Yu-Kyoung Oh

List of Publications by Year
in descending order

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220	11,224	23500 58	38300 95
papers	citations	h-index	g-index

226	226	226	14469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	siRNA delivery systems for cancer treatment. Advanced Drug Delivery Reviews, 2009, 61, 850-862.	6.6	581
2	Cellular uptake mechanism and intracellular fate of hydrophobically modified glycol chitosan nanoparticles. Journal of Controlled Release, 2009, 135, 259-267.	4.8	509
3	Target-specific intracellular delivery of siRNA using degradable hyaluronic acid nanogels. Journal of Controlled Release, 2007, 119, 245-252.	4.8	337
4	siRNA Conjugate Delivery Systems. Bioconjugate Chemistry, 2009, 20, 5-14.	1.8	300
5	Applications of Ï€-Ï€ stacking interactions in the design of drug-delivery systems. Journal of Controlled Release, 2019, 294, 311-326.	4.8	237
6	Safety and tumor tissue accumulation of pegylated graphene oxide nanosheets for co-delivery of anticancer drug and photosensitizer. Biomaterials, 2013, 34, 3402-3410.	5.7	219
7	Development of in situ-gelling and mucoadhesive acetaminophen liquid suppository. International Journal of Pharmaceutics, 1998, 165, 33-44.	2.6	215
8	Rheological evaluation of thermosensitive and mucoadhesive vaginal gels in physiological conditions. International Journal of Pharmaceutics, 2002, 241, 155-163.	2.6	187
9	In vivo neuronal gene editing via CRISPRâ€“Cas9 amphiphilic nanocomplexes alleviates deficits in mouse models of Alzheimerâ€™s disease. Nature Neuroscience, 2019, 22, 524-528.	7.1	183
10	Stability and cellular uptake of polymerized siRNA (poly-siRNA)/polyethylenimine (PEI) complexes for efficient gene silencing. Journal of Controlled Release, 2010, 141, 339-346.	4.8	170
11	Graphene-based nanosheets for delivery of chemotherapeutics and biological drugs. Advanced Drug Delivery Reviews, 2016, 105, 205-227.	6.6	170
12	Cholesteryl hyaluronic acid-coated, reduced graphene oxide nanosheets for anti-cancer drug delivery. Biomaterials, 2013, 34, 9638-9647.	5.7	168
13	Tumor specificity and therapeutic efficacy of photosensitizer-encapsulated glycol chitosan-based nanoparticles in tumor-bearing mice. Biomaterials, 2009, 30, 2929-2939.	5.7	163
14	In situ gelling and mucoadhesive liquid suppository containing acetaminophen: enhanced bioavailability. International Journal of Pharmaceutics, 1998, 165, 23-32.	2.6	156
15	Prolonged antifungal effects of clotrimazole-containing mucoadhesive thermosensitive gels on vaginitis. Journal of Controlled Release, 2002, 82, 39-50.	4.8	146
16	Tumor-homing glycol chitosan/polyethylenimine nanoparticles for the systemic delivery of siRNA in tumor-bearing mice. Journal of Controlled Release, 2010, 144, 134-143.	4.8	145
17	Cationic solid lipid nanoparticles for co-delivery of paclitaxel and siRNA. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 268-273.	2.0	142
18	Hyaluronic acidâ€“polyethyleneimine conjugate for target specific intracellular delivery of siRNA. Biopolymers, 2008, 89, 635-642.	1.2	141

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19	Effects of solid carriers on the crystalline properties, dissolution and bioavailability of flurbiprofen in solid self-nanoemulsifying drug delivery system (solid SNEDDS). European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 289-297.	2.0	140
20	Antitumor activity of EGFR targeted pH-sensitive immunoliposomes encapsulating gemcitabine in A549 xenograft nude mice. Journal of Controlled Release, 2009, 140, 55-60.	4.8	139
21	Development of docetaxel-loaded solid self-nanoemulsifying drug delivery system (SNEDDS) for enhanced chemotherapeutic effect. International Journal of Pharmaceutics, 2013, 452, 412-420.	2.6	136
22	Different fates of phagocytosed particles after delivery into macrophage lysosomes.. Journal of Cell Biology, 1996, 132, 585-593.	2.3	124
23	Formulation and efficacy of liposome-encapsulated antibiotics for therapy of intracellular Mycobacterium avium infection. Antimicrobial Agents and Chemotherapy, 1995, 39, 2104-2111.	1.4	121
24	Rapid and complete fusion of macrophage lysosomes with phagosomes containing Salmonella typhimurium. Infection and Immunity, 1996, 64, 3877-3883.	1.0	118
25	Effect of edge activators on the formation and transfection efficiency of ultradeformable liposomes. Biomaterials, 2005, 26, 205-210.	5.7	112
26	Nanotechnology and vaccine development. Asian Journal of Pharmaceutical Sciences, 2014, 9, 227-235.	4.3	105
27	In Situ Nanoadjuvant-Assembled Tumor Vaccine for Preventing Long-Term Recurrence. ACS Nano, 2019, 13, 7442-7462.	7.3	104
28	Pegylated poly-l-arginine derivatives of chitosan for effective delivery of siRNA. Journal of Controlled Release, 2010, 145, 159-164.	4.8	97
29	Therapeutic gene editing: delivery and regulatory perspectives. Acta Pharmacologica Sinica, 2017, 38, 738-753.	2.8	95
30	Trilysinoyl oleylamide-based cationic liposomes for systemic co-delivery of siRNA and an anticancer drug. Journal of Controlled Release, 2011, 155, 60-66.	4.8	91
31	Polarized secretion of CXC chemokines by human intestinal epithelial cells in response to Bacteroides fragilis enterotoxin: NF-Îº B plays a major role in the regulation of IL-8 expression. Clinical and Experimental Immunology, 2001, 123, 421-427.	1.1	87
32	Image-guided synergistic photothermal therapy using photoresponsive imaging agent-loaded graphene-based nanosheets. Journal of Controlled Release, 2015, 211, 28-36.	4.8	85
33	Effect of process parameters on nanoemulsion droplet size and distribution in SPG membrane emulsification. International Journal of Pharmaceutics, 2011, 404, 191-197.	2.6	82
34	Application of cationic liposomes for delivery of nucleic acids. Asian Journal of Pharmaceutical Sciences, 2013, 8, 72-80.	4.3	82
35	In vivo imaging of tumor apoptosis using histone H1-targeting peptide. Journal of Controlled Release, 2010, 148, 283-291.	4.8	80
36	Nanoformulation-based sequential combination cancer therapy. Advanced Drug Delivery Reviews, 2017, 115, 57-81.	6.6	80

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37	Prolonged organ retention and safety of plasmid DNA administered in polyethylenimine complexes. Gene Therapy, 2001, 8, 1587-1592.	2.3	79
38	pH-sensitive, serum-stable and long-circulating liposomes as a new drug delivery system. Journal of Pharmacy and Pharmacology, 2010, 54, 51-58.	1.2	79
39	Cell membrane-derived vesicles for delivery of therapeutic agents. Acta Pharmaceutica Sinica B, 2021, 11, 2096-2113.	5.7	79
40	Preparation of ibuprofen-loaded liquid suppository using eutectic mixture system with menthol. European Journal of Pharmaceutical Sciences, 2004, 23, 347-353.	1.9	77
41	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	4.8	75
42	Reduced graphene oxide nanosheets coated with an anti-angiogenic anticancer low-molecular-weight heparin derivative for delivery of anticancer drugs. Journal of Controlled Release, 2014, 189, 80-89.	4.8	70
43	Vitamin A-decorated biocompatible micelles for chemogene therapy of liver fibrosis. Journal of Controlled Release, 2018, 283, 113-125.	4.8	70
44	Irinotecan-loaded double-reversible thermogel with improved antitumor efficacy without initial burst effect and toxicity for intramuscular administration. Acta Biomaterialia, 2017, 54, 239-248.	4.1	69
45	Selective Activation of Anticancer Chemotherapy by Cancer-Associated Fibroblasts in the Tumor Microenvironment. Journal of the National Cancer Institute, 2017, 109, djw186.	3.0	69
46	Nanocomplexâ€Mediated In Vivo Programming to Chimeric Antigen Receptorâ€M1 Macrophages for Cancer Therapy. Advanced Materials, 2021, 33, e2103258.	11.1	68
47	Vacuolating Cytotoxin in Helicobacter pylori Water-Soluble Proteins Upregulates Chemokine Expression in Human Eosinophils via Ca 2+ Influx, Mitochondrial Reactive Oxygen Intermediates, and NF-Î¹B Activation. Infection and Immunity, 2007, 75, 3373-3381.	1.0	67
48	Novel cationic cholesterol derivative-based liposomes for serum-enhanced delivery of siRNA. International Journal of Pharmaceutics, 2007, 353, 260-9.	2.6	67
49	Biodistribution and tissue expression kinetics of plasmid DNA complexed with polyethylenimines of different molecular weight and structure. Journal of Controlled Release, 2007, 118, 118-125.	4.8	66
50	Extracellular matrix-penetrating nanodrill micelles for liver fibrosis therapy. Biomaterials, 2020, 230, 119616.	5.7	66
51	Hyaluronic acid complexed to biodegradable poly <scp>L</scp>â€arginine for targeted delivery of siRNAs. Journal of Gene Medicine, 2009, 11, 791-803.	1.4	65
52	Cas9-edited immune checkpoint blockade PD-1 DNA polyaptamer hydrogel for cancer immunotherapy. Biomaterials, 2019, 218, 119359.	5.7	64
53	Nano delivery systems and cancer immunotherapy. Journal of Pharmaceutical Investigation, 2018, 48, 527-539.	2.7	63
54	Cationic drug-derived nanoparticles for multifunctional delivery of anticancer siRNA. Biomaterials, 2011, 32, 9785-9795.	5.7	62

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55	Melanin-loaded CpG DNA hydrogel for modulation of tumor immune microenvironment. Journal of Controlled Release, 2021, 330, 540-553.	4.8	62
56	Nasal absorption and biodistribution of plasmid DNA: an alternative route of DNA vaccine delivery. Vaccine, 2001, 19, 4519-4525.	1.7	61
57	In situ gelling and mucoadhesive polymer vehicles for controlled intranasal delivery of plasmid DNA. Journal of Biomedical Materials Research Part B, 2002, 59, 144-151.	3.0	61
58	Cationic Liposomal Co-delivery of Small Interfering RNA and a MEK Inhibitor for Enhanced Anticancer Efficacy. Pharmaceutical Research, 2011, 28, 3069-3078.	1.7	61
59	Skin permeation of retinol in Tween 20-based deformable liposomes: in-vitro evaluation in human skin and keratinocyte modelsâ€. Journal of Pharmacy and Pharmacology, 2010, 58, 161-166.	1.2	60
60	Structure-dependent photothermal anticancer effects of carbon-based photoresponsive nanomaterials. Biomaterials, 2014, 35, 4058-4065.	5.7	60
61	A Novel Peptide Probe for Imaging and Targeted Delivery of Liposomal Doxorubicin to Lung Tumor. Molecular Pharmaceutics, 2011, 8, 430-438.	2.3	59
62	Light-switchable systems for remotely controlled drug delivery. Journal of Controlled Release, 2017, 267, 67-79.	4.8	59
63	Simvastatin prevents oxygen and glucose deprivation/reoxygenation-induced death of cortical neurons by reducing the production and toxicity of 4-hydroxy-2E-nonenal. Journal of Neurochemistry, 2006, 97, 140-150.	2.1	57
64	Accelerated cerebral ischemic injury by activated macrophages/microglia after lipopolysaccharide microinjection into rat corpus callosum. Glia, 2005, 50, 168-181.	2.5	54
65	Enhanced Intrapulmonary Delivery of Anticancer siRNA for Lung Cancer Therapy Using Cationic Ethylphosphocholine-based Nanolipoplexes. Molecular Therapy, 2013, 21, 816-824.	3.7	54
66	Bacteroides fragilis enterotoxin induces cyclooxygenase-2 and fluid secretion in intestinal epithelial cells through NF-ÎºB activation. European Journal of Immunology, 2006, 36, 2446-2456.	1.6	53
67	Enhanced cellular delivery and transfection efficiency of plasmid DNA using positively charged biocompatible colloidal gold nanoparticles. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 747-752.	1.1	53
68	Differential Expression and Polarized Secretion of CXC and CC Chemokines by Human Intestinal Epithelial Cancer Cell Lines in Response to Clostridium difficile Toxin A. Microbiology and Immunology, 2002, 46, 333-342.	0.7	52
69	Nonviral Delivery Systems for Cancer Gene Therapy: Strategies and Challenges. Current Gene Therapy, 2018, 18, 3-20.	0.9	51
70	Tocopheryl oligochitosan-based self assembling oligomersomes for siRNA delivery. Biomaterials, 2011, 32, 849-857.	5.7	50
71	Polyaptamer DNA nanothread-anchored, reduced graphene oxide nanosheets for targeted delivery. Biomaterials, 2015, 48, 129-136.	5.7	50
72	Enhanced brain targeting efficiency of intranasally administered plasmid DNA: an alternative route for brain gene therapy. Journal of Molecular Medicine, 2006, 85, 75-83.	1.7	49

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73	Synergistic Depletion of Astrocytic Glutathione by Glucose Deprivation and Peroxynitrite. Journal of Neurochemistry, 2008, 74, 1989-1998.	2.1	49
74	Anionic amino acid-derived cationic lipid for siRNA delivery. Journal of Controlled Release, 2009, 140, 268-276.	4.8	49
75	Enhanced mucosal and systemic immune responses following intravaginal immunization with human papillomavirus 16 L1 virus-like particle vaccine in thermosensitive mucoadhesive delivery systems. Journal of Medical Virology, 2003, 70, 633-641.	2.5	48
76	Effect of sodium chloride on the release, absorption and safety of diclofenac sodium delivered by poloxamer gel. International Journal of Pharmaceutics, 2003, 263, 105-111.	2.6	48
77	Bacteroides fragilisEnterotoxin Induces Human Î²-Defensin-2 Expression in Intestinal Epithelial Cells via a Mitogen-Activated Protein Kinase/IÎºB Kinase/NF-ÎºB-Dependent Pathway. Infection and Immunity, 2010, 78, 2024-2033.	1.0	48
78	Helicobacter pyloriinfection activates NF-ÎºB signaling pathway to induce iNOS and protect human gastric epithelial cells from apoptosis. American Journal of Physiology - Renal Physiology, 2003, 285, G1171-G1180.	1.6	46
79	Cationic derivatives of biocompatible hyaluronic acids for delivery of siRNA and antisense oligonucleotides. Journal of Drug Targeting, 2009, 17, 123-132.	2.1	45
80	Activation of AMPK by berberine induces hepatic lipid accumulation by upregulation of fatty acid translocase CD36 in mice. Toxicology and Applied Pharmacology, 2017, 316, 74-82.	1.3	45
81	Determining the binding mode of DNA sequence specific compounds. Process Biochemistry, 2001, 37, 521-525.	1.8	42
82	Pharmacokinetics and In Vivo Fate of Intra-Articularly Transplanted Human Bone Marrow-Derived Clonal Mesenchymal Stem Cells. Stem Cells and Development, 2015, 24, 1124-1132.	1.1	41
83	Enhanced oral bioavailability of fenofibrate using polymeric nanoparticulated systems: physicochemical characterization and in vivo investigation. International Journal of Nanomedicine, 2015, 10, 1819.	3.3	41
84	Nanomaterials for modulating innate immune cells in cancer immunotherapy. Asian Journal of Pharmaceutical Sciences, 2019, 14, 16-29.	4.3	41
85	Hyperbranched lipoid-based lipid nanoparticles for bidirectional regulation of collagen accumulation in liver fibrosis. Journal of Controlled Release, 2020, 321, 629-640.	4.8	41
86	Development of a novel viral DNA vaccine against human papillomavirus: AcHERV-HP16L1. Vaccine, 2010, 28, 1613-1619.	1.7	40
87	Alterations in promoter usage and expression levels of insulin-like growth factor-II and H19 genes in cervical carcinoma exhibiting biallelic expression of IGF-II. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1586, 307-315.	1.8	39
88	Docetaxel-Loaded Thermosensitive and Bioadhesive Nanomicelles as a Rectal Drug Delivery System for Enhanced Chemotherapeutic Effect. Pharmaceutical Research, 2013, 30, 1860-1870.	1.7	39
89	Antifibrotic Effect of MMP13-encoding Plasmid DNA Delivered Using Polyethylenimine Shielded With Hyaluronic Acid. Molecular Therapy, 2011, 19, 355-361.	3.7	38
90	Tumor vasculature targeting following co-delivery of heparin-taurocholate conjugate and suberoylanilide hydroxamic acid using cationic nanolipoplex. Biomaterials, 2012, 33, 4424-4430.	5.7	38

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91	Effects of transcription factor activator protein-1 on interleukin-8 expression and enteritis in response to Clostridium difficile toxin A. Journal of Molecular Medicine, 2007, 85, 1393-1404.	1.7	37
92	Enhanced humoral and cellular immune responses after sublingual immunization against human papillomavirus 16 L1 protein with adjuvants. Vaccine, 2010, 28, 2598-2606.	1.7	37
93	Thermosensitive and mucoadhesive delivery systems of mucosal vaccines. Methods, 2006, 38, 106-111.	1.9	36
94	Topical application of porcine placenta extract inhibits the progression of experimental contact hypersensitivity. Journal of Ethnopharmacology, 2011, 133, 654-662.	2.0	36
95	Development of a novel solid lipid nanoparticles-loaded dual-reverse thermosensitive nanomicelle for intramuscular administration with sustained release and reduced toxicity. RSC Advances, 2015, 5, 43687-43694.	1.7	35
96	CpG oligodeoxynucleotides induce IL-8 expression in CD34+ cells via mitogen-activated protein kinase-dependent and NF-Î¹B-independent pathways. International Immunology, 2005, 17, 1525-1531.	1.8	34
97	Double stranded aptamer-anchored reduced graphene oxide as target-specific nano detector. Biomaterials, 2014, 35, 2999-3004.	5.7	34
98	Biomimetic DNA nanoballs for oligonucleotide delivery. Biomaterials, 2015, 62, 155-163.	5.7	34
99	The synergistic therapeutic effect of cisplatin with Human papillomavirus E6/E7 short interfering RNA on cervical cancer cell lines in vitro and in vivo. International Journal of Cancer, 2012, 130, 1925-1936.	2.3	33
100	Comparative study on solid self-nanoemulsifying drug delivery and solid dispersion system for enhanced solubility and bioavailability of ezetimibe. International Journal of Nanomedicine, 2015, 10, 6147.	3.3	33
101	A Simple Mouse Model for the Study of Human Immunodeficiency Virus. AIDS Research and Human Retroviruses, 2016, 32, 194-202.	0.5	33
102	Biodegradable graphene oxide and polyaptamer DNA hybrid hydrogels for implantable drug delivery. Carbon, 2016, 105, 14-22.	5.4	33
103	Opsonized erythrocyte ghosts for liver-targeted delivery of antisense oligodeoxynucleotides. Biomaterials, 2009, 30, 959-967.	5.7	31
104	Cross-linked hyaluronic acid-based flexible cell delivery system: Application for chondrogenic differentiation. Colloids and Surfaces B: Biointerfaces, 2012, 91, 106-113.	2.5	31
105	A Peptide Probe Enables Photoacoustic-Guided Imaging and Drug Delivery to Lung Tumors in K-rasLA2 Mutant Mice. Cancer Research, 2019, 79, 4271-4282.	0.4	31
106	Nanoparticle-Mediated Lipid Metabolic Reprogramming of T Cells in Tumor Microenvironments for Immunometabolic Therapy. Nano-Micro Letters, 2021, 13, 31.	14.4	31
107	Enhanced mucosal and systemic immune responses to a vaginal vaccine coadministered with RANTES-expressing plasmid DNA using in situ-gelling mucoadhesive delivery system. Vaccine, 2003, 21, 1980-1988.	1.7	30
108	Enhanced Solubility and Bioavailability of Sibutramine Base by Solid Dispersion System with Aqueous Medium. Biological and Pharmaceutical Bulletin, 2010, 33, 279-284.	0.6	30

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109	Enhanced mucosal and systemic immunogenicity of human papillomavirus-like particles encapsidating interleukin-2 gene adjuvant. Virology, 2004, 328, 266-273.	1.1	29
110	Enhanced immunogenicity of DNA fusion vaccine encoding secreted hepatitis B surface antigen and chemokine RANTES. Virology, 2003, 314, 84-91.	1.1	28
111	Physicochemical characterization and in vivo evaluation of poloxamer-based solid suppository containing diclofenac sodium in rats. International Journal of Pharmaceutics, 2005, 301, 54-61.	2.6	27
112	Induction of mucosal and systemic immune responses following oral immunization of mice with Lactococcus lactis expressing human papillomavirus type 16 L1. Vaccine, 2007, 25, 8049-8057.	1.7	27
113	Tetraiodothyroacetic acid-tagged liposomes for enhanced delivery of anticancer drug to tumor tissue via integrin receptor. Journal of Controlled Release, 2012, 164, 213-220.	4.8	27
114	Novel electrosprayed nanospherules for enhanced aqueous solubility and oral bioavailability of poorly water-soluble fenofibrate. International Journal of Nanomedicine, 2016, 11, 213.	3.3	27
115	Biomimetic polymeric nanoparticle-based photodynamic immunotherapy and protection against tumor rechallenge. Biomaterials Science, 2020, 8, 1106-1116.	2.6	27
116	64Cu-Labeled tetraiodothyroacetic acid-conjugated liposomes for PET imaging of tumor angiogenesis. Nuclear Medicine and Biology, 2013, 40, 1018-1024.	0.3	26
117	Suppressed ubiquitination of Nrf2 by p47phox contributes to Nrf2 activation. Free Radical Biology and Medicine, 2017, 113, 48-58.	1.3	26
118	In vivo fate and intracellular trafficking of vaccine delivery systems. Advanced Drug Delivery Reviews, 2022, 186, 114325.	6.6	26
119	Plasmid vectors harboring cellular promoters can induce prolonged gene expression in hematopoietic and mesenchymal progenitor cells. Biochemical and Biophysical Research Communications, 2005, 332, 518-523.	1.0	25
120	HAUSP, a deubiquitinating enzyme for p53, is polyubiquitinated, polyneddylated, and dimerized. FEBS Letters, 2005, 579, 4867-4872.	1.3	25
121	Upregulation of RhoB via c-Jun N-terminal kinase signaling induces apoptosis of the human gastric carcinoma NUGC-3 cells treated with NSC12618. Carcinogenesis, 2011, 32, 254-261.	1.3	25
122	Ciclopirox protects mitochondria from hydrogen peroxide toxicity. British Journal of Pharmacology, 2005, 145, 469-476.	2.7	24
123	In situ dose amplification by apoptosis-targeted drug delivery. Journal of Controlled Release, 2011, 154, 214-217.	4.8	24
124	Tannic acid-functionalized boron nitride nanosheets for theranostics. Journal of Controlled Release, 2020, 327, 616-626.	4.8	24
125	Reduced dose-limiting toxicity of intraperitoneal mitoxantrone chemotherapy using cardiolipin-based anionic liposomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 769-776.	1.7	23
126	Fibroblast activation protein activated antifibrotic peptide delivery attenuates fibrosis in mouse models of liver fibrosis. Nature Communications, 2022, 13, 1516.	5.8	23

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127	Skin permeation, biodistribution, and expression of topically applied plasmid DNA. Journal of Gene Medicine, 2004, 6, 1238-1246.	1.4	22
128	Comparison of Repellency Effect of Mosquito Repellents for DEET, Citronella, and Fennel Oil. Journal of Parasitology Research, 2015, 2015, 1-6.	0.5	22
129	Current status and regulatory perspective of chimeric antigen receptor-modified T cell therapeutics. Archives of Pharmacal Research, 2016, 39, 437-452.	2.7	22
130	Nanovesicle-Mediated Delivery Systems for CRISPR/Cas Genome Editing. Pharmaceutics, 2020, 12, 1233.	2.0	22
131	Maltosylated polyethylenimine-based triple nanocomplexes of human papillomavirus 16L1 protein and DNA as a vaccine co-delivery system. Biomaterials, 2011, 32, 4621-4629.	5.7	21
132	Nanomaterial-Based Modulation of Tumor Microenvironments for Enhancing Chemo/Immunotherapy. AAPS Journal, 2019, 21, 64.	2.2	21
133	Molecular engineering of antibodies for site-specific conjugation to lipid polydopamine hybrid nanoparticles. Acta Pharmaceutica Sinica B, 2020, 10, 2212-2226.	5.7	21
134	Inhibition of Helicobacter pylori-induced Nuclear Factor-kappa B Activation and Interleukin-8 Gene Expression by Ecabet Sodium in Gastric Epithelial Cells. Helicobacter, 2003, 8, 542-553.	1.6	20
135	Low molecular weight polyethylenimine for efficient transfection of human hematopoietic and umbilical cord blood-derived CD34+ cells. Biochimica Et Biophysica Acta - General Subjects, 2005, 1725, 377-384.	1.1	20
136	Maltose binding protein facilitates high-level expression and functional purification of the chemokines RANTES and SDF-1Î± from Escherichia coli. Protein Expression and Purification, 2008, 60, 37-45.	0.6	20
137	Dual effects of Helicobacter pylori vacuolating cytotoxin on human eosinophil apoptosis in early and late periods of stimulation. European Journal of Immunology, 2010, 40, 1651-1662.	1.6	20
138	A Microbial Siderophore-Inspired Self-Gelling Hydrogel for Noninvasive Anticancer Phototherapy. Cancer Research, 2019, 79, 6178-6189.	0.4	20
139	Suppression of hepatitis B virus-derived human hepatocellular carcinoma by NF-Î°B-inducing kinase-specific siRNA using liver-targeting liposomes. Archives of Pharmacal Research, 2009, 32, 1077-1086.	2.7	19
140	Advances in vaccine delivery systems against viral infectious diseases. Drug Delivery and Translational Research, 2021, 11, 1401-1419.	3.0	19
141	Advances in human papilloma virus vaccines: a patent review. Expert Opinion on Therapeutic Patents, 2011, 21, 295-309.	2.4	18
142	Rapid Determination of Perv Copy Number From Porcine Genomic DNA by Real-Time Polymerase Chain Reaction. Animal Biotechnology, 2011, 22, 175-180.	0.7	18
143	Discovery of novel (1S)-(â^')-verbenone derivatives with anti-oxidant and anti-ischemic effects. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5421-5425.	1.0	18
144	Stemmed DNA nanostructure for the selective delivery of therapeutics. Nanoscale, 2018, 10, 7511-7518.	2.8	18

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145	Bioactive Lipids and Their Derivatives in Biomedical Applications. Biomolecules and Therapeutics, 2021, 29, 465-482.	1.1	18
146	Pharmaceutical Applications of Graphene-based Nanosheets. Current Pharmaceutical Biotechnology, 2014, 14, 1016-1026.	0.9	18
147	Altered imprinting, promoter usage, and expression of insulin-like growth factor-II gene in gestational trophoblastic diseases. Gynecologic Oncology, 2003, 88, 411-418.	0.6	17
148	Enhanced adjuvanticity of interleukin-2 plasmid DNA administered in polyethylenimine complexes. Vaccine, 2003, 21, 2837-2843.	1.7	17
149	Nrf2 is essential for the expression of lipocalinâ€“prostaglandin D synthase induced by prostaglandin D2. Free Radical Biology and Medicine, 2013, 65, 1134-1142.	1.3	17
150	Claudin 4-targeted nanographene phototherapy using a Clostridium perfringens enterotoxin peptide-photosensitizer conjugate. Acta Pharmacologica Sinica, 2017, 38, 954-962.	2.8	17
151	Safety and photochemotherapeutic application of poly(Î³-glutamic acid)-based biopolymeric nanoparticle. Acta Pharmaceutica Sinica B, 2019, 9, 565-574.	5.7	17
152	Enhanced tumor localization and retention of chlorin e6 in cationic nanolipoplexes potentiate the tumor ablation effects of photodynamic therapy. Nanotechnology, 2011, 22, 365101.	1.3	16
153	Repression of porcine endogenous retrovirus infection by human APOBEC3 proteins. Biochemical and Biophysical Research Communications, 2011, 407, 266-270.	1.0	16
154	Liposomal Co-Delivery of Omacetaxine Mepesuccinate and Doxorubicin for Synergistic Potentiation of Antitumor Activity. Pharmaceutical Research, 2014, 31, 2178-2185.	1.7	16
155	High Molecular Weight Chitosan-Complexed RNA Nanoadjuvant for Effective Cancer Immunotherapy. Pharmaceutics, 2019, 11, 680.	2.0	16
156	Genome-Editing-Mediated Restructuring of Tumor Immune Microenvironment for Prevention of Metastasis. ACS Nano, 2021, 15, 17635-17656.	7.3	16
157	Mimosine prevents the death of glucose-deprived immunostimulated astrocytes by scavenging peroxynitrite. Glia, 2002, 39, 37-46.	2.5	15
158	Immunogenicity of Bivalent Human Papillomavirus DNA Vaccine Using Human Endogenous Retrovirus Envelope-Coated Baculoviral Vectors in Mice and Pigs. PLoS ONE, 2012, 7, e50296.	1.1	15
159	Enhanced survival of transplanted human adipose-derived stem cells by co-delivery with liposomal apoptosome inhibitor in fibrin gel matrix. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 673-681.	2.0	15
160	Progress of Middle East respiratory syndrome coronavirus vaccines: a patent review. Expert Opinion on Therapeutic Patents, 2017, 27, 721-731.	2.4	15
161	Sequential activation of anticancer therapy triggered by tumor microenvironment-selective imaging. Journal of Controlled Release, 2019, 298, 110-119.	4.8	15
162	Staphylococcus aureus-mimetic control of antibody orientation on nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 16, 267-277.	1.7	15

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163	Assessment of siRNA pharmacokinetics using ELISA-based quantification. Journal of Controlled Release, 2010, 143, 80-87.	4.8	14
164	Lipid-based antigen delivery systems. Journal of Pharmaceutical Investigation, 2016, 46, 295-304.	2.7	14
165	Immune-camouflaged graphene oxide nanosheets for negative regulation of phagocytosis by macrophages. Journal of Materials Chemistry B, 2017, 5, 6666-6675.	2.9	14
166	Effect of HPV E6/E7 siRNA with Chemotherapeutic Agents on the Regulation of TP53/E2F Dynamic Behavior for Cell Fate Decisions. Neoplasia, 2017, 19, 735-749.	2.3	14
167	Human endogenous retrovirus-enveloped baculoviral DNA vaccines against MERS-CoV and SARS-CoV2. Npj Vaccines, 2021, 6, 37.	2.9	14
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