

# Nejat Duzgunes

## List of Publications by Year in descending order

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87  
papers

4,039  
citations

172207

29  
h-index

114278

63  
g-index

92  
all docs

92  
docs citations

92  
times ranked

5430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene delivery by lipoplexes and polyplexes. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 159-170.	1.9	542
2	On the formulation of pH-sensitive liposomes with long circulation times. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 947-965.	6.6	440
3	Cationic lipid-DNA complexes in gene delivery: from biophysics to biological applications. <i>Advanced Drug Delivery Reviews</i> , 2001, 47, 277-294.	6.6	346
4	Expression of Recombinant Proteins in <i>Pichia Pastoris</i> . <i>Applied Biochemistry and Biotechnology</i> , 2007, 142, 105-124.	1.4	238
5	Cationic liposomes for gene delivery. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 237-254.	2.4	234
6	Mechanisms and kinetics of liposome-cell interactions. <i>Advanced Drug Delivery Reviews</i> , 1999, 40, 3-18.	6.6	213
7	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.	1.6	208
8	Current status of liposomal porphyrinoid photosensitizers. <i>Drug Discovery Today</i> , 2013, 18, 776-784.	3.2	88
9	Efficacies of cyclodextrin-complexed and liposome-encapsulated clarithromycin against <i>Mycobacterium avium</i> complex infection in human macrophages. <i>International Journal of Pharmaceutics</i> , 2003, 250, 403-414.	2.6	76
10	Cationic Liposomes for Gene Delivery: Novel Cationic Lipids and Enhancement by Proteins and Peptides. <i>Current Medicinal Chemistry</i> , 2003, 10, 1213-1220.	1.2	75
11	Efficacy of liposomal budesonide in experimental asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 321-327.	1.5	74
12	Human immunodeficiency virus type-1 (HIV-1) infection increases the sensitivity of macrophages and THP-1 cells to cytotoxicity by cationic liposomes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1312, 186-196.	1.9	72
13	A common mechanism for influenza virus fusion activity and inactivation. <i>Biochemistry</i> , 1993, 32, 2771-2779.	1.2	70
14	Serum-resistant lipopolyplexes for gene delivery to liver tumour cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 58-66.	2.0	70
15	Membrane destabilization by N-terminal peptides of viral envelope proteins. <i>Journal of Membrane Biology</i> , 1992, 128, 71-80.	1.0	64
16	Antimicrobial and anticancer photodynamic activity of a phthalocyanine photosensitizer with N-methyl morpholiniummethoxy substituents in non-peripheral positions. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 67-79.	1.5	60
17	Preparation and Quantitation of Small Unilamellar Liposomes and Large Unilamellar Reverse-Phase Evaporation Liposomes. <i>Methods in Enzymology</i> , 2003, 367, 23-27.	0.4	58
18	Liposome-Encapsulated Antibiotics. <i>Methods in Enzymology</i> , 2005, 391, 261-291.	0.4	54

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19	Risk factors for periodontitis in HIV+ patients. <i>Journal of Periodontal Research</i> , 2004, 39, 149-157.	1.4	43
20	Phthalocyanines functionalized with 2-methyl-5-nitro-1H-imidazolylethoxy and 1,4,7-trioxanonyl moieties and the effect of metronidazole substitution on photocytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 62-72.	1.5	42
21	Membrane action of synthetic N-terminal peptides of influenza virus hemagglutinin and its mutants. <i>FEBS Letters</i> , 1988, 227, 110-114.	1.3	39
22	Diazepinoporphyrazines Containing Peripheral Styryl Substituents and Their Promising Nanomolar Photodynamic Activity against Oral Cancer Cells in Liposomal Formulations. <i>ChemMedChem</i> , 2014, 9, 1775-1782.	1.6	38
23	Delivery of therapeutic nucleic acids via transferrin and transferrin receptors: lipoplexes and other carriers. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1583-1591.	2.4	37
24	<i>Porphyromonas gingivalis</i> stimulates IL-6 and IL-8 secretion in GSM-K, HSC-3 and H413 oral epithelial cells. <i>Anaerobe</i> , 2014, 28, 62-67.	1.0	37
25	Bacteriophage Therapy of Bacterial Infections: The Rediscovered Frontier. <i>Pharmaceuticals</i> , 2021, 14, 34.	1.7	36
26	Dendrimeric Sulfanyl Porphyrazines: Synthesis, Physico-Chemical Characterization, and Biological Activity for Potential Applications in Photodynamic Therapy. <i>ChemPlusChem</i> , 2016, 81, 460-470.	1.3	34
27	Photodynamic therapy of cancer with liposomal photosensitizers. <i>Therapeutic Delivery</i> , 2018, 9, 823-832.	1.2	34
28	Inhibition of human immunodeficiency virus type-1 replication in macrophages and H9 cells by free or liposome-encapsulated L-689,502, an inhibitor of the viral protease. <i>Antiviral Research</i> , 1997, 34, 1-15.	1.9	32
29	Susceptibility of <i>Candida</i> biofilms to histatin 5 and fluconazole. <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 413-417.	0.7	32
30	Targeting of Liposomes to HIV-1-Infected Cells by Peptides Derived from the CD4 Receptor. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 827-833.	1.0	30
31	Efficacy of clofazimine- $\alpha$ -modified cyclodextrin against <i>Mycobacterium avium</i> complex in human macrophages. <i>International Journal of Pharmaceutics</i> , 2003, 260, 105-114.	2.6	30
32	Liposome targeting to human immunodeficiency virus type 1-infected cells via recombinant soluble CD4 and CD4 immunoadhesin (CD4-IgG). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1194, 185-196.	1.4	29
33	Efficient gene delivery by EGF-lipoplexes <i>in vitro</i> and <i>in vivo</i> . <i>Nanomedicine</i> , 2011, 6, 89-98.	1.7	27
34	Sulfanyl porphyrazines: Molecular barrel-like self-assembly in crystals, optical properties and <i>in vitro</i> photodynamic activity towards cancer cells. <i>Dyes and Pigments</i> , 2017, 136, 898-908.	2.0	27
35	Correlation between the levels of survivin and survivin promoter-driven gene expression in cancer and non-cancer cells. <i>Cellular and Molecular Biology Letters</i> , 2009, 14, 70-89.	2.7	25
36	The Use of Sterically Stabilized Liposomes to Treat Asthma. <i>Methods in Enzymology</i> , 2005, 391, 413-427.	0.4	24

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37	Expression and characterization of recombinant human secretory leukocyte protease inhibitor (SLPI) protein from <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2009, 67, 175-181.	0.6	23
38	Liposomal formulations of magnesium sulfanyl tribenzoporphyrins for the photodynamic therapy of cancer. <i>Journal of Inorganic Biochemistry</i> , 2018, 184, 34-41.	1.5	23
39	Antitumoral activity of transferrin-lipoplexes carrying the IL-12 gene in the treatment of colon cancer. <i>Journal of Drug Targeting</i> , 2006, 14, 527-535.	2.1	22
40	Origins of Suicide Gene Therapy. <i>Methods in Molecular Biology</i> , 2019, 1895, 1-9.	0.4	22
41	Cationic liposome-mediated expression of HIV-regulated luciferase and diphtheria toxin genes in HeLa cells infected with or expressing HIV. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1356, 185-197.	1.9	21
42	Introduction: The Origins of Liposomes: Alec Bangham at Babraham. <i>Methods in Enzymology</i> , 2005, , 1-3.	0.4	21
43	Physicochemical properties of liposome-incorporated 2-(morpholin-4-yl)ethoxy phthalocyanines and their photodynamic activity against oral cancer cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 445-457.	2.0	21
44	Sterically Stabilized pH-Sensitive Liposomes. <i>Methods in Enzymology</i> , 2004, 387, 134-147.	0.4	19
45	Serum decreases the size of Metafectene-and Genejammer-DNA complexes but does not affect significantly their transfection activity in SCCVII murine squamous cell carcinoma cells. <i>Cellular and Molecular Biology Letters</i> , 2006, 11, 171-90.	2.7	19
46	Methods to Monitor Liposome Fusion, Permeability, and Interaction with Cells. <i>Methods in Molecular Biology</i> , 2010, 606, 209-232.	0.4	19
47	Phototoxicity of Liposomal Zn- and Al-phthalocyanine Against Cervical and Oral Squamous Cell Carcinoma Cells In Vitro. <i>Medical Science Monitor Basic Research</i> , 2016, 22, 156-164.	2.6	19
48	Delivery of Antiviral Agents in Liposomes. <i>Methods in Enzymology</i> , 2005, 391, 351-373.	0.4	18
49	Longitudinal evaluation of prostaglandin E2 (PGE2) and periodontal status in HIV+ patients. <i>Archives of Oral Biology</i> , 2007, 52, 1102-1108.	0.8	15
50	Lipopolyplexes as Nanomedicines for Therapeutic Gene Delivery. <i>Methods in Enzymology</i> , 2012, 509, 327-338.	0.4	15
51	Inhibition of HIV-1 Env-Mediated Cell-Cell Fusion by Lectins, Peptide T-20, and Neutralizing Antibodies. <i>The Open Virology Journal</i> , 2011, 5, 44-51.	1.8	15
52	Chapter 14 Targeted Lipoplexes for siRNA Delivery. <i>Methods in Enzymology</i> , 2009, 465, 267-287.	0.4	14
53	Inhibition of Viral Membrane Fusion by Peptides and Approaches to Peptide Design. <i>Pathogens</i> , 2021, 10, 1599.	1.2	14
54	Gene delivery to carcinoma cells via novel non-viral vectors: Nanoparticle tracking analysis and suicide gene therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 60, 72-79.	1.9	12

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55	Liposomes and lipopolymeric carriers for gene delivery. <i>Journal of Microencapsulation</i> , 2010, 27, 602-608.	1.2	11
56	Genetic Nanomedicine. <i>Methods in Enzymology</i> , 2012, 509, 355-367.	0.4	11
57	S-seco-porphyrzine as a new member of the seco-porphyrzine family â€“ Synthesis, characterization and photocytotoxicity against cancer cells. <i>Bioorganic Chemistry</i> , 2020, 96, 103634.	2.0	11
58	Cell-Penetrating Peptide-Based Systems for Nucleic Acid Delivery. <i>Methods in Enzymology</i> , 2012, 509, 277-300.	0.4	9
59	Gene Delivery by Cationic Liposomeâ€“DNA Complexes Containing Transferrin or Serum Albumin. <i>Methods in Enzymology</i> , 2003, 373, 369-383.	0.4	8
60	Dynorphinâ€“phospholipid membrane interactions: Role of phospholipid headâ€“group and cholesterol. <i>International Journal of Peptide and Protein Research</i> , 1996, 47, 84-90.	0.1	8
61	Editorial [Hot Topic: Physico-chemical Approach to Targeting Phenomena (Guest Editors: Sadao Hirota) Tj ETQq1 1 0,784314,rgBT /Over	0,6	6
62	<i>Porphyromonas gingivalis</i> stimulates IL-18 secretion in human monocytic THP-1 cells. <i>Microbes and Infection</i> , 2012, 14, 684-689.	1.0	6
63	Eradication of Human Immunodeficiency Virus Type-1 (HIV-1)-Infected Cells. <i>Pharmaceutics</i> , 2019, 11, 255.	2.0	6
64	Nonâ€“viral suicide gene therapy in cervical, oral and pharyngeal carcinoma cells with CMVâ€“and EEVâ€“plasmids. <i>Journal of Gene Medicine</i> , 2018, 20, e3054.	1.4	5
65	Suicide Gene Therapy for Oral Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2019, 1895, 43-55.	0.4	5
66	Biophysical Characterization of Cationic Liposomeâ€“DNA Complexes and their Interaction with Cells. <i>Methods in Enzymology</i> , 2003, 373, 298-312.	0.4	4
67	Comparison of the shape parameters of DNAâ€“cationic lipid complexes and model polyelectrolyteâ€“lipid complexes. <i>Journal of Colloid and Interface Science</i> , 2004, 276, 317-322.	5.0	4
68	A nonviral vector with transfection activity comparable with adenoviral transduction. <i>Therapeutic Delivery</i> , 2016, 7, 739-749.	1.2	4
69	Suicide Gene Therapy of Oral Squamous Cell Carcinoma and Cervical Carcinoma In Vitro. <i>Methods in Molecular Biology</i> , 2019, 1895, 177-184.	0.4	4
70	Photocytotoxicity of liposomal zinc phthalocyanine in oral squamous cell carcinoma and pharyngeal carcinoma cells. <i>Therapeutic Delivery</i> , 2020, 11, 547-556.	1.2	4
71	Gene therapy for oral cancer: efficient delivery of a 'suicide gene' to murine oral cancer cells in physiological milieu. <i>Journal of the California Dental Association</i> , 2005, 33, 967-71.	0.0	4
72	Preface. <i>Methods in Enzymology</i> , 2012, 508, xix-xxi.	0.4	3

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73	pH-Sensitive Liposomes. , 2019, , 713-730.		3
74	Peptide Inhibitors of Viral Membrane Fusion. Medical Research Archives, 2020, 8, .	0.1	3
75	Fusion of Liposomes Induced and Modulated by Proteins and Polypeptides. , 2019, , 195-208.		2
76	Fluorescence Assays For Membrane Fusion. , 2018, , 117-160.		2
77	ProLungâ,,Ç-budesonide Inhibits SARS-CoV-2 Replication and Reduces Lung Inflammation. , 2021, 3, 52-65.		2
78	Fluorescence Methods for Evaluating Lipoplex-Mediated Gene Delivery. Methods in Molecular Biology, 2010, 606, 425-437.	0.4	2
79	Preface. Methods in Enzymology, 2012, 509, xxi-xxiii.	0.4	1
80	A gene therapy approach to eliminate HIV-1-infected cells. Journal of the California Dental Association, 2012, 40, 402-6.	0.0	1
81	Preface. Methods in Enzymology, 2009, 465, xix.	0.4	0
82	HIV-1 Env-Mediated Membrane Fusion Monitored by Fluorescence Microscopy of Syncytium Formation Between Clone69T1RevEnv and SupT1 Cells. Biophysical Journal, 2010, 98, 670a.	0.2	0
83	Gene Delivery to Cancer Cells with Metafectene and Its Derivatives: Nanoparticle Tracking Analysis of Lipoplexes. Biophysical Journal, 2014, 106, 625a.	0.2	0
84	170. TransfeX and TransIT-LT1 Mediated Gene Delivery to Cervical and Oral Squamous Cell Carcinoma Cells. Molecular Therapy, 2015, 23, S68.	3.7	0
85	680. TransfeX-Mediated HSV-tk/Ganciclovir Suicide Gene Therapy in HeLa Cervical Carcinoma and HSC-3, FaDu, and H357 Oral Cancer Cells. Molecular Therapy, 2016, 24, S268-S269.	3.7	0
86	Broadly Neutralizing Anti-HIV-1 Antibodies Do Not Inhibit HIV-1-ENV-Mediated Cell-Cell Fusion. Biophysical Journal, 2018, 114, 603a-604a.	0.2	0
87	Viscometric Analysis of DNA-Lipid Complexes. Methods in Molecular Biology, 2010, 606, 369-383.	0.4	0