Hyejung Mok

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2713360/publications.pdf

Version: 2024-02-01

71 papers	2,851 citations	201674 27 h-index	175258 52 g-index
72 all docs	72 docs citations	72 times ranked	4285 citing authors

#	Article	IF	Citations
1	Target-specific intracellular delivery of siRNA using degradable hyaluronic acid nanogels. Journal of Controlled Release, 2007, 119, 245-252.	9.9	337
2	siRNA Conjugate Delivery Systems. Bioconjugate Chemistry, 2009, 20, 5-14.	3.6	300
3	Multimeric small interfering ribonucleic acid for highly efficient sequence-specific gene silencing. Nature Materials, 2010, 9, 272-278.	27.5	227
4	pH-Sensitive siRNA Nanovector for Targeted Gene Silencing and Cytotoxic Effect in Cancer Cells. Molecular Pharmaceutics, 2010, 7, 1930-1939.	4.6	116
5	Superparamagnetic iron oxide nanoparticle-based delivery systems for biotherapeutics. Expert Opinion on Drug Delivery, 2013, 10, 73-87.	5.0	115
6	Enhanced Intracellular Delivery of Quantum Dot and Adenovirus Nanoparticles Triggered by Acidic pH via Surface Charge Reversal. Bioconjugate Chemistry, 2008, 19, 797-801.	3.6	107
7	Self-assembled siRNAâ€“PLGA conjugate micelles for gene silencing. Journal of Controlled Release, 2011, 152, 152-158.	9.9	96
8	Indocyanine green encapsulated nanogels for hyaluronidase activatable and selective near infrared imaging of tumors and lymph nodes. Chemical Communications, 2012, 48, 8628.	4.1	88
9	Selfâ€crosslinked and reducible fusogenic peptides for intracellular delivery of siRNA. Biopolymers, 2008, 89, 881-888.	2.4	86
10	MSC-based VEGF gene therapy in rat myocardial infarction model using facial amphipathic bile acid-conjugated polyethyleneimine. Biomaterials, 2014, 35, 1744-1754.	11.4	73
11	Current preclinical small interfering RNA (siRNA)-based conjugate systems for RNA therapeutics. Advanced Drug Delivery Reviews, 2016, 104, 78-92.	13.7	72
12	Mannoseâ€Modified Serum Exosomes for the Elevated Uptake to Murine Dendritic Cells and Lymphatic Accumulation. Macromolecular Bioscience, 2019, 19, e1900042.	4.1	70
13	Gene silencing efficiency of siRNA-PEG conjugates: Effect of PEGylation site and PEG molecular weight. Journal of Controlled Release, 2010, 144, 306-313.	9.9	69
14	Small-Interfering RNA (siRNA)-Based Functional Micro- and Nanostructures for Efficient and Selective Gene Silencing. Accounts of Chemical Research, 2012, 45, 1014-1025.	15.6	57
15	Gene Silencing by siRNA Microhydrogels via Polymeric Nanoscale Condensation. Journal of the American Chemical Society, 2011, 133, 13914-13917.	13.7	55
16	Multifunctional siRNA delivery system: Polyelectrolyte complex micelles of sixâ€arm PEG conjugate of siRNA and cell penetrating peptide with crosslinked fusogenic peptide. Biotechnology Progress, 2010, 26, 57-63.	2.6	53
17	Multivalent comb-type aptamerâ€“siRNA conjugates for efficient and selective intracellular delivery. Chemical Communications, 2014, 50, 6765.	4.1	46
18	Reductively Dissociable siRNAâ€Polymer Hybrid Nanogels for Efficient Targeted Gene Silencing. Advanced Functional Materials, 2013, 23, 316-322.	14.9	44

#	Article	IF	Citations
19	Multivalent Aptamerâ€“RNA Conjugates for Simple and Efficient Delivery of Doxorubicin/siRNA into Multidrugâ€Resistant Cells. Macromolecular Bioscience, 2017, 17, 1600343.	4.1	42
20	Direct plasmid DNA encapsulation within PLGA nanospheres by single oil-in-water emulsion method. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 68, 105-111.	4.3	40
21	Submicron-sized hydrogels incorporating cyclic dinucleotides for selective delivery and elevated cytokine release in macrophages. Acta Biomaterialia, 2016, 29, 271-281.	8.3	39
22	Microencapsulation of PEGylated Adenovirus within PLGA Microspheres for Enhanced Stability and Gene Transfection Efficiency. Pharmaceutical Research, 2007, 24, 2263-2269.	3.5	38
23	Cardiac RNAi therapy using RAGE siRNA/deoxycholic acid-modified polyethylenimine complexes for myocardial infarction. Biomaterials, 2014, 35, 7562-7573.	11.4	38
24	Functional Polymers for Targeted Delivery of Nucleic Acid Drugs. Macromolecular Bioscience, 2009, 9, 731-743.	4.1	37
25	Comparative evaluation of cell- and serum-derived exosomes to deliver immune stimulators to lymph nodes. Biomaterials, 2018, 162, 71-81.	11.4	37
26	Recent studies on micro-/nano-sized biomaterials for cancer immunotherapy. Journal of Pharmaceutical Investigation, 2017, 47, 11-18.	5.3	31
27	Dual gene targeted multimeric siRNA for combinatorial gene silencing. Biomaterials, 2011, 32, 2359-2368.	11.4	30
28	Efficient Delivery of Tyrosinase Related Proteinâ€2 (TRP2) Peptides to Lymph Nodes using Serumâ€Derived Exosomes. Macromolecular Bioscience, 2018, 18, e1800301.	4.1	30
29	I-motif-coated exosomes as a pH-sensitive carrier for anticancer drugs. Applied Biological Chemistry, 2018, 61, 599-606.	1.9	23
30	Platelet-derived nanovesicles for hemostasis without release of pro-inflammatory cytokines. Biomaterials Science, 2019, 7, 856-859.	5.4	21
31	Long chain microRNA conjugates in calcium phosphate nanoparticles for efficient formulation and delivery. Archives of Pharmacal Research, 2015, 38, 705-715.	6.3	20
32	RAGE siRNA-mediated gene silencing provides cardioprotection against ventricular arrhythmias in acute ischemia and reperfusion. Journal of Controlled Release, 2015, 217, 315-326.	9.9	20
33	Dual-responsive crosslinked pluronic micelles as a carrier to deliver anticancer drug taxol. Macromolecular Research, 2013, 21, 92-99.	2.4	19
34	CpG incorporated DNA microparticles for elevated immune stimulation for antigen presenting cells. RSC Advances, 2018, 8, 6608-6615.	3.6	19
35	Multivalent aptamerâ€“RNA based fluorescent probes for carrier-free detection of cellular microRNA-34a in mucin1-expressing cancer cells. Chemical Communications, 2015, 51, 9038-9041.	4.1	18
36	Diâ€•and Triblock siRNAâ€PEG Copolymers: PEG Density Effect of Polyelectrolyte Complexes on Cellular Uptake and Gene Silencing Efficiency. Macromolecular Bioscience, 2011, 11, 410-418.	4.1	17

#	Article	IF	Citations
37	Mixed Micelles for Targeted and Efficient Doxorubicin Delivery to Multidrugâ€Resistant Breast Cancer Cells. Macromolecular Bioscience, 2016, 16, 748-758.	4.1	17
38	Complexation of curcumin with 2-aminoethyl diphenyl borate and implications for spatiotemporal fluorescence monitoring. International Journal of Pharmaceutics, 2016, 515, 669-676.	5.2	17
39	Amphiphilic siRNA Conjugates for Co-Delivery of Nucleic Acids and Hydrophobic Drugs. Bioconjugate Chemistry, 2017, 28, 2051-2061.	3.6	17
40	Evaluation of the Enhanced Antioxidant Activity of Curcumin within Exosomes by Fluorescence Monitoring. Biotechnology and Bioprocess Engineering, 2018, 23, 150-157.	2.6	17
41	Exosome-mediated delivery of transforming growth factor-Î² receptor 1 kinase inhibitors and toll-like receptor 7/8 agonists for combination therapy of tumors. Acta Biomaterialia, 2022, 141, 354-363.	8.3	17
42	Dissolution of biomacromolecules in organic solvents by nano-complexing with poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	5.2	16
43	Evaluation of multimeric siRNA conjugates for efficient protamine-based delivery into breast cancer cells. Archives of Pharmacal Research, 2015, 38, 129-136.	6.3	16
44	Shellâ€Crosslinked Hyaluronic Acid Nanogels for Live Monitoring of Hyaluronidase Activity In Vivo. Macromolecular Bioscience, 2014, 14, 881-888.	4.1	15
45	PLGA Microspheres Coated with Cancer Cell-Derived Vesicles for Improved Internalization into Antigen-Presenting Cells and Immune Stimulation. Bioconjugate Chemistry, 2019, 30, 1690-1701.	3.6	14
46	Polydopamine-Coated Porous Microspheres Conjugated with Immune Stimulators for Enhanced Cytokine Induction in Macrophages. Macromolecular Bioscience, 2016, 16, 1562-1569.	4.1	13
47	Crossâ€linked Iron Oxide Nanoparticles for Therapeutic Engineering and in Vivo Monitoring of Mesenchymal Stem Cells in Cerebral Ischemia Model. Macromolecular Bioscience, 2014, 14, 380-389.	4.1	11
48	Citraconylated exosomes for improved internalization into macrophages. Applied Biological Chemistry, 2019, 62, .	1.9	11
49	Exosome-modified PLGA Microspheres for Improved Internalization into Dendritic Cells and Macrophages. Biotechnology and Bioprocess Engineering, 2020, 25, 521-527.	2.6	11
50	Role of ginseng in the neurovascular unit of neuroinflammatory diseases focused on the blood-brain barrier. Journal of Ginseng Research, 2021, 45, 599-609.	5.7	11
51	Indocyanine green-incorporated exosomes for improved in vivo imaging of sentinel lymph node. Applied Biological Chemistry, 2016, 59, 71-76.	1.9	10
52	Implication of multivalent aptamers in DNA and DNAâ€“RNA hybrid structures for efficient drug delivery in vitro and in vivo. Journal of Industrial and Engineering Chemistry, 2018, 60, 250-258.	5.8	9
53	Activated Plateletâ€Derived Vesicles for Efficient Hemostatic Activity. Macromolecular Bioscience, 2020, 20, 1900338.	4.1	9
54	Enhanced Cytoplasmic Delivery of RAGE siRNA Using Bioreducible Polyethylenimineâ€based Nanocarriers for Myocardial Gene Therapy. Macromolecular Bioscience, 2015, 15, 1755-1763.	4.1	8

#	Article	IF	Citations
55	Complementary analysis of curcumin biodistribution using optical fluorescence imaging and mass spectrometry. Applied Biological Chemistry, 2016, 59, 291-295.	1.9	8
56	Formulation of Glycyrrhizic Acid-based Nanocomplexes for Enhanced Anti-cancer and Anti-inflammatory Effects of Curcumin. Biotechnology and Bioprocess Engineering, 2022, 27, 163-170.	2.6	8
57	Linear polyethyleneimine-doxorubicin conjugate for pH-responsive synchronous delivery of drug and microRNA-34a. Macromolecular Research, 2015, 23, 449-456.	2.4	7
58	Enhanced intracellular uptake and stability of umbelliferone in compound mixtures from Angelica gigas inÂvitro. Journal of Pharmacological Sciences, 2019, 140, 8-13.	2.5	7
59	CpG oligonucleotide and Î±-d-mannose conjugate for efficient delivery into macrophages. Applied Biological Chemistry, 2016, 59, 759-763.	1.9	6
60	Cleavable conjugation of CpG oligodeoxynucleotides onto microparticles for facile release and cytokine induction in macrophages. Applied Biological Chemistry, 2017, 60, 321-326.	1.9	6
61	Enzymatically Produced miR34a Nanoparticles for Enhanced Antiproliferation Activity. Advanced Biology, 2018, 2, 1700158.	3.0	6
62	Effects of curcumin-/boron-based compound complexation on antioxidant and antiproliferation activity. Applied Biological Chemistry, 2018, 61, 403-408.	1.9	6
63	Byakangelicin as a modulator for improved distribution and bioactivity of natural compounds and synthetic drugs in the brain. Phytomedicine, 2019, 62, 152963.	5.3	6
64	Small Interfering <scp>RNA</scp> Nunchucks with a Hydrophobic Linker for Efficient Intracellular Delivery. Macromolecular Bioscience, 2014, 14, 195-201.	4.1	5
65	Efficient Enrichment and Analysis of Vicinal-Diol-Containing Flavonoid Molecules Using Boronic-Acid-Functionalized Particles and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2018, 66, 4741-4747.	5.2	5
66	Protective Effects of Titanium Dioxide-based Emulsion after Short-term and Long-term Infrared-A Ray Irradiation on Skin Cells. Biotechnology and Bioprocess Engineering, 2021, 26, 595-605.	2.6	5
67	Cancerâ€Cellâ€Derived Hybrid Vesicles from MCFâ€7 and HeLa Cells for Dualâ€Homotypic Targeting of Anticancer Drugs. Macromolecular Bioscience, 2021, 21, 2100067.	4.1	3
68	Analysis of the biodistribution of natural products in mice by using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Applied Biological Chemistry, 2018, 61, 251-255.	1.9	2
69	Evaluation of Lipid-polyethylenimine Conjugates as Biocompatible Carriers of CpG Oligodeoxynucleotides to Macrophages. Biotechnology and Bioprocess Engineering, 2021, 26, 586-594.	2.6	1
70	Chronic <scp>infraredâ€A</scp> irradiationâ€induced photoaging of human dermal fibroblasts from different donors at physiological temperature. Photodermatology Photoimmunology and Photomedicine, 2022, 38, 571-581.	1.5	1
71	Curcumin-Incorporated Polymeric Scaffolds and Their Potential for the Detection of Radical Molecules. Macromolecular Research, 2018, 26, 145-150.	2.4	0