

Maria C Pedroso de Lima

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8064267/publications.pdf>

Version: 2024-02-01

147
papers

7,736
citations

47006

47
h-index

58581

82
g-index

147
all docs

147
docs citations

147
times ranked

9394
citing authors

#	ARTICLE	IF	CITATIONS
1	On the formulation of pH-sensitive liposomes with long circulation times. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 947-965.	13.7	440
2	Cationic lipid-DNA complexes in gene delivery: from biophysics to biological applications. <i>Advanced Drug Delivery Reviews</i> , 2001, 47, 277-294.	13.7	346
3	miR-155 modulates microglia-mediated immune response by downregulating SOCS1 and promoting cytokine and nitric oxide production. <i>Immunology</i> , 2012, 135, 73-88.	4.4	283
4	Cell-Penetrating Peptides-Mechanisms of Cellular Uptake and Generation of Delivery Systems. <i>Pharmaceuticals</i> , 2010, 3, 961-993.	3.8	255
5	Cationic liposomes for gene delivery. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 237-254.	5.0	234
6	Sterically Stabilized pH-sensitive Liposomes, INTRACELLULAR DELIVERY OF AQUEOUS CONTENTS AND PROLONGED CIRCULATION IN VIVO. <i>Journal of Biological Chemistry</i> , 1997, 272, 2382-2388.	3.4	208
7	Lipid-Based Nanoparticles for siRNA Delivery in Cancer Therapy: Paradigms and Challenges. <i>Accounts of Chemical Research</i> , 2012, 45, 1163-1171.	15.6	199
8	Gene delivery by negatively charged ternary complexes of DNA, cationic liposomes and transferrin or fusogenic peptides. <i>Gene Therapy</i> , 1998, 5, 955-964.	4.5	189
9	Suicide gene therapy in cancer: Where do we stand now?. <i>Cancer Letters</i> , 2012, 324, 160-170.	7.2	179
10	Mechanisms of gene transfer mediated by lipoplexes associated with targeting ligands or pH-sensitive peptides. <i>Gene Therapy</i> , 1999, 6, 1798-1807.	4.5	168
11	MiRNA-21 silencing mediated by tumor-targeted nanoparticles combined with sunitinib: A new multimodal gene therapy approach for glioblastoma. <i>Journal of Controlled Release</i> , 2015, 207, 31-39.	9.9	167
12	In Situ Forming Chitosan Hydrogels Prepared via Ionic/Covalent Co-Cross-Linking. <i>Biomacromolecules</i> , 2011, 12, 3275-3284.	5.4	165
13	Cationic Liposomes for Gene Delivery: From Biophysics to Biological Applications. <i>Current Medicinal Chemistry</i> , 2003, 10, 1221-1231.	2.4	152
14	Allele-Specific RNA Silencing of Mutant Ataxin-3 Mediates Neuroprotection in a Rat Model of Machado-Joseph Disease. <i>PLoS ONE</i> , 2008, 3, e3341.	2.5	141
15	Early miR-155 upregulation contributes to neuroinflammation in Alzheimer's disease triple transgenic mouse model. <i>Human Molecular Genetics</i> , 2014, 23, 6286-6301.	2.9	133
16	Human serum albumin enhances DNA transfection by lipoplexes and confers resistance to inhibition by serum. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1463, 459-469.	2.6	127
17	On the mechanisms of internalization and intracellular delivery mediated by pH-sensitive liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1515, 23-37.	2.6	126
18	Interaction of cationic liposomes and their DNA complexes with monocytic leukemia cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 71-84.	2.6	111

#	ARTICLE	IF	CITATIONS
19	Silencing ataxin-3 mitigates degeneration in a rat model of Machado-Joseph disease: no role for wild-type ataxin-3?. <i>Human Molecular Genetics</i> , 2010, 19, 2380-2394.	2.9	96
20	siRNA delivery by a transferrin-associated lipid-based vector: a non-viral strategy to mediate gene silencing. <i>Journal of Gene Medicine</i> , 2007, 9, 170-183.	2.8	89
21	On the mechanisms of the internalization of S413-PV cell-penetrating peptide. <i>Biochemical Journal</i> , 2005, 390, 603-612.	3.7	87
22	Intravenous administration of brain-targeted stable nucleic acid lipid particles alleviates Machado-Joseph disease neurological phenotype. <i>Biomaterials</i> , 2016, 82, 124-137.	11.4	86
23	Tumor-targeted Chlorotoxin-coupled Nanoparticles for Nucleic Acid Delivery to Glioblastoma Cells: A Promising System for Glioblastoma Treatment. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e100.	5.1	83
24	Transferrin Receptor-Targeted Liposomes Encapsulating anti-BCR-ABL siRNA or asODN for Chronic Myeloid Leukemia Treatment. <i>Bioconjugate Chemistry</i> , 2010, 21, 157-168.	3.6	82
25	MicroRNA-21 silencing enhances the cytotoxic effect of the antiangiogenic drug sunitinib in glioblastoma. <i>Human Molecular Genetics</i> , 2013, 22, 904-918.	2.9	79
26	Improving lipoplex-mediated gene transfer into C6 glioma cells and primary neurons. <i>Experimental Neurology</i> , 2004, 187, 65-75.	4.1	78
27	Striatal and nigral pathology in a lentiviral rat model of Machado-Joseph disease. <i>Human Molecular Genetics</i> , 2008, 17, 2071-2083.	2.9	78
28	Apoptosis as a mechanism of cell death induced by different chemotherapeutic drugs in human leukemic T-lymphocytes. <i>Biochemical Pharmacology</i> , 1996, 51, 1331-1340.	4.4	75
29	Cationic Liposomes for Gene Delivery: Novel Cationic Lipids and Enhancement by Proteins and Peptides. <i>Current Medicinal Chemistry</i> , 2003, 10, 1213-1220.	2.4	75
30	Tf-lipoplexes for neuronal siRNA delivery: A promising system to mediate gene silencing in the CNS. <i>Journal of Controlled Release</i> , 2008, 132, 113-123.	9.9	75
31	Gene delivery mediated by cationic liposomes: from biophysical aspects to enhancement of transfection. <i>Molecular Membrane Biology</i> , 1999, 16, 103-109.	2.0	73
32	Evaluation of lipid-based reagents to mediate intracellular gene delivery. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1567, 23-33.	2.6	73
33	Transfection of human macrophages by lipoplexes via the combined use of transferrin and pH-sensitive peptides. <i>Journal of Leukocyte Biology</i> , 1999, 65, 270-279.	3.3	70
34	Intranasal Administration of Novel Chitosan Nanoparticle/DNA Complexes Induces Antibody Response to Hepatitis B Surface Antigen in Mice. <i>Molecular Pharmaceutics</i> , 2016, 13, 472-482.	4.6	69
35	Role of microRNAs in the regulation of innate immune cells under neuroinflammatory conditions. <i>Current Opinion in Pharmacology</i> , 2016, 26, 1-9.	3.5	69
36	Vanadium compounds as therapeutic agents: Some chemical and biochemical studies. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 601-608.	3.5	68

#	ARTICLE	IF	CITATIONS
37	Association of albumin or protamine to lipoplexes: enhancement of transfection and resistance to serum. <i>Journal of Gene Medicine</i> , 2004, 6, 681-692.	2.8	65
38	Involvement of MicroRNA in Microglia-Mediated Immune Response. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-11.	3.3	64
39	Tf-lipoplex-mediated NGF gene transfer to the CNS: neuronal protection and recovery in an excitotoxic model of brain injury. <i>Gene Therapy</i> , 2005, 12, 1242-1252.	4.5	62
40	The Saposin-like Domain of the Plant Aspartic Proteinase Precursor Is a Potent Inducer of Vesicle Leakage. <i>Journal of Biological Chemistry</i> , 2000, 275, 38190-38196.	3.4	59
41	Kinetic analysis of the initial steps involved in lipoplex-cell interactions: effect of various factors that influence transfection activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1510, 136-151.	2.6	59
42	Cytotoxic Activity of Metal Complexes of Biogenic Polyamines: Polynuclear Platinum(II) Chelates. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2917-2925.	6.4	59
43	MicroRNAs as Molecular Targets for Cancer Therapy: On the Modulation of MicroRNA Expression. <i>Pharmaceuticals</i> , 2013, 6, 1195-1220.	3.8	55
44	Targeted and intracellular triggered delivery of therapeutics to cancer cells and the tumor microenvironment: impact on the treatment of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 133, 61-73.	2.5	54
45	Gemini Surfactants Mediate Efficient Mitochondrial Gene Delivery and Expression. <i>Molecular Pharmaceutics</i> , 2015, 12, 716-730.	4.6	52
46	Fusion of enveloped viruses with cells and liposomes. <i>Cell Biophysics</i> , 1990, 17, 181-201.	0.4	50
47	Survivin Silencing as a Promising Strategy To Enhance the Sensitivity of Cancer Cells to Chemotherapeutic Agents. <i>Molecular Pharmaceutics</i> , 2011, 8, 1120-1131.	4.6	50
48	Targeting of sterically stabilised pH-sensitive liposomes to human T-leukaemia cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 359-366.	4.3	49
49	Tf-lipoplex-mediated c-Jun silencing improves neuronal survival following excitotoxic damage in vivo. <i>Journal of Controlled Release</i> , 2010, 142, 392-403.	9.9	48
50	Thermodynamics of saturated electrolyte mixtures of NaCl with Na ₂ SO ₄ and with MgCl ₂ . <i>Journal of Solution Chemistry</i> , 1983, 12, 187-199.	1.2	47
51	Co-encapsulation of anti-BCR-ABL siRNA and imatinib mesylate in transferrin receptor-targeted sterically stabilized liposomes for chronic myeloid leukemia treatment. <i>Biotechnology and Bioengineering</i> , 2010, 107, 884-893.	3.3	47
52	Toward a siRNA-containing nanoparticle targeted to breast cancer cells and the tumor microenvironment. <i>International Journal of Pharmaceutics</i> , 2012, 434, 9-19.	5.2	45
53	Liposome-mediated delivery of antiviral agents to human immunodeficiency virus-infected cells. <i>Molecular Membrane Biology</i> , 1999, 16, 111-118.	2.0	44
54	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.	2.6	42

#	ARTICLE	IF	CITATIONS
55	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.	2.4	42
56	Transferrin lipoplex-mediated suicide gene therapy of oral squamous cell carcinoma in an immunocompetent murine model and mechanisms involved in the antitumoral response. <i>Cancer Gene Therapy</i> , 2009, 16, 91-101.	4.6	41
57	Synergistic antitumoral effect of vinblastine and HSV-Tk/GCV gene therapy mediated by albumin-associated cationic liposomes. <i>Journal of Controlled Release</i> , 2008, 126, 175-184.	9.9	40
58	Synthesis and Photoluminescence of ZnS Quantum Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1312-1315.	0.9	39
59	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.	2.6	39
60	S4₁₃-PV Cell-Penetrating Peptide Forms Nanoparticle-Like Structures to Gain Entry Into Cells. <i>Bioconjugate Chemistry</i> , 2010, 21, 774-783.	3.6	37
61	S4₁₃-PV cell penetrating peptide and cationic liposomes act synergistically to mediate intracellular delivery of plasmid DNA. <i>Journal of Gene Medicine</i> , 2008, 10, 1210-1222.	2.8	36
62	Design of peptide-targeted liposomes containing nucleic acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 433-441.	2.6	36
63	MicroRNAs in Glioblastoma: Role in Pathogenesis and Opportunities for Targeted Therapies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 222-238.	1.4	36
64	ENHANCED INHIBITION OF HIV-1 REPLICATION IN MACROPHAGES BY ANTISENSE OLIGONUCLEOTIDES, RIBOZYMES AND ACYCLIC NUCLEOSIDE PHOSPHONATE ANALOGS DELIVERED IN pH-SENSITIVE LIPOSOMES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 515-523.	1.1	35
65	DNA pre-condensation with an amino acid-based cationic amphiphile. A viable approach for liposome-based gene delivery. <i>Molecular Membrane Biology</i> , 2008, 25, 23-34.	2.0	35
66	A non-covalent strategy combining cationic lipids and CPPs to enhance the delivery of splice correcting oligonucleotides. <i>Journal of Controlled Release</i> , 2010, 145, 149-158.	9.9	35
67	Preventive Cancer Stem Cell-Based Vaccination Reduces Liver Metastasis Development in a Rat Colon Carcinoma Syngeneic Model. <i>Stem Cells</i> , 2013, 31, 423-432.	3.2	35
68	Temperature-responsive cationic block copolymers as nanocarriers for gene delivery. <i>International Journal of Pharmaceutics</i> , 2013, 448, 105-114.	5.2	35
69	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.	5.2	34
70	New serine-derived gemini surfactants as gene delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 347-356.	4.3	33
71	Interactions of Influenza Virus with Cultured Cells: Detailed Kinetic Modeling of Binding and Endocytosis. <i>Biochemistry</i> , 1999, 38, 1095-1101.	2.5	32
72	Folate-associated lipoplexes mediate efficient gene delivery and potent antitumoral activity in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2012, 423, 365-377.	5.2	32

#	ARTICLE	IF	CITATIONS
73	MicroRNA modulation combined with sunitinib as a novel therapeutic strategy for pancreatic cancer. <i>International Journal of Nanomedicine</i> , 2014, 9, 3203.	6.7	30
74	The influenza virus hemagglutinin: a model protein in the study of membrane fusion. <i>BBA - Biomembranes</i> , 1998, 1376, 147-154.	8.0	29
75	Cellular uptake of S413-PV peptide occurs upon conformational changes induced by peptide-membrane interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 336-346.	2.6	29
76	Resveratrol stimulates the metabolic reprogramming of human CD4 ⁺ T cells to enhance effector function. <i>Science Signaling</i> , 2017, 10, .	3.6	29
77	Mechanistic study of the adjuvant effect of chitosan-aluminum nanoparticles. <i>International Journal of Pharmaceutics</i> , 2018, 552, 7-15.	5.2	29
78	Thermodynamics of saturated aqueous solutions including mixtures of NaCl, KCl, and CsCl. <i>Journal of Solution Chemistry</i> , 1983, 12, 171-185.	1.2	28
79	Transfection of oral cancer cells mediated by transferrin-associated lipoplexes: Mechanisms of cell death induced by herpes simplex virus thymidine kinase/ganciclovir therapy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1703-1712.	2.6	28
80	Cholesterol affects African swine fever virus infection. <i>Lipids and Lipid Metabolism</i> , 1998, 1393, 19-25.	2.6	27
81	Impact of anti-PLK1 siRNA-containing F3-targeted liposomes on the viability of both cancer and endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 356-364.	4.3	27
82	Fluorescent probes for monitoring virus fusion kinetics: comparative evaluation of reliability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1561, 65-75.	2.6	26
83	Non-covalent association of folate to lipoplexes: A promising strategy to improve gene delivery in the presence of serum. <i>Journal of Controlled Release</i> , 2011, 149, 264-272.	9.9	26
84	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.	5.2	26
85	Cell-penetrating Peptides as Nucleic Acid Delivery Systems: From Biophysics to Biological Applications. <i>Current Pharmaceutical Design</i> , 2013, 19, 2895-2923.	1.9	26
86	Evaluation of the antitumoral effect mediated by IL-12 and HSV-tk genes when delivered by a novel lipid-based system. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1093-1102.	2.6	25
87	Kinetic modeling of Sendai virus fusion with PC-12 cells. Effect of pH and temperature on fusion and viral inactivation. <i>FEBS Journal</i> , 1992, 205, 181-186.	0.2	24
88	PDGF-B-mediated downregulation of miR-21: new insights into PDGF signaling in glioblastoma. <i>Human Molecular Genetics</i> , 2012, 21, 5118-5130.	2.9	24
89	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.	5.0	24
90	Interaction of S413-PV cell penetrating peptide with model membranes: relevance to peptide translocation across biological membranes. <i>Journal of Peptide Science</i> , 2007, 13, 301-313.	1.4	23

#	ARTICLE	IF	CITATIONS
91	Efficient intracellular delivery of siRNA with a safe multitargeted lipid-based nanoplatfrom. <i>Nanomedicine</i> , 2013, 8, 1397-1413.	3.3	23
92	Application of Thermoresponsive PNIPAAm-PAMPTMA Diblock Copolymers in siRNA Delivery. <i>Molecular Pharmaceutics</i> , 2014, 11, 819-827.	4.6	23
93	High-throughput screening uncovers miRNAs enhancing glioblastoma cell susceptibility to tyrosine kinase inhibitors. <i>Human Molecular Genetics</i> , 2017, 26, 4375-4387.	2.9	23
94	Nuclear Export of African Swine Fever Virus p37 Protein Occurs through Two Distinct Pathways and Is Mediated by Three Independent Signals. <i>Journal of Virology</i> , 2006, 80, 1393-1404.	3.4	20
95	Methods to Monitor Liposome Fusion, Permeability, and Interaction with Cells. <i>Methods in Molecular Biology</i> , 2010, 606, 209-232.	0.9	19
96	Progress Towards a Needle-Free Hepatitis B Vaccine. <i>Pharmaceutical Research</i> , 2011, 28, 986-1012.	3.5	19
97	Isolation of head and neck squamous carcinoma cancer stem-like cells in a syngeneic mouse model and analysis of hypoxia effect. <i>Oncology Reports</i> , 2012, 28, 1057-1062.	2.6	19
98	Liposomal and Viral Vectors for Gene Therapy of the Central Nervous System. <i>CNS and Neurological Disorders</i> , 2005, 4, 453-465.	4.3	18
99	Delivery of Antiviral Agents in Liposomes. <i>Methods in Enzymology</i> , 2005, 391, 351-373.	1.0	18
100	Association of chitosan and aluminium as a new adjuvant strategy for improved vaccination. <i>International Journal of Pharmaceutics</i> , 2017, 527, 103-114.	5.2	18
101	African swine fever virus p37 structural protein is localized in nuclear foci containing the viral DNA at early post-infection times. <i>Virus Research</i> , 2007, 130, 18-27.	2.2	17
102	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.	4.6	17
103	Two African Swine Fever Virus Proteins Derived from a Common Precursor Exhibit Different Nucleocytoplasmic Transport Activities. <i>Journal of Virology</i> , 2004, 78, 9731-9739.	3.4	16
104	African swine fever virus p10 protein exhibits nuclear import capacity and accumulates in the nucleus during viral infection. <i>Veterinary Microbiology</i> , 2008, 130, 47-59.	1.9	16
105	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.	4.3	16
106	Partition of Dopamine Antagonists into Synthetic Lipid Bilayers: the Effect of Membrane Structure and Composition. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 601-605.	2.4	15
107	Increased gene delivery efficiency and specificity of a lipid-based nanosystem incorporating a glycolipid. <i>International Journal of Nanomedicine</i> , 2014, 9, 4979.	6.7	15
108	Recent Trends in Nanotechnology Toward CNS Diseases. <i>International Review of Neurobiology</i> , 2016, 130, 1-40.	2.0	15

#	ARTICLE	IF	CITATIONS
109	Cholesterol affects divalent cation-induced fusion and isothermal phase transitions of phospholipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 946, 405-416.	2.6	14
110	Chapter 14 Targeted Lipoplexes for siRNA Delivery. <i>Methods in Enzymology</i> , 2009, 465, 267-287.	1.0	14
111	Interaction of antimycobacterial and anti-pneumocystis drugs with phospholipid membranes. <i>Chemistry and Physics of Lipids</i> , 1990, 53, 361-371.	3.2	13
112	Fusion and Infection of Influenza and Sendai Viruses as Modulated by Dextran Sulfate: A Comparative Study. <i>Bioscience Reports</i> , 2001, 21, 293-304.	2.4	13
113	Sustained Release of Naltrexone from Poly(N-isopropylacrylamide) Microgels. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 227-234.	3.3	13
114	Partial Fusion Activity of Influenza Virus toward Liposomes and Erythrocyte Ghosts Is Distinct from Viral Inactivation. <i>Journal of Biological Chemistry</i> , 1996, 271, 23902-23906.	3.4	12
115	Multimodal highly fluorescent-magnetic nanoplatfrom to target transferrin receptors in cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2788-2796.	2.4	12
116	Physicochemical characterization and targeting performance of triphenylphosphonium nano-polyplexes. <i>Journal of Molecular Liquids</i> , 2020, 316, 113873.	4.9	12
117	Delivery of novel macromolecular drugs against HIV-1. <i>Expert Opinion on Biological Therapy</i> , 2001, 1, 949-970.	3.1	11
118	Transferrin-Associated Lipoplexes as Gene Delivery Systems: Relevance of Mode of Preparation and Biophysical Properties. <i>Journal of Membrane Biology</i> , 2008, 221, 141-152.	2.1	11
119	Cellular and molecular events associated with the antitumor response induced by the cytosine deaminase/5-fluorocytosine suicide gene therapy system in a rat liver metastasis model. <i>Cancer Gene Therapy</i> , 2007, 14, 858-866.	4.6	10
120	Simultaneous evaluation of viability and Bcl-2 in small cell lung cancer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 1165-1172.	1.5	10
121	Physicochemical properties of transferrin-associated lipopolyplexes and their role in biological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 207-214.	5.0	10
122	Interaction of clathrin with large unilamellar phospholipid vesicles at neutral pH. Lipid dependence and protein penetration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1106, 209-215.	2.6	9
123	Cell-Penetrating Peptide-Based Systems for Nucleic Acid Delivery. <i>Methods in Enzymology</i> , 2012, 509, 277-300.	1.0	9
124	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.	2.6	9
125	Gene Delivery by Cationic Liposome-DNA Complexes Containing Transferrin or Serum Albumin. <i>Methods in Enzymology</i> , 2003, 373, 369-383.	1.0	8
126	Polyethylenimine of various molecular weights as adjuvant for transfection mediated by cationic liposomes. <i>Molecular Membrane Biology</i> , 2009, 26, 249-263.	2.0	8

#	ARTICLE	IF	CITATIONS
127	Specific and efficient gene delivery mediated by an asialofetuin-associated nanosystem. <i>International Journal of Pharmaceutics</i> , 2014, 473, 366-374.	5.2	8
128	Evidence That Synaptobrevin Is Involved in Fusion between Synaptic Vesicles and Synaptic Plasma Membrane Vesicles. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 184-188.	2.1	7
129	Electrochemical sensing of the behaviour of oligonucleotide lipoplexes at charged interfaces. <i>Biosensors and Bioelectronics</i> , 2004, 20, 975-984.	10.1	7
130	Inclusion of a single-tail amino acid-based amphiphile in a lipoplex formulation: Effects on transfection efficiency and physicochemical properties. <i>Molecular Membrane Biology</i> , 2011, 28, 42-53.	2.0	7
131	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.	2.9	7
132	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.	2.9	7
133	Impact of PLK-1 Silencing on Endothelial Cells and Cancer Cells of Diverse Histological Origin. <i>Current Gene Therapy</i> , 2013, 13, 189-201.	2.0	7
134	Sendai Virus Fusion Activity as Modulated by Target Membrane Components. <i>Bioscience Reports</i> , 1998, 18, 59-68.	2.4	6
135	Voltammetric behaviour of oligonucleotide lipoplexes adsorbed onto glassy carbon electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 564, 25-34.	3.8	6
136	In vitro modulation of Bcl-2 levels in small cell lung cancer cells: effects on cell viability. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 1001-1009.	1.5	6
137	Lauroylated Histidine-Enriched S413-PV Peptide as an Efficient Gene Silencing Mediator in Cancer Cells. <i>Pharmaceutical Research</i> , 2020, 37, 188.	3.5	6
138	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.	2.9	6
139	Kinetics of Influenza Virus Fusion with the Endosomal and Plasma Membranes of Cultured Cells. Effect of Temperature. <i>Journal of Membrane Biology</i> , 2003, 195, 21-26.	2.1	5
140	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.	4.1	5
141	Biophysical Characterization of Cationic Liposome-DNA Complexes and their Interaction with Cells. <i>Methods in Enzymology</i> , 2003, 373, 298-312.	1.0	4
142	Interaction of proteinase inhibitors with phospholipid vesicles is modulated by pH. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 551-557.	7.5	4
143	Fluorescence Methods for Evaluating Lipoplex-Mediated Gene Delivery. <i>Methods in Molecular Biology</i> , 2010, 606, 425-437.	0.9	2
144	Fusion activity of the influenza virus hemagglutinin does not require a transbilayer pH gradient. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1330, 194-198.	2.6	0

#	ARTICLE	IF	CITATIONS
145	Membrane Fusion in the Exocytotic Release of Neurotransmitters. , 1995, , 317-331.		0
146	Entry of Enveloped Viruses Into Host Cells: Fusion Activity of the Influenza Virus Hemagglutinin. , 1995, , 131-154.		0
147	Mass action model of virus fusion. , 1995, , 155-170.		0