

Joon Sig Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6445685/publications.pdf>

Version: 2024-02-01

132
papers

5,646
citations

101543

36
h-index

82547

72
g-index

132
all docs

132
docs citations

132
times ranked

7354
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of polyamidoamine dendrimers conjugated with cholesteryl-dipeptide as gene carriers in HeLa cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 976-994.	3.5	6
2	Enzyme-Responsive Amphiphilic Peptide Nanoparticles for Biocompatible and Efficient Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 143.	4.5	12
3	Coordination-Driven Surface Zwitteration for Antibacterial and Antifog Applications. <i>Langmuir</i> , 2022, 38, 1550-1559.	3.5	15
4	Coordination-driven antifouling spray coating using a sulfated polysaccharide Fucoidan. <i>Progress in Organic Coatings</i> , 2022, 169, 106916.	3.9	3
5	Brain gene delivery using histidine and arginine-modified dendrimers for ischemic stroke therapy. <i>Journal of Controlled Release</i> , 2021, 330, 907-919.	9.9	39
6	Triphenylphosphonium-conjugated glycol chitosan microspheres for mitochondria-targeted drug delivery. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 35-45.	7.5	23
7	Enhanced transfection efficiency of low generation PAMAM dendrimer conjugated with the nuclear localization signal peptide derived from herpesviridae. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 22-41.	3.5	7
8	Crystal structure of human LC8 bound to a peptide from Ebola virus VP35. <i>Journal of Microbiology</i> , 2021, 59, 410-416.	2.8	4
9	Nonviral gene delivery using PAMAM dendrimer conjugated with the nuclear localization signal peptide derived from human papillomavirus type 11 E2 protein. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1140-1160.	3.5	4
10	Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging of Phospholipid Changes in a <i>Drosophila</i> Model of Early Amyotrophic Lateral Sclerosis. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2536-2545.	2.8	8
11	Preparation and characterization of 3D human glioblastoma spheroids using an N-octanoyl glycol chitosan hydrogel. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 87-97.	7.5	5
12	Apoptin gene delivery by a PAMAM dendrimer modified with a nuclear localization signal peptide as a gene carrier for brain cancer therapy. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 467-478.	1.2	8
13	Synthesis and Characterization of Dual-Sensitive PAMAM Derivatives Conjugated with Enzyme Cleavable Peptides as Gene Carriers. <i>Macromolecular Research</i> , 2021, 29, 636-647.	2.4	2
14	Dual-Functional Dendrimer Micelles with Glycyrrhizic Acid for Anti-Inflammatory Therapy of Acute Lung Injury. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47313-47326.	8.0	19
15	Cathepsin B-Responsive Liposomes for Controlled Anticancer Drug Delivery in Hep G2 Cells. <i>Pharmaceutics</i> , 2020, 12, 876.	4.5	29
16	Antibacterial Film Formation through Iron(III) Complexation and Oxidation-Induced Cross-Linking of OEG-DOPA. <i>Langmuir</i> , 2019, 35, 14465-14472.	3.5	10
17	Cationic Oligopeptide-Functionalized Mitochondria Targeting Sequence Show Mitochondria Targeting and Anticancer Activity. <i>Macromolecular Research</i> , 2019, 27, 1071-1080.	2.4	10
18	Smac Gene Delivery by the Glycol Chitosan with Low Molecular Weight Polyethylenimine Induces Apoptosis of Cancer Cells for Combination Therapy with Etoposide. <i>Macromolecular Research</i> , 2019, 27, 944-954.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Polyplexes of Functional PAMAM Dendrimer/Apoptin Gene Induce Apoptosis of Human Primary Glioma Cells In Vitro. <i>Polymers</i> , 2019, 11, 296.	4.5	19
20	Gene Delivery by PAMAM Dendrimer Conjugated with the Nuclear Localization Signal Peptide Derived from Influenza B Virus Nucleoprotein. <i>Macromolecular Research</i> , 2019, 27, 360-368.	2.4	17
21	Self-assembled nanoparticles composed of glycol chitosan-dequalinium for mitochondria-targeted drug delivery. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 451-460.	7.5	34
22	DQAsomes Nanoparticles Promote Osteogenic Differentiation of Human Adipose-derived Mesenchymal Stem Cells. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 97-104.	1.9	4
23	Electrostatically assembled dendrimer complex with a high-affinity protein binder for targeted gene delivery. <i>International Journal of Pharmaceutics</i> , 2018, 544, 39-45.	5.2	13
24	Dequalinium-based functional nanosomes show increased mitochondria targeting and anticancer effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 124, 104-115.	4.3	39
25	Liposomes containing cholesterol and mitochondria-penetrating peptide (MPP) for targeted delivery of antimycin A to A549 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 356-364.	5.0	33
26	Gold nanorods-conjugated TiO ₂ nanoclusters for the synergistic combination of phototherapeutic treatments of cancer cells. <i>Journal of Nanobiotechnology</i> , 2018, 16, 104.	9.1	30
27	Facile and effective antibacterial coatings on various oxide substrates. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 42-47.	5.8	10
28	Multipurpose Antifouling Coating of Solid Surfaces with the Marine-derived Polymer Fucoidan. <i>Macromolecular Bioscience</i> , 2018, 18, e1800137.	4.1	27
29	Ordered cylindrical micropatterned Petri dishes used as scaffolds for cell growth. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 161-169.	9.4	12
30	Apoptin Gene Delivery by the Functionalized Polyamidoamine Dendrimer Derivatives Induces Cell Death of U87-MG Glioblastoma Cells. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1618-1633.	3.3	26
31	Ordered honeycomb biocompatible polymer films via a one-step solution-immersion phase separation used as a scaffold for cell cultures. <i>Chemical Engineering Journal</i> , 2017, 320, 561-569.	12.7	37
32	Hydrogel Functionalized Janus Membrane for Skin Regeneration. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600795.	7.6	46
33	Functional nanosome for enhanced mitochondria-targeted gene delivery and expression. <i>Mitochondrion</i> , 2017, 37, 27-40.	3.4	36
34	Apoptin Gene Delivery by the Functionalized Polyamidoamine (PAMAM) Dendrimer Modified with Ornithine Induces Cell Death of HepG2 Cells. <i>Polymers</i> , 2017, 9, 197.	4.5	13
35	Polyamidoamine (PAMAM) Dendrimers Modified with Cathepsin-B Cleavable Oligopeptides for Enhanced Gene Delivery. <i>Polymers</i> , 2017, 9, 224.	4.5	24
36	Amphiphilic Peptide Nanorods Based on Oligo-Phenylalanine as a Biocompatible Drug Carrier. <i>Bioconjugate Chemistry</i> , 2017, 28, 2266-2276.	3.6	19

#	ARTICLE	IF	CITATIONS
37	Gene Carriers: Design Elements. , 2017, , 623-632.		0
38	Structural Study of the HD-PTP Bro1 Domain in a Complex with the Core Region of STAM2, a Subunit of ESCRT-0. PLoS ONE, 2016, 11, e0149113.	2.5	20
39	Mussel-Inspired Approach to Constructing Robust Multilayered Alginate Films for Antibacterial Applications. Advanced Functional Materials, 2016, 26, 4099-4105.	14.9	69
40	Antibacterial Films: Mussel-Inspired Approach to Constructing Robust Multilayered Alginate Films for Antibacterial Applications (Adv. Funct. Mater. 23/2016). Advanced Functional Materials, 2016, 26, 4232-4232.	14.9	1
41	Delivery of the high-mobility group box 1 box A peptide using heparin in the acute lung injury animal models. Journal of Controlled Release, 2016, 234, 33-40.	9.9	22
42	Characterization of glycol chitosan grafted with low molecular weight polyethylenimine as a gene carrier for human adipose-derived mesenchymal stem cells. Carbohydrate Polymers, 2016, 153, 379-390.	10.2	15
43	Dipeptide-functionalized polyamidoamine dendrimer-mediated apoptin gene delivery facilitates apoptosis of human primary glioma cells. International Journal of Pharmaceutics, 2016, 515, 186-200.	5.2	33
44	Enzyme-responsive destabilization of stabilized plasmid-lipid nanoparticles as an efficient gene delivery. European Journal of Pharmaceutical Sciences, 2016, 91, 20-30.	4.0	22
45	Characterization of basic amino acids-conjugated PAMAM dendrimers as gene carriers for human adipose-derived mesenchymal stem cells. International Journal of Pharmaceutics, 2016, 501, 75-86.	5.2	20
46	Novel glycol chitosan-based polymeric gene carrier synthesized by a Michael addition reaction with low molecular weight polyethylenimine. Carbohydrate Polymers, 2016, 137, 669-677.	10.2	28
47	A rhodamine scaffold immobilized onto mesoporous silica as a fluorescent probe for the detection of Fe (III) and applications in bio-imaging and microfluidic chips. Sensors and Actuators B: Chemical, 2016, 224, 404-412.	7.8	59
48	Multi-dimensional TOF-SIMS analysis for effective profiling of disease-related ions from the tissue surface. Scientific Reports, 2015, 5, 11077.	3.3	9
49	<scp>PAMAM</scp> Dendrimer Conjugated with Cell-Penetrating Peptide-derived Oligopeptides for Enhanced Cell Uptake and Gene Delivery. Bulletin of the Korean Chemical Society, 2015, 36, 2477-2483.	1.9	8
50	A highly selective dual-channel Cu ²⁺ and Al ³⁺ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. Sensors and Actuators B: Chemical, 2015, 210, 173-182.	7.8	65
51	Short-term effects of ultrahigh concentration cationic silica nanoparticles on cell internalization, cytotoxicity, and cell integrity with human breast cancer cell line (MCF-7). Journal of Nanoparticle Research, 2015, 17, 1.	1.9	5
52	Polyamidoamine (PAMAM) dendrimers modified with short oligopeptides for early endosomal escape and enhanced gene delivery. International Journal of Pharmaceutics, 2015, 492, 233-243.	5.2	31
53	Polyethylenimine-poly(amidoamine) dendrimer modified with l-arginines as an efficient gene delivery vector. Macromolecular Research, 2015, 23, 726-733.	2.4	4
54	Hydrothermal synthesis of defective TiO ₂ nanoparticles for long-wavelength visible light-photocatalytic killing of cancer cells. RSC Advances, 2015, 5, 99789-99796.	3.6	20

#	ARTICLE	IF	CITATIONS
55	Conjugation of Peptide to Cystamine Core Polyamidoamine with \hat{I}^3 -Aminobutyric Acid for Gene Delivery. <i>Porrime</i> , 2015, 39, 727.	0.2	0
56	Cationic oligopeptide-conjugated mitochondria targeting sequence as a novel carrier system for mitochondria. <i>Macromolecular Research</i> , 2014, 22, 42-46.	2.4	7
57	Gene delivery of PAMAM dendrimer conjugated with the nuclear localization signal peptide originated from fibroblast growth factor 3. <i>International Journal of Pharmaceutics</i> , 2014, 459, 10-18.	5.2	35
58	Fabrication of ZnO nanoplates for visible light-induced imaging of living cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2311-2317.	5.8	19
59	Liposomes: Versatile and Biocompatible Nanovesicles for Efficient Biomolecules Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 755-765.	0.9	121
60	Polyethylenimine-grafted polyamidoamine conjugates for gene delivery with high efficiency and low cytotoxicity. <i>Macromolecular Research</i> , 2014, 22, 757-764.	2.4	8
61	Basic amino acid-conjugated polyamidoamine dendrimers with enhanced gene transfection efficiency. <i>Macromolecular Research</i> , 2014, 22, 500-508.	2.4	23
62	Enhanced splicing correction effect by an oligo-aspartic acid-PNA conjugate and cationic carrier complexes. <i>Journal of Controlled Release</i> , 2014, 175, 54-62.	9.9	12
63	ToF-SIMS analysis of diadenosine triphosphate and didadenosine tetraphosphate using bismuth and argon cluster ion beams. <i>Surface and Interface Analysis</i> , 2014, 46, 189-192.	1.8	4
64	PAMAM Dendrimer Conjugated with N-terminal Oligopeptides of Mouse Fibroblast Growth Factor 3 as a Novel Gene Carrier. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1036-1042.	1.9	9
65	Synthesis and Characterization of Polyethylenimine-conjugated Polydiacetylene Liposome as a Gene Delivery Carrier. <i>Porrime</i> , 2014, 38, 43-48.	0.2	0
66	Novel hyperbranched polyethyleneimine conjugate as an efficient non-viral gene delivery vector. <i>Macromolecular Research</i> , 2013, 21, 1097-1104.	2.4	17
67	Visible light-sensitive APTES-bound ZnO nanowire toward a potent nanoinjector sensing biomolecules in a living cell. <i>Nanoscale</i> , 2013, 5, 10275.	5.6	29
68	Comparative Study of Upconverting Nanoparticles with Various Crystal Structures, Core/Shell Structures, and Surface Characteristics. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2239-2244.	3.1	48
69	Synthesis of Polyethylene Glycol-Oligo (Glutamic Acid) Conjugated with Polyethylenimine-Dexamethasone for Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7325-7330.	0.9	3
70	PEG-Glu-PEI-Dexamethasone Conjugates: Synthesis, Characterization and <i>In Vitro</i> Gene Transfer Properties. <i>Advanced Materials Research</i> , 2013, 747, 147-147.	0.3	0
71	Characteristics of PEGylated Polydiacetylene Liposome and its Inclusion Complex Formation with \hat{I}^{\pm} -Cyclodextrin. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 3083-3087.	1.9	4
72	PAMAM Dendrimers Conjugated with L-Arginine and \hat{I}^3 -Aminobutyric Acid as Novel Polymeric Gene Delivery Carriers. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 579-584.	1.9	8

#	ARTICLE	IF	CITATIONS
73	Synthesis of Polymerizable Amphiphiles with Basic Oligopeptides for Gene Delivery Application. <i>Porrima</i> , 2013, 37, 94-99.	0.2	2
74	Stimulation of Phospholipase D in HepG2 Cells After Transfection Using Cationic Liposomes. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 931-935.	1.9	0
75	Amino acid-modified bioreducible poly(amidoamine) dendrimers: Synthesis, characterization and In vitro evaluation. <i>Macromolecular Research</i> , 2012, 20, 1156-1162.	2.4	15
76	Endocytosis, intracellular transport, and exocytosis of lanthanide-doped upconverting nanoparticles in single living cells. <i>Biomaterials</i> , 2012, 33, 9080-9086.	11.4	105
77	Dexamethasone conjugation to polyamidoamine dendrimers G1 and G2 for enhanced transfection efficiency with an anti-inflammatory effect. <i>Journal of Drug Targeting</i> , 2012, 20, 667-677.	4.4	14
78	Synthesis, Characterization and Application of Dendritic Lipids for Gene Delivery. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1353-1356.	1.9	2
79	Combination of Epstein-Barr Virus-Based Plasmid and Nonviral Polymeric Vectors for Enhanced and Prolonged Gene Expression. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3676-3680.	1.9	1
80	Molecular Dynamics Studies of the Size and Internal Structure of the PAMAM Dendrimer Grafted with Arginine and Histidine. <i>Macromolecules</i> , 2011, 44, 8681-8686.	4.8	30
81	Combined delivery of dexamethasone and plasmid DNA in an animal model of LPS-induced acute lung injury. <i>Journal of Controlled Release</i> , 2011, 156, 60-69.	9.9	36
82	Synthesis of PAMAM Dendrimer Derivatives with Enhanced Buffering Capacity and Remarkable Gene Transfection Efficiency. <i>Bioconjugate Chemistry</i> , 2011, 22, 1046-1055.	3.6	92
83	Long-term Real-time Tracking of Lanthanide Ion Doped Upconverting Nanoparticles in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6093-6097.	13.8	230
84	Combinational therapy of ischemic brain stroke by delivery of heme oxygenase-1 gene and dexamethasone. <i>Biomaterials</i> , 2011, 32, 306-315.	11.4	42
85	Preparation of Dexamethasone-Based Cationic Liposome and Its Application to Gene Delivery In Vitro. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1799-1802.	0.9	8
86	Sequential Conjugation of 6-Aminohexanoic Acids and L-Arginines to Poly(amidoamine) Dendrimer to Modify Hydrophobicity and Flexibility of the Polymeric Gene Carrier. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 651-655.	1.9	5
87	Osteoconductive conjugation of bone morphogenetic protein-2 onto titanium/titanium oxide surfaces coated with non-biofouling poly(poly(ethylene glycol) methacrylate). <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 385-389.	5.0	33
88	Synthesis and characterization of dexamethasone-conjugated linear polyethylenimine as a gene carrier. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 743-751.	2.6	25
89	Targeted near-IR QDs-loaded micelles for cancer therapy and imaging. <i>Biomaterials</i> , 2010, 31, 5436-5444.	11.4	125
90	Long-term stability of cell micropatterns on poly((3-(methacryloylamino)propyl)-dimethyl(3-sulfopropyl)ammonium hydroxide)-patterned silicon oxide surfaces. <i>Biomaterials</i> , 2010, 31, 9565-9574.	11.4	28

#	ARTICLE	IF	CITATIONS
91	A New PEG-Lipid Conjugate Micelle for Encapsulation of CdSe/ZnS Quantum Dots. Journal of Nanoscience and Nanotechnology, 2010, 10, 3275-3279.	0.9	9
92	Suppression of Hepatitis C Virus Genome Replication in Cells with RNA-Cleaving DNA Enzymes and Short-Hairpin RNA. Oligonucleotides, 2010, 20, 285-296.	2.7	14
93	Saurolactam inhibits osteoclast differentiation and stimulates apoptosis of mature osteoclasts. Journal of Cellular Physiology, 2009, 221, 618-628.	4.1	44
94	Dexamethasone- ϵ -conjugated polyethylenimine as an efficient gene carrier with an anti- ϵ -apoptotic effect to cardiomyocytes. Journal of Gene Medicine, 2009, 11, 515-522.	2.8	42
95	Biodegradable PAMAM ester for enhanced transfection efficiency with low cytotoxicity. Biomaterials, 2009, 30, 665-673.	11.4	143
96	The control of cell adhesion and detachment on thin films of thermoresponsive poly[(N-isopropylacrylamide)- <i>r</i> -((3-(methacryloylamino)propyl)-dimethyl(3-sulfopropyl)ammonium)] Tj ETQq0 0 0 rg BT.4 Overlock 10 Tf 50	1.4	10
97	Polymeric Nano-half-shells prepared by Simple Solvent Evaporation Method. Bulletin of the Korean Chemical Society, 2009, 30, 1-3.	1.9	9
98	Delivery of Hypoxia Inducible Heme Oxygenase-1 Gene Using Dexamethasone Conjugated Polyethylenimine for Protection of Cardiomyocytes under Hypoxia. Bulletin of the Korean Chemical Society, 2009, 30, 897-901.	1.9	4
99	Preparation of Naproxen-Loaded Poly(ethylene oxide- <i>b</i> -methacrylic acid) Micelle and Its pH-dependent Drug Release Behavior. Bulletin of the Korean Chemical Society, 2009, 30, 931-934.	1.9	6
100	Preparation of orthogonally functionalized surface using micromolding in capillaries technique for the control of cellular adhesion. Colloids and Surfaces B: Biointerfaces, 2008, 64, 126-134.	5.0	16
101	Mitochondria targeting delivery of nucleic acids. Expert Opinion on Drug Delivery, 2008, 5, 879-887.	5.0	5
102	Baicalein inhibits osteoclast differentiation and induces mature osteoclast apoptosis. Food and Chemical Toxicology, 2008, 46, 3375-3382.	3.6	61
103	Synthesis of Poly(ethylene glycol)-Polydiacetylene Conjugates and Their Micellar and Chromic Characteristics. Journal of Nanoscience and Nanotechnology, 2008, 8, 5104-5108.	0.9	8
104	Preparation of Cationic Polydiacetylene Nanovesicles for In Vitro Gene Delivery. Journal of Nanoscience and Nanotechnology, 2008, 8, 5266-5270.	0.9	8
105	Combination of Differential Interference Contrast with Prism-Type Total Internal Fluorescence Microscope for Direct Observation of Polyamidoamine Dendrimer Nanoparticle as a Gene Delivery in Living Human Cells. Journal of Nanoscience and Nanotechnology, 2007, 7, 3689-3694.	0.9	21
106	Synthesis and Characterization of a Novel Arginine-Grafted Dendritic Block Copolymer for Gene Delivery and Study of Its Cellular Uptake Pathway Leading to Transfection. Bioconjugate Chemistry, 2007, 18, 309-317.	3.6	74
107	DNA delivery to the mitochondria sites using mitochondrial leader peptide conjugated polyethylenimine. Journal of Drug Targeting, 2007, 15, 115-122.	4.4	33
108	Dexamethasone-Conjugated Low Molecular Weight Polyethylenimine as a Nucleus-Targeting Lipopolymer Gene Carrier. Bioconjugate Chemistry, 2007, 18, 2029-2036.	3.6	81

#	ARTICLE	IF	CITATIONS
109	Synthesis and characterization of poly (amino ester) for slow biodegradable gene delivery vector. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1708-1715.	3.0	26
110	Preparation of cationic liposome containing a novel water-soluble detergent and its application to gene delivery. <i>In vitro. Macromolecular Research</i> , 2007, 15, 280-283.	2.4	1
111	Patterning of proteins and cells on functionalized surfaces prepared by polyelectrolyte multilayers and micromolding in capillaries. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3188-3195.	10.1	61
112	Combination of differential interference contrast with prism-type total internal fluorescence microscope for direct observation of polyamidoamine dendrimer nanoparticle as a gene delivery in living human cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3689-94.	0.9	3
113	Dexamethasone conjugated poly(amidoamine) dendrimer as a gene carrier for efficient nuclear translocation. <i>International Journal of Pharmaceutics</i> , 2006, 320, 171-178.	5.2	106
114	Highly effective and slow-biodegradable network-type cationic gene delivery polymer: Small library-like approach synthesis and characterization. <i>Biomaterials</i> , 2006, 27, 2292-2301.	11.4	27
115	Enhanced transfection of primary cortical cultures using arginine-grafted PAMAM dendrimer, PAMAM-Arg. <i>Journal of Controlled Release</i> , 2006, 114, 110-117.	9.9	105
116	HMGB1, a Novel Cytokine-Like Mediator Linking Acute Neuronal Death and Delayed Neuroinflammation in the Postischemic Brain. <i>Journal of Neuroscience</i> , 2006, 26, 6413-6421.	3.6	515
117	Poly(ethylene oxide sulfide): A New Poly(ethylene glycol) Derivatives Degradable in Reductive Conditions. <i>Biomacromolecules</i> , 2005, 6, 24-26.	5.4	87
118	Synthesis of Biodegradable Cross-Linked Poly(β -amino ester) for Gene Delivery and Its Modification, Inducing Enhanced Transfection Efficiency and Stepwise Degradation. <i>Bioconjugate Chemistry</i> , 2005, 16, 1140-1148.	3.6	51
119	Enhanced transfection efficiency of PAMAM dendrimer by surface modification with L-arginine. <i>Journal of Controlled Release</i> , 2004, 99, 445-456.	9.9	371
120	PAMAM-PEG-PAMAM: Novel Triblock Copolymer as a Biocompatible and Efficient Gene Delivery Carrier. <i>Biomacromolecules</i> , 2004, 5, 2487-2492.	5.4	199
121	Polyplexes Assembled with Internally Quaternized PAMAM-OH Dendrimer and Plasmid DNA Have a Neutral Surface and Gene Delivery Potency. <i>Bioconjugate Chemistry</i> , 2003, 14, 1214-1221.	3.6	171
122	Low-pH-Sensitive PEG-Stabilized Plasmid-Lipid Nanoparticles: Preparation and Characterization. <i>Bioconjugate Chemistry</i> , 2003, 14, 420-429.	3.6	101
123	Synthesis of Diblock Copolymer, Methoxypoly(ethylene glycol)-block-Polyamidoamine Dendrimer and Its Generation-dependent Self-Assembly with Plasmid DNA. <i>Bulletin of the Korean Chemical Society</i> , 2003, 24, 123-125.	1.9	7
124	Quaternized Polyamidoamine Dendrimers as Novel Gene Delivery System: Relationship between Degree of Quaternization and Their Influences. <i>Bulletin of the Korean Chemical Society</i> , 2003, 24, 1637-1640.	1.9	18
125	Intraperitoneal gene delivery mediated by a novel cationic liposome in a peritoneal disseminated ovarian cancer model. <i>Gene Therapy</i> , 2002, 9, 859-866.	4.5	43
126	New Cationic Liposomes for Gene Transfer into Mammalian Cells with High Efficiency and Low Toxicity. <i>Bioconjugate Chemistry</i> , 2001, 12, 108-113.	3.6	106

#	ARTICLE	IF	CITATIONS
127	Supramolecular Self-Assembly of Poly(ethylene glycol)- Block-Poly(L-lysine) Dendrimer with Plasmid DNA. , 2001, 65, 23-33.		1
128	pH-Sensitive Cationic Polymer Gene Delivery Vehicle: N-Ac-poly(L-histidine)-graft-poly(L-lysine) Comb Shaped Polymer. Bioconjugate Chemistry, 2000, 11, 637-645.	3.6	363
129	Synthesis of a Barbell-like Triblock Copolymer, Poly(L-lysine) Dendrimer-block-Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T American Chemical Society, 2000, 122, 474-480.	13.7	206
130	Characterization of a Targeted Gene Carrier, Lactose-Polyethylene Glycol-Grafted Poly-L-Lysine, and Its Complex with Plasmid DNA. Human Gene Therapy, 1999, 10, 2657-2665.	2.7	97
131	Poly(ethylene glycol)-block-poly(L-lysine) Dendrimer: Novel Linear Polymer/Dendrimer Block Copolymer Forming a Spherical Water-Soluble Polyionic Complex with DNA. Bioconjugate Chemistry, 1999, 10, 62-65.	3.6	139
132	Gene Carriers: Design Elements. , 0, , 3600-3609.		0