
25	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 alkoxy chain in positions 3 and 5 of the DHP ring. <i>Chemico-Biological Interactions</i> , 2008, 173, 195-204.	1.7	19
26	Interaction of carbonylcyanide p-trifluoromethoxyphenylhydrazone (FCCP) with lipid membrane systems: a biophysical approach with relevance to mitochondrial uncoupling. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 287-298.	1.0	17
27	Comparison of the Efficiency of Complexes Based on S4 ₁₃ -PV Cell-Penetrating Peptides in Plasmid DNA and siRNA Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 2653-2666.	2.3	17
28	MiR-144 overexpression as a promising therapeutic strategy to overcome glioblastoma cell invasiveness and resistance to chemotherapy. <i>Human Molecular Genetics</i> , 2019, 28, 2738-2751.	1.4	17
29	Enhancing glioblastoma cell sensitivity to chemotherapeutics: A strategy involving survivin gene silencing mediated by gemini surfactant-based complexes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 7-18.	2.0	16
30	Recent Trends in Nanotechnology Toward CNS Diseases. <i>International Review of Neurobiology</i> , 2016, 130, 1-40.	0.9	15
31	Dual Imaging Gold Nanoplatforms for Targeted Radiotheranostics. <i>Materials</i> , 2020, 13, 513.	1.3	15
32	Amiodarone Interactions with Membrane Lipids and with Growth of <i>Bacillus stearothermophilus</i> Used as a Model. <i>Applied Biochemistry and Biotechnology</i> , 2000, 87, 165-176.	1.4	14
33	Composition of polar lipid acyl chains of <i>Bacillus stearothermophilus</i> as affected by temperature and calcium. <i>Lipids and Lipid Metabolism</i> , 1990, 1045, 17-20.	2.6	13
34	Cerebrocrast promotes the cotransport of H ⁺ and Cl ⁻ in rat liver mitochondria. <i>Mitochondrion</i> , 2005, 5, 341-351.	1.6	13
35	Sustained Release of Naltrexone from Poly(N-isopropylacrylamide) Microgels. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 227-234.	1.6	13
36	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

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37	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
38	Physicochemical characterization and targeting performance of triphenylphosphonium nano-polyplexes. <i>Journal of Molecular Liquids</i> , 2020, 316, 113873.	2.3	12
39	Fluidity of bacterial membrane lipids monitored by intramolecular excimerization of 1,3-di(2-pyrenyl)propane. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 356-363.	1.0	10
40	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
41	Mitochondrial Membrane Lipids in Life and Death and their Molecular Modulation by Diet: Tuning the Furnace. <i>Current Drug Targets</i> , 2014, 15, 797-810.	1.0	10
42	Toxicity Assessment of Tamoxifen by Means of a Bacterial Model. <i>Applied Biochemistry and Biotechnology</i> , 2000, 87, 219-232.	1.4	9
43	Cell-Penetrating Peptide-Based Systems for Nucleic Acid Delivery. <i>Methods in Enzymology</i> , 2012, 509, 277-300.	0.4	9
44	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. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2619-2634.	1.4	9
45	Exploratory Data Analysis of Cell and Mitochondrial High-Fat, High-Sugar Toxicity on Human HepG2 Cells. <i>Nutrients</i> , 2021, 13, 1723.	1.7	8
46	Glucosylceramide synthase silencing combined with the receptor tyrosine kinase inhibitor axitinib as a new multimodal strategy for glioblastoma. <i>Human Molecular Genetics</i> , 2019, 28, 3664-3679.	1.4	7
47	Differentiation of glioblastoma stem cells promoted by miR-128 or miR-302a overexpression enhances senescence-associated cytotoxicity of axitinib. <i>Human Molecular Genetics</i> , 2021, 30, 160-171.	1.4	7
48	Lauroylated Histidine-Enriched S413-PV Peptide as an Efficient Gene Silencing Mediator in Cancer Cells. <i>Pharmaceutical Research</i> , 2020, 37, 188.	1.7	6
49	Downregulation of long non-protein coding RNA MVIH impairs glioblastoma cell proliferation and invasion through an miR-302a-dependent mechanism. <i>Human Molecular Genetics</i> , 2021, 30, 46-64.	1.4	6
50	Toxicity of lupane derivatives on anionic membrane models, isolated rat mitochondria and selected human cell lines: Role of terminal alkyl chains. <i>Chemico-Biological Interactions</i> , 2018, 296, 198-210.	1.7	5
51	Errors in protein synthesis increase the level of saturated fatty acids and affect the overall lipid profiles of yeast. <i>PLoS ONE</i> , 2018, 13, e0202402.	1.1	5
52	Lysosomal Storage Disease-Associated Neuropathy: Targeting Stable Nucleic Acid Lipid Particle (SNALP)-Formulated siRNAs to the Brain as a Therapeutic Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5732.	1.8	5
53	Rapeseed oil-rich diet alters in vitro menadione and nimesulide hepatic mitochondrial toxicity. <i>Food and Chemical Toxicology</i> , 2013, 60, 479-487.	1.8	2
54	MiR-200c-based metabolic modulation in glioblastoma cells as a strategy to overcome tumor chemoresistance. <i>Human Molecular Genetics</i> , 2021, 30, 2315-2331.	1.4	2

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55	Gene delivery mediated by gemini surfactants. , 2016, , 227-256.		1