

# Ladan Parhamifar

## List of Publications by Year in descending order

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29  
papers

982  
citations

430442

18  
h-index

500791

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. <i>Soft Matter</i> , 2010, 6, 4001.	1.2	193
2	T cells expressing VHH-directed oligoclonal chimeric HER2 antigen receptors: Towards tumor-directed oligoclonal T cell therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 378-386.	1.1	72
3	Particulate Systems for Targeting of Macrophages: Basic and Therapeutic Concepts. <i>Journal of Innate Immunity</i> , 2012, 4, 509-528.	1.8	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. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 1213-1225.	0.5	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. <i>Journal of Controlled Release</i> , 2011, 156, 85-91.	4.8	62
6	Polyethylenimine-mediated impairment of mitochondrial membrane potential, respiration and membrane integrity: Implications for nucleic acid delivery and gene therapy. <i>Mitochondrion</i> , 2012, 12, 162-168.	1.6	46
7	Remote-loading of liposomes with manganese-52 and in vivo evaluation of the stabilities of <sup>52</sup> Mn-DOTA and <sup>64</sup> Cu-DOTA using radiolabelled liposomes and PET imaging. <i>Journal of Controlled Release</i> , 2018, 269, 100-109.	4.8	43
8	Lactate Dehydrogenase Assay for Assessment of Polycation Cytotoxicity. <i>Methods in Molecular Biology</i> , 2013, 948, 13-22.	0.4	42
9	Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) Nanoparticles with Polyethylenimine Coat as Simple, Safe, and Versatile Vehicles for Cell Targeting: Population Characteristics, Cell Uptake, and Intracellular Trafficking. <i>Advanced Healthcare Materials</i> , 2014, 3, 817-824.	3.9	41
10	Activation of cPLA 2 is required for leukotriene D 4 -induced proliferation in colon cancer cells. <i>Carcinogenesis</i> , 2005, 26, 1988-1998.	1.3	37
11	Secretory phospholipase A 2 responsive liposomes exhibit a potent anti-neoplastic effect in vitro , but induce unforeseen severe toxicity in vivo. <i>Journal of Controlled Release</i> , 2017, 262, 212-221.	4.8	31
12	Polyethylenimine architecture-dependent metabolic imprints and perturbation of cellular redox homeostasis. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 328-342.	0.5	28
13	Ligand-Induced Tyrosine Phosphorylation of Cysteinyl Leukotriene Receptor 1 Triggers Internalization and Signaling in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2010, 5, e14439.	1.1	25
14	Differential Modulation of Cellular Bioenergetics by Poly(L-lysine)s of Different Molecular Weights. <i>Biomacromolecules</i> , 2015, 16, 2119-2126.	2.6	24
15	Accelerated blood clearance and hypersensitivity by PEGylated liposomes containing TLR agonists. <i>Journal of Controlled Release</i> , 2022, 342, 337-344.	4.8	24
16	Heavy Chain Only Antibodies: A New Paradigm in Personalized HER2+ Breast Cancer Therapy. <i>BiolImpacts</i> , 2013, 3, 1-4.	0.7	23
17	Polycation-Mediated Integrated Cell Death Processes. <i>Advances in Genetics</i> , 2014, 88, 353-398.	0.8	21
18	Lactate Dehydrogenase Assay for Assessment of Polycation Cytotoxicity. <i>Methods in Molecular Biology</i> , 2019, 1943, 291-299.	0.4	21

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19	Regulation of the eicosanoid pathway by tumour necrosis factor alpha and leukotriene D4 in intestinal epithelial cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008, 79, 223-231.	1.0	19
20	AFM visualization of sub-50 nm polyplex disposition to the nuclear pore complex without compromising the integrity of the nuclear envelope. <i>Journal of Controlled Release</i> , 2016, 244, 24-29.	4.8	16
21	Reciprocity in the Developmental Regulation of Aquaporins 1, 3 and 5 during Pregnancy and Lactation in the Rat. <i>PLoS ONE</i> , 2014, 9, e106809.	1.1	12
22	Monocyte targeting and activation by cationic liposomes formulated with a TLR7 agonist. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 1045-1058.	2.4	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 polyplex-cell interaction: Basic guidelines. <i>Methods</i> , 2014, 68, 300-307.	1.9	10
25	Unravelling Heterogeneities in Complement and Antibody Opsonization of Individual Liposomes as a Function of Surface Architecture. <i>Small</i> , 2022, 18, e2106529.	5.2	10
26	Protein Transduction Domain Mimics Facilitate Rapid Antigen Delivery into Monocytes. <i>Molecular Pharmaceutics</i> , 2019, 16, 2462-2469.	2.3	8
27	Mechanisms of selective monocyte targeting by liposomes functionalized with a cationic, arginine-rich lipopeptide. <i>Acta Biomaterialia</i> , 2022, 144, 96-108.	4.1	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. <i>International Journal of Pharmaceutics</i> , 2015, 478, 278-287.	2.6	5
29	Uptake and Intracellular Trafficking of Nanocarriers. <i>Fundamental Biomedical Technologies</i> , 2014, , 117-138.	0.2	2