

Ladan Parhamifar

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

982
citations

430874
18
h-index

501196
28
g-index

30
all docs

30
docs citations

30
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycation cytotoxicity: a delicate matter for nucleic acid therapy”focus on polyethylenimine. Soft Matter, 2010, 6, 4001.	2.7	193
2	T cells expressing VHH-directed oligoclonal chimeric HER2 antigen receptors: Towards tumor-directed oligoclonal T cell therapy. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 378-386.	2.4	72
3	Particulate Systems for Targeting of Macrophages: Basic and Therapeutic Concepts. Journal of Innate Immunity, 2012, 4, 509-528.	3.8	66
4	High resolution respirometry analysis of polyethylenimine-mediated mitochondrial energy crisis and cellular stress: Mitochondrial proton leak and inhibition of the electron transport system. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 1213-1225.	1.0	63
5	Combined MUC1-specific nanobody-tagged PEG-polyethylenimine polyplex targeting and transcriptional targeting of tBid transgene for directed killing of MUC1 over-expressing tumour cells. Journal of Controlled Release, 2011, 156, 85-91.	9.9	62
6	Polyethylenimine-mediated impairment of mitochondrial membrane potential, respiration and membrane integrity: Implications for nucleic acid delivery and gene therapy. Mitochondrion, 2012, 12, 162-168.	3.4	46
7	Remote-loading of liposomes with manganese-52 and in vivo evaluation of the stabilities of 52Mn-DOTA and 64Cu-DOTA using radiolabelled liposomes and PET imaging. Journal of Controlled Release, 2018, 269, 100-109.	9.9	43
8	Lactate Dehydrogenase Assay for Assessment of Polycation Cytotoxicity. Methods in Molecular Biology, 2013, 948, 13-22.	0.9	42
9	Poly(3- β -hydroxybutyrate- α -co- β - α -hydroxyhexanoate) Nanoparticles with Polyethylenimine Coat as Simple, Safe, and Versatile Vehicles for Cell Targeting: Population Characteristics, Cell Uptake, and Intracellular Trafficking. Advanced Healthcare Materials, 2014, 3, 817-824.	7.6	41
10	Activation of cPLA 2 is required for leukotriene D 4 -induced proliferation in colon cancer cells. Carcinogenesis, 2005, 26, 1988-1998.	2.8	37
11	Secretory phospholipase A 2 responsive liposomes exhibit a potent anti-neoplastic effect in vitro , but induce unforeseen severe toxicity in vivo. Journal of Controlled Release, 2017, 262, 212-221.	9.9	31
12	Polyethylenimine architecture-dependent metabolic imprints and perturbation of cellular redox homeostasis. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 328-342.	1.0	28
13	Ligand-Induced Tyrosine Phosphorylation of Cysteinyl Leukotriene Receptor 1 Triggers Internalization and Signaling in Intestinal Epithelial Cells. PLoS ONE, 2010, 5, e14439.	2.5	25
14	Differential Modulation of Cellular Bioenergetics by Poly(α -lysine)s of Different Molecular Weights. Biomacromolecules, 2015, 16, 2119-2126.	5.4	24
15	Accelerated blood clearance and hypersensitivity by PEGylated liposomes containing TLR agonists. Journal of Controlled Release, 2022, 342, 337-344.	9.9	24
16	Heavy Chain Only Antibodies: A New Paradigm in Personalized HER2+ Breast Cancer Therapy. BiolImpacts, 2013, 3, 1-4.	1.5	23
17	Polycation-Mediated Integrated Cell Death Processes. Advances in Genetics, 2014, 88, 353-398.	1.8	21
18	Lactate Dehydrogenase Assay for Assessment of Polycation Cytotoxicity. Methods in Molecular Biology, 2019, 1943, 291-299.	0.9	21

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19	Regulation of the eicosanoid pathway by tumour necrosis factor alpha and leukotriene D4 in intestinal epithelial cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 223-231.	2.2	19
20	AFM visualization of sub-50 nm polyplex disposition to the nuclear pore complex without compromising the integrity of the nuclear envelope. Journal of Controlled Release, 2016, 244, 24-29.	9.9	16
21	Reciprocity in the Developmental Regulation of Aquaporins 1, 3 and 5 during Pregnancy and Lactation in the Rat. PLoS ONE, 2014, 9, e106809.	2.5	12
22	Monocyte targeting and activation by cationic liposomes formulated with a TLR7 agonist. Expert Opinion on Drug Delivery, 2015, 12, 1045-1058.	5.0	11
23	Total Internal Reflection Fluorescence (TIRF) Microscopy for Real-Time Imaging of Nanoparticle-Cell Plasma Membrane Interaction. , 2012, 906, 473-482.		10
24	Live-cell fluorescent microscopy platforms for real-time monitoring of polyplexâ€“cell interaction: Basic guidelines. Methods, 2014, 68, 300-307.	3.8	10
25	Unravelling Heterogeneities in Complement and Antibody Opsonization of Individual Liposomes as a Function of Surface Architecture. Small, 2022, 18, e2106529.	10.0	10
26	Protein Transduction Domain Mimics Facilitate Rapid Antigen Delivery into Monocytes. Molecular Pharmaceutics, 2019, 16, 2462-2469.	4.6	8
27	Mechanisms of selective monocyte targeting by liposomes functionalized with a cationic, arginine-rich lipopeptide. Acta Biomaterialia, 2022, 144, 96-108.	8.3	7
28	Low molecular weight poly (2-dimethylamino ethylmethacrylate) polymers with controlled positioned fluorescent labeling: Synthesis, characterization and in vitro interaction with human endothelial cells. International Journal of Pharmaceutics, 2015, 478, 278-287.	5.2	5
29	Uptake and Intracellular Trafficking of Nanocarriers. Fundamental Biomedical Technologies, 2014, , 117-138.	0.2	2