

Yu-Kyoung Oh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

9,063
citations

51
h-index

86
g-index

226
ext. papers

10,057
ext. citations

7.9
avg, IF

6.11
L-index

#	Paper	IF	Citations
217	Targeting cancer-associated fibroblasts in immunotherapy 2022 , 163-209		0
216	Fibroblast activation protein activated antifibrotic peptide delivery attenuates fibrosis in mouse models of liver fibrosis.. <i>Nature Communications</i> , 2022 , 13, 1516	17.4	0
215	DNA-based artificial dendritic cells for in situ cytotoxic T cell stimulation and immunotherapy.. <i>Bioactive Materials</i> , 2022 , 15, 160-172	16.7	1
214	In vivo fate and intracellular trafficking of vaccine delivery systems.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 186, 114325	18.5	1
213	In vivo therapeutic genome editing via CRISPR/Cas9 magnetoplexes for myocardial infarction.. <i>Biomaterials</i> , 2021 , 281, 121327	15.6	0
212	Fibrinolytic nanocages dissolve clots in the tumor microenvironment, improving the distribution and therapeutic efficacy of anticancer drugs. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1592-1601	12.8	1
211	Genome-Editing-Mediated Restructuring of Tumor Immune Microenvironment for Prevention of Metastasis. <i>ACS Nano</i> , 2021 ,	16.7	6
210	Human endogenous retrovirus-enveloped baculoviral DNA vaccines against MERS-CoV and SARS-CoV2. <i>Npj Vaccines</i> , 2021 , 6, 37	9.5	5
209	Advances in vaccine delivery systems against viral infectious diseases. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1401-1419	6.2	7
208	The Safe Baculovirus-Based PrM/E DNA Vaccine Protected Fetuses Against Zika Virus in A129 Mice. <i>Vaccines</i> , 2021 , 9,	5.3	1
207	Lipid Nanoparticle-Mediated Lymphatic Delivery of Immunostimulatory Nucleic Acids. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
206	Crystal structures of human NSDHL and development of its novel inhibitor with the potential to suppress EGFR activity. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 207-225	10.3	8
205	Nanoparticle-Mediated Lipid Metabolic Reprogramming of T Cells in Tumor Microenvironments for Immunometabolic Therapy. <i>Nano-Micro Letters</i> , 2021 , 13, 31	19.5	10
204	Melanin-loaded CpG DNA hydrogel for modulation of tumor immune microenvironment. <i>Journal of Controlled Release</i> , 2021 , 330, 540-553	11.7	23
203	Photosensitizer-Free Phototherapy with Peptide Micelle Nanoadjuvants for Cancer Vaccine against Metastasis of Melanoma. <i>Advanced Therapeutics</i> , 2021 , 4, 2000288	4.9	1
202	Cell membrane-derived vesicles for delivery of therapeutic agents. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2096-2113	15.5	13
201	Bioactive Lipids and Their Derivatives in Biomedical Applications. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 465-482	4.2	4

200	Systematic Review of Recent Lipidomics Approaches Toward Inflammatory Bowel Disease. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 582-595	4.2	0
199	Nanocomplex-Mediated In Vivo Programming to Chimeric Antigen Receptor-M1 Macrophages for Cancer Therapy. <i>Advanced Materials</i> , 2021 , 33, e2103258	24	12
198	Gene therapy strategies for rare monogenic disorders with nuclear or mitochondrial gene mutations. <i>Biomaterials</i> , 2021 , 277, 121108	15.6	2
197	Biomaterials for gene editing therapeutics 2020 , 187-231		
196	Hyperbranched lipid-based lipid nanoparticles for bidirectional regulation of collagen accumulation in liver fibrosis. <i>Journal of Controlled Release</i> , 2020 , 321, 629-640	11.7	20
195	Risk factors and renal outcomes of low bone mineral density in patients with non-dialysis chronic kidney disease. <i>Osteoporosis International</i> , 2020 , 31, 2373-2382	5.3	4
194	Biomimetic polymeric nanoparticle-based photodynamic immunotherapy and protection against tumor rechallenge. <i>Biomaterials Science</i> , 2020 , 8, 1106-1116	7.4	15
193	Extracellular matrix-penetrating nanodril micelles for liver fibrosis therapy. <i>Biomaterials</i> , 2020 , 230, 119616	15.6	28
192	Biochemical reprogramming of tumors for active modulation of receptor-mediated nanomaterial delivery. <i>Biomaterials</i> , 2020 , 262, 120343	15.6	3
191	Tannic acid-functionalized boron nitride nanosheets for theranostics. <i>Journal of Controlled Release</i> , 2020 , 327, 616-626	11.7	13
190	Molecular engineering of antibodies for site-specific conjugation to lipid polydopamine hybrid nanoparticles. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 2212-2226	15.5	11
189	Photosensitizer-Trapped Gold Nanocluster for Dual Light-Responsive Phototherapy. <i>Biomedicines</i> , 2020 , 8,	4.8	4
188	Nanovesicle-Mediated Delivery Systems for CRISPR/Cas Genome Editing. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
187	Noncovalent tethering of nucleic acid aptamer on DNA nanostructure for targeted photo/chemo/gene therapies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102053	6	7
186	A Peptide Probe Enables Photoacoustic-Guided Imaging and Drug Delivery to Lung Tumors in Mutant Mice. <i>Cancer Research</i> , 2019 , 79, 4271-4282	10.1	22
185	Nanoadjuvant-Assembled Tumor Vaccine for Preventing Long-Term Recurrence. <i>ACS Nano</i> , 2019 , 13, 7442-7462	16.7	61
184	Nanomaterial-Based Modulation of Tumor Microenvironments for Enhancing Chemo/Immunotherapy. <i>AAPS Journal</i> , 2019 , 21, 64	3.7	12
183	In vivo neuronal gene editing via CRISPR-Cas9 amphiphilic nanocomplexes alleviates deficits in mouse models of Alzheimer's disease. <i>Nature Neuroscience</i> , 2019 , 22, 524-528	25.5	100

182	Sequential activation of anticancer therapy triggered by tumor microenvironment-selective imaging. <i>Journal of Controlled Release</i> , 2019 , 298, 110-119	11.7	10
181	Nanomaterials for modulating innate immune cells in cancer immunotherapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019 , 14, 16-29	9	25
180	Cas9-edited immune checkpoint blockade PD-1 DNA polyaptamer hydrogel for cancer immunotherapy. <i>Biomaterials</i> , 2019 , 218, 119359	15.6	25
179	A Microbial Siderophore-Inspired Self-Gelling Hydrogel for Noninvasive Anticancer Phototherapy. <i>Cancer Research</i> , 2019 , 79, 6178-6189	10.1	9
178	Effect of Fc Fusion on Folding and Immunogenicity of Middle East Respiratory Syndrome Coronavirus Spike Protein. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 813-819	3.3	7
177	High Molecular Weight Chitosan-Complexed RNA Nanoadjuvant for Effective Cancer Immunotherapy. <i>Pharmaceutics</i> , 2019 , 11,	6.4	8
176	Safety and photochemotherapeutic application of poly(-glutamic acid)-based biopolymeric nanoparticle. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 565-574	15.5	14
175	Staphylococcus aureus-mimetic control of antibody orientation on nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 267-277	6	8
174	Applications of π -stacking interactions in the design of drug-delivery systems. <i>Journal of Controlled Release</i> , 2019 , 294, 311-326	11.7	133
173	Stemmed DNA nanostructure for the selective delivery of therapeutics. <i>Nanoscale</i> , 2018 , 10, 7511-7518	7.7	15
172	Chemokine-mimetic plerixafor derivative for tumor-specific delivery of nanomaterials. <i>Nano Research</i> , 2018 , 11, 2159-2172	10	3
171	Nonviral Delivery Systems for Cancer Gene Therapy: Strategies and Challenges. <i>Current Gene Therapy</i> , 2018 , 18, 3-20	4.3	36
170	Nano delivery systems and cancer immunotherapy. <i>Journal of Pharmaceutical Investigation</i> , 2018 , 48, 527-539	6.3	51
169	Vitamin A-decorated biocompatible micelles for chemogene therapy of liver fibrosis. <i>Journal of Controlled Release</i> , 2018 , 283, 113-125	11.7	42
168	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. <i>Journal of Controlled Release</i> , 2017 , 246, 183-184	11.7	45
167	Progress of Middle East respiratory syndrome coronavirus vaccines: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 721-731	6.8	12
166	Therapeutic gene editing: delivery and regulatory perspectives. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 738-753	8	64
165	Nanoformulation-based sequential combination cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2017 , 115, 57-81	18.5	55

164	Claudin 4-targeted nanographene phototherapy using a Clostridium perfringens enterotoxin peptide-photosensitizer conjugate. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 954-962	8	14
163	Irinotecan-loaded double-reversible thermogel with improved antitumor efficacy without initial burst effect and toxicity for intramuscular administration. <i>Acta Biomaterialia</i> , 2017 , 54, 239-248	10.8	49
162	Activation of AMPK by berberine induces hepatic lipid accumulation by upregulation of fatty acid translocase CD36 in mice. <i>Toxicology and Applied Pharmacology</i> , 2017 , 316, 74-82	4.6	32
161	Suppressed ubiquitination of Nrf2 by p47 contributes to Nrf2 activation. <i>Free Radical Biology and Medicine</i> , 2017 , 113, 48-58	7.8	11
160	Light-switchable systems for remotely controlled drug delivery. <i>Journal of Controlled Release</i> , 2017 , 267, 67-79	11.7	44
159	Immune-camouflaged graphene oxide nanosheets for negative regulation of phagocytosis by macrophages. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6666-6675	7.3	7
158	Bacteriomimetic poly- γ -glutamic acid surface coating for hemocompatibility and safety of nanomaterials. <i>Nanotoxicology</i> , 2017 , 11, 762-770	5.3	7
157	Selective Activation of Anticancer Chemotherapy by Cancer-Associated Fibroblasts in the Tumor Microenvironment. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	47
156	Effect of HPV E6/E7 siRNA with Chemotherapeutic Agents on the Regulation of TP53/E2F Dynamic Behavior for Cell Fate Decisions. <i>Neoplasia</i> , 2017 , 19, 735-749	6.4	10
155	Surface-modified liposomes for syndecan 2-targeted delivery of edelfosine. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016 , 11, 596-602	9	5
154	Current status and regulatory perspective of chimeric antigen receptor-modified T cell therapeutics. <i>Archives of Pharmacal Research</i> , 2016 , 39, 437-452	6.1	20
153	Transmission of Porcine Endogenous Retrovirus Produced from Different Recipient Cells In Vivo. <i>PLoS ONE</i> , 2016 , 11, e0165156	3.7	6
152	Novel electrosprayed nanospherules for enhanced aqueous solubility and oral bioavailability of poorly water-soluble fenofibrate. <i>International Journal of Nanomedicine</i> , 2016 , 11, 213-21	7.3	24
151	A Simple Mouse Model for the Study of Human Immunodeficiency Virus. <i>AIDS Research and Human Retroviruses</i> , 2016 , 32, 194-202	1.6	23
150	Graphene-based nanosheets for delivery of chemotherapeutics and biological drugs. <i>Advanced Drug Delivery Reviews</i> , 2016 , 105, 205-227	18.5	146
149	Lipid-based antigen delivery systems. <i>Journal of Pharmaceutical Investigation</i> , 2016 , 46, 295-304	6.3	10
148	Biodegradable graphene oxide and polyaptamer DNA hybrid hydrogels for implantable drug delivery. <i>Carbon</i> , 2016 , 105, 14-22	10.4	30
147	Therapeutic potential of an AChERV-HPV L1 DNA vaccine. <i>Journal of Microbiology</i> , 2015 , 53, 415-20	3	8

146	Enhanced survival of human mesenchymal stem cells following co-delivery with glucagon-like peptide-1 analogue in fibrin gel. <i>Journal of Pharmaceutical Investigation</i> , 2015 , 45, 143-149	6.3	2
145	Enhanced oral bioavailability of fenofibrate using polymeric nanoparticulated systems: physicochemical characterization and in vivo investigation. <i>International Journal of Nanomedicine</i> , 2015 , 10, 1819-30	7.3	36
144	Functionalization of nano-graphenes by chimeric peptide engineering. <i>RSC Advances</i> , 2015 , 5, 49905-49913	3.7	10
143	Biomimetic chimeric peptide-tethered hydrogels for human mesenchymal stem cell delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 634-40	6	1
142	Development of a novel solid lipid nanoparticles-loaded dual-reverse thermosensitive nanomicelle for intramuscular administration with sustained release and reduced toxicity. <i>RSC Advances</i> , 2015 , 5, 43687-43694	3.7	22
141	Comparative study on solid self-nanoemulsifying drug delivery and solid dispersion system for enhanced solubility and bioavailability of ezetimibe. <i>International Journal of Nanomedicine</i> , 2015 , 10, 6147-59	7.3	27
140	Sublingual immunization of trivalent human papillomavirus DNA vaccine in baculovirus nanovector for protection against vaginal challenge. <i>PLoS ONE</i> , 2015 , 10, e0119408	3.7	10
139	Comparison of Repellency Effect of Mosquito Repellents for DEET, Citronella, and Fennel Oil. <i>Journal of Parasitology Research</i> , 2015 , 2015, 361021	1.9	14
138	Image-guided synergistic photothermal therapy using photoresponsive imaging agent-loaded graphene-based nanosheets. <i>Journal of Controlled Release</i> , 2015 , 211, 28-36	11.7	77
137	Biomimetic DNA nanoballs for oligonucleotide delivery. <i>Biomaterials</i> , 2015 , 62, 155-63	15.6	30
136	Polyaptamer DNA nanothread-anchored, reduced graphene oxide nanosheets for targeted delivery. <i>Biomaterials</i> , 2015 , 48, 129-36	15.6	44
135	Pharmacokinetics and in vivo fate of intra-articularly transplanted human bone marrow-derived clonal mesenchymal stem cells. <i>Stem Cells and Development</i> , 2015 , 24, 1124-32	4.4	32
134	Liposomal co-delivery of omacetaxine mepesuccinate and doxorubicin for synergistic potentiation of antitumor activity. <i>Pharmaceutical Research</i> , 2014 , 31, 2178-85	4.5	13
133	Double stranded aptamer-anchored reduced graphene oxide as target-specific nano detector. <i>Biomaterials</i> , 2014 , 35, 2999-3004	15.6	32
132	Reduced graphene oxide nanosheets coated with an anti-angiogenic anticancer low-molecular-weight heparin derivative for delivery of anticancer drugs. <i>Journal of Controlled Release</i> , 2014 , 189, 80-9	11.7	65
131	Structure-dependent photothermal anticancer effects of carbon-based photoresponsive nanomaterials. <i>Biomaterials</i> , 2014 , 35, 4058-65	15.6	53
130	Nanotechnology and vaccine development. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014 , 9, 227-235	9	81
129	Development and evaluation of a semifield test for repellent efficacy testing. <i>Journal of Medical Entomology</i> , 2014 , 51, 182-8	2.2	4

128	Immunogenicity of a trivalent human papillomavirus L1 DNA-encapsidated, non-replicable baculovirus nanovaccine. <i>PLoS ONE</i> , 2014 , 9, e95961	3.7	10
127	Pharmaceutical applications of graphene-based nanosheets. <i>Current Pharmaceutical Biotechnology</i> , 2014 , 14, 1016-26	2.6	9
126	Sub-acute toxicity study in female ICR mice following repetitive intramuscular injection of cervical cancer vaccines. <i>Environmental Health and Toxicology</i> , 2014 , 29, e2014024	0.7	
125	Enhanced survival of transplanted human adipose-derived stem cells by co-delivery with liposomal apoptosome inhibitor in fibrin gel matrix. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 673-81	5.7	13
124	Discovery of novel (1S)-(-)-verbenone derivatives with anti-oxidant and anti-ischemic effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5421-5	2.9	15
123	⁶⁴ Cu-Labeled tetraiodothyroacetic acid-conjugated liposomes for PET imaging of tumor angiogenesis. <i>Nuclear Medicine and Biology</i> , 2013 , 40, 1018-24	2.1	20
122	Effect of biocompatible polymers on the physicochemical and dissolution properties of fenofibrate in nanoparticle system. <i>Journal of Pharmaceutical Investigation</i> , 2013 , 43, 507-512	6.3	4
121	Cholesteryl hyaluronic acid-coated, reduced graphene oxide nanosheets for anti-cancer drug delivery. <i>Biomaterials</i> , 2013 , 34, 9638-47	15.6	149
120	Application of cationic liposomes for delivery of nucleic acids. <i>Asian Journal of Pharmaceutical Sciences</i> , 2013 , 8, 72-80	9	68
119	Nrf2 is essential for the expression of lipocalin-prostaglandin D synthase induced by prostaglandin D2. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1134-1142	7.8	15
118	Safety and tumor tissue accumulation of pegylated graphene oxide nanosheets for co-delivery of anticancer drug and photosensitizer. <i>Biomaterials</i> , 2013 , 34, 3402-10	15.6	196
117	Docetaxel-loaded thermosensitive and bioadhesive nanomicelles as a rectal drug delivery system for enhanced chemotherapeutic effect. <i>Pharmaceutical Research</i> , 2013 , 30, 1860-70	4.5	35
116	Enhanced intrapulmonary delivery of anticancer siRNA for lung cancer therapy using cationic ethylphosphocholine-based nanolipoplexes. <i>Molecular Therapy</i> , 2013 , 21, 816-24	11.7	45
115	Development of docetaxel-loaded solid self-nanoemulsifying drug delivery system (SNEDDS) for enhanced chemotherapeutic effect. <i>International Journal of Pharmaceutics</i> , 2013 , 452, 412-20	6.5	114
114	Initial preclinical safety of non-replicating human endogenous retrovirus envelope protein-coated baculovirus vector-based vaccines against human papillomavirus. <i>Journal of Applied Toxicology</i> , 2013 , 33, 1474-83	4.1	1
113	Protective efficacy of a human endogenous retrovirus envelope-coated, nonreplicable, baculovirus-based hemagglutinin vaccine against pandemic influenza H1N1 2009. <i>PLoS ONE</i> , 2013 , 8, e80762	3.7	9
112	Tumor vasculature targeting following co-delivery of heparin-taurocholate conjugate and suberoylanilide hydroxamic acid using cationic nanolipoplex. <i>Biomaterials</i> , 2012 , 33, 4424-30	15.6	33
111	The synergistic therapeutic effect of cisplatin with Human papillomavirus E6/E7 short interfering RNA on cervical cancer cell lines in vitro and in vivo. <i>International Journal of Cancer</i> , 2012 , 130, 1925-36	7.5	30

110	Preclinical pharmacokinetics and biodistribution of human papillomavirus DNA vaccine delivered in human endogenous retrovirus envelope-coated baculovirus vector. <i>Pharmaceutical Research</i> , 2012 , 29, 585-93	4.5	6
109	Immunogenicity of bivalent human papillomavirus DNA vaccine using human endogenous retrovirus envelope-coated baculoviral vectors in mice and pigs. <i>PLoS ONE</i> , 2012 , 7, e50296	3.7	14
108	Cationic solid lipid nanoparticles for co-delivery of paclitaxel and siRNA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 268-73	5.7	118
107	Effects of solid carriers on the crystalline properties, dissolution and bioavailability of flurbiprofen in solid self-nanoemulsifying drug delivery system (solid SNEDDS). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 289-97	5.7	116
106	Tetraiodothyroacetic acid-tagged liposomes for enhanced delivery of anticancer drug to tumor tissue via integrin receptor. <i>Journal of Controlled Release</i> , 2012 , 164, 213-20	11.7	25
105	Functional PEGylated Chitosan Systems for Biopharmaceuticals 2012 , 301-317		2
104	Cross-linked hyaluronic acid-based flexible cell delivery system: application for chondrogenic differentiation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 91, 106-13	6	29
103	Enhanced tumor localization and retention of chlorin e6 in cationic nanolipoplexes potentiate the tumor ablation effects of photodynamic therapy. <i>Nanotechnology</i> , 2011 , 22, 365101	3.4	15
102	Antifibrotic effect of MMP13-encoding plasmid DNA delivered using polyethylenimine shielded with hyaluronic acid. <i>Molecular Therapy</i> , 2011 , 19, 355-61	11.7	33
101	Repression of porcine endogenous retrovirus infection by human APOBEC3 proteins. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 407, 266-70	3.4	13
100	A novel peptide probe for imaging and targeted delivery of liposomal doxorubicin to lung tumor. <i>Molecular Pharmaceutics</i> , 2011 , 8, 430-8	5.6	48
99	Topical application of porcine placenta extract inhibits the progression of experimental contact hypersensitivity. <i>Journal of Ethnopharmacology</i> , 2011 , 133, 654-62	5	33
98	Effect of process parameters on nanoemulsion droplet size and distribution in SPG membrane emulsification. <i>International Journal of Pharmaceutics</i> , 2011 , 404, 191-7	6.5	73
97	Trilysinoyl oleylamide-based cationic liposomes for systemic co-delivery of siRNA and an anticancer drug. <i>Journal of Controlled Release</i> , 2011 , 155, 60-6	11.7	81
96	In situ dose amplification by apoptosis-targeted drug delivery. <i>Journal of Controlled Release</i> , 2011 , 154, 214-7	11.7	22
95	Cationic drug-derived nanoparticles for multifunctional delivery of anticancer siRNA. <i>Biomaterials</i> , 2011 , 32, 9785-95	15.6	56
94	Advances in human papilloma virus vaccines: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2011 , 21, 295-309	6.8	18
93	Cationic liposomal co-delivery of small interfering RNA and a MEK inhibitor for enhanced anticancer efficacy. <i>Pharmaceutical Research</i> , 2011 , 28, 3069-78	4.5	53

92	Upregulation of RhoB via c-Jun N-terminal kinase signaling induces apoptosis of the human gastric carcinoma NUGC-3 cells treated with NSC12618. <i>Carcinogenesis</i> , 2011 , 32, 254-61	4.6	21
91	Tocopheryl oligochitosan-based self assembling oligomersomes for siRNA delivery. <i>Biomaterials</i> , 2011 , 32, 849-57	15.6	46
90	Maltosylated polyethylenimine-based triple nanocomplexes of human papillomavirus 16L1 protein and DNA as a vaccine co-delivery system. <i>Biomaterials</i> , 2011 , 32, 4621-9	15.6	19
89	Rapid determination of perv copy number from porcine genomic DNA by real-time polymerase chain reaction. <i>Animal Biotechnology</i> , 2011 , 22, 175-80	1.4	14
88	Enhanced transfection rates of small-interfering RNA using dioleoylglutamide-based magnetic lipoplexes. <i>Nucleic Acid Therapeutics</i> , 2011 , 21, 165-72	4.8	11
87	<i>Bacteroides fragilis</i> enterotoxin induces human beta-defensin-2 expression in intestinal epithelial cells via a mitogen-activated protein kinase/I kappaB kinase/NF-kappaB-dependent pathway. <i>Infection and Immunity</i> , 2010 , 78, 2024-33	3.7	39
86	Development of a novel viral DNA vaccine against human papillomavirus: AchERV-HP16L1. <i>Vaccine</i> , 2010 , 28, 1613-9	4.1	35
85	Enhanced humoral and cellular immune responses after sublingual immunization against human papillomavirus 16 L1 protein with adjuvants. <i>Vaccine</i> , 2010 , 28, 2598-606	4.1	32
84	Enhanced solubility and bioavailability of sibutramine base by solid dispersion system with aqueous medium. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 279-84	2.3	24
83	This month in APR. Hepatocyte-targeting and sustained gene delivery. <i>Archives of Pharmacal Research</i> , 2010 , 33, 497-8	6.1	
82	Stability and cellular uptake of polymerized siRNA (poly-siRNA)/polyethylenimine (PEI) complexes for efficient gene silencing. <i>Journal of Controlled Release</i> , 2010 , 141, 339-46	11.7	161
81	Assessment of siRNA pharmacokinetics using ELISA-based quantification. <i>Journal of Controlled Release</i> , 2010 , 143, 80-7	11.7	13
80	Tumor-homing glycol chitosan/polyethylenimine nanoparticles for the systemic delivery of siRNA in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2010 , 144, 134-43	11.7	124
79	Pegylated poly-l-arginine derivatives of chitosan for effective delivery of siRNA. <i>Journal of Controlled Release</i> , 2010 , 145, 159-64	11.7	86
78	In vivo imaging of tumor apoptosis using histone H1-targeting peptide. <i>Journal of Controlled Release</i> , 2010 , 148, 283-91	11.7	69
77	Dual effects of <i>Helicobacter pylori</i> vacuolating cytotoxin on human eosinophil apoptosis in early and late periods of stimulation. <i>European Journal of Immunology</i> , 2010 , 40, 1651-62	6.1	17
76	Reduced dose-limiting toxicity of intraperitoneal mitoxantrone chemotherapy using cardiolipin-based anionic liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 769-76	6.6	20
75	Cationic derivatives of biocompatible hyaluronic acids for delivery of siRNA and antisense oligonucleotides. <i>Journal of Drug Targeting</i> , 2009 , 17, 123-32	5.4	42

74	Cellular uptake mechanism and intracellular fate of hydrophobically modified glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2009 , 135, 259-67	11.7	475
73	Anionic amino acid-derived cationic lipid for siRNA delivery. <i>Journal of Controlled Release</i> , 2009 , 140, 268-76	11.7	45
72	Antitumor activity of EGFR targeted pH-sensitive immunoliposomes encapsulating gemcitabine in A549 xenograft nude mice. <i>Journal of Controlled Release</i> , 2009 , 140, 55-60	11.7	128
71	Hyaluronic acid complexed to biodegradable poly L-arginine for targeted delivery of siRNAs. <i>Journal of Gene Medicine</i> , 2009 , 11, 791-803	3.5	59
70	Oponized erythrocyte ghosts for liver-targeted delivery of antisense oligodeoxynucleotides. <i>Biomaterials</i> , 2009 , 30, 959-67	15.6	29
69	Suppression of hepatitis B virus-derived human hepatocellular carcinoma by NF-kappaB-inducing kinase-specific siRNA using liver-targeting liposomes. <i>Archives of Pharmacal Research</i> , 2009 , 32, 1077-86	6.1	16
68	Tumor specificity and therapeutic efficacy of photosensitizer-encapsulated glycol chitosan-based nanoparticles in tumor-bearing mice. <i>Biomaterials</i> , 2009 , 30, 2929-39	15.6	151
67	siRNA conjugate delivery systems. <i>Bioconjugate Chemistry</i> , 2009 , 20, 5-14	6.3	263
66	siRNA delivery systems for cancer treatment. <i>Advanced Drug Delivery Reviews</i> , 2009 , 61, 850-62	18.5	518
65	Maltose binding protein facilitates high-level expression and functional purification of the chemokines RANTES and SDF-1alpha from Escherichia coli. <i>Protein Expression and Purification</i> , 2008 , 60, 37-45	2	18
64	Modulation of biodistribution and expression of plasmid DNA following mesenchymal progenitor cell-based delivery. <i>Journal of Drug Targeting</i> , 2008 , 16, 405-14	5.4	3
63	Novel cationic cholesterol derivative-based liposomes for serum-enhanced delivery of siRNA. <i>International Journal of Pharmaceutics</i> , 2008 , 353, 260-9	6.5	61
62	DUB-1, a fate determinant of dynein heavy chain in B-lymphocytes, is regulated by the ubiquitin-proteasome pathway. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 1420-9	4.7	11
61	Hyaluronic acid-polyethyleneimine conjugate for target specific intracellular delivery of siRNA. <i>Biopolymers</i> , 2008 , 89, 635-42	2.2	128
60	Biodistribution and tissue expression kinetics of plasmid DNA complexed with polyethylenimines of different molecular weight and structure. <i>Journal of Controlled Release</i> , 2007 , 118, 118-25	11.7	58
59	Target-specific intracellular delivery of siRNA using degradable hyaluronic acid nanogels. <i>Journal of Controlled Release</i> , 2007 , 119, 245-52	11.7	307
58	Effects of transcription factor activator protein-1 on interleukin-8 expression and enteritis in response to Clostridium difficile toxin A. <i>Journal of Molecular Medicine</i> , 2007 , 85, 1393-404	5.5	36
57	Enhanced brain targeting efficiency of intranasally administered plasmid DNA: an alternative route for brain gene therapy. <i>Journal of Molecular Medicine</i> , 2007 , 85, 75-83	5.5	44

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1	Applications of Ligand-Engineered Nanomedicines1		1