Joon Sig Choi

List of Publications by Year in descending order

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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	HMGB1, a Novel Cytokine-Like Mediator Linking Acute Neuronal Death and Delayed Neuroinflammation in the Postischemic Brain. Journal of Neuroscience, 2006, 26, 6413-6421.	3.6	515
2	Enhanced transfection efficiency of PAMAM dendrimer by surface modification with l-arginine. Journal of Controlled Release, 2004, 99, 445-456.	9.9	371
3	pH-Sensitive Cationic Polymer Gene Delivery Vehicle:â€‰ N-Ac-poly(l-histidine)-graft-poly(l-lysine) Comb Shaped Polymer. Bioconjugate Chemistry, 2000, 11, 637-645.	3.6	363
4	Longâ€Term Realâ€Time Tracking of Lanthanide Ion Doped Upconverting Nanoparticles in Living Cells. Angewandte Chemie - International Edition, 2011, 50, 6093-6097.	13.8	230
5	Synthesis of a Barbell-like Triblock Copolymer, Poly(l-lysine) Dendrimer-block-Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 American Chemical Society, 2000, 122, 474-480.	13.7	206
6	PAMAM-PEG-PAMAM: Novel Triblock Copolymer as a Biocompatible and Efficient Gene Delivery Carrier. Biomacromolecules, 2004, 5, 2487-2492.	5.4	199
7	Polyplexes Assembled with Internally Quaternized PAMAM-OH Dendrimer and Plasmid DNA Have a Neutral Surface and Gene Delivery Potency. Bioconjugate Chemistry, 2003, 14, 1214-1221.	3.6	171
8	Biodegradable PAMAM ester for enhanced transfection efficiency with low cytotoxicity. Biomaterials, 2009, 30, 665-673.	11.4	143
9	Poly(ethylene glycol)-block-poly(l-lysine) Dendrimer:â€‰ Novel Linear Polymer/Dendrimer Block Copolymer Forming a Spherical Water-Soluble Polyionic Complex with DNA. Bioconjugate Chemistry, 1999, 10, 62-65.	3.6	139
10	Targeted near-IR QDs-loaded micelles for cancer therapy and imaging. Biomaterials, 2010, 31, 5436-5444.	11.4	125
11	Liposomes: Versatile and Biocompatible Nanovesicles for Efficient Biomolecules Delivery. Journal of Nanoscience and Nanotechnology, 2014, 14, 755-765.	0.9	121
12	New Cationic Liposomes for Gene Transfer into Mammalian Cells with High Efficiency and Low Toxicity. Bioconjugate Chemistry, 2001, 12, 108-113.	3.6	106
13	Dexamethasone conjugated poly(amidoamine) dendrimer as a gene carrier for efficient nuclear translocation. International Journal of Pharmaceutics, 2006, 320, 171-178.	5.2	106
14	Enhanced transfection of primary cortical cultures using arginine-grafted PAMAM dendrimer, PAMAM-Arg. Journal of Controlled Release, 2006, 114, 110-117.	9.9	105
15	Endocytosis, intracellular transport, and exocytosis of lanthanide-doped upconverting nanoparticles in single living cells. Biomaterials, 2012, 33, 9080-9086.	11.4	105
16	Low-pH-Sensitive PEG-Stabilized Plasmidâ^'Lipid Nanoparticles:Â Preparation and Characterization. Bioconjugate Chemistry, 2003, 14, 420-429.	3.6	101
17	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
18	Synthesis of PAMAM Dendrimer Derivatives with Enhanced Buffering Capacity and Remarkable Gene Transfection Efficiency. Bioconjugate Chemistry, 2011, 22, 1046-1055.	3.6	92

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19	Poly(ethylene oxide sulfide):Â New Poly(ethylene glycol) Derivatives Degradable in Reductive Conditions. Biomacromolecules, 2005, 6, 24-26.	5.4	87
20	Dexamethasone-Conjugated Low Molecular Weight Polyethylenimine as a Nucleus-Targeting Lipopolymer Gene Carrier. Bioconjugate Chemistry, 2007, 18, 2029-2036.	3.6	81
21	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
22	Musselâ€inspired Approach to Constructing Robust Multilayered Alginate Films for Antibacterial Applications. Advanced Functional Materials, 2016, 26, 4099-4105.	14.9	69
23	A highly selective dual-channel Cu2+ and Al3+ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. Sensors and Actuators B: Chemical, 2015, 210, 173-182.	7.8	65
24	Patterning of proteins and cells on functionalized surfaces prepared by polyelectrolyte multilayers and micromolding in capillaries. Biosensors and Bioelectronics, 2007, 22, 3188-3195.	10.1	61
25	Baicalein inhibits osteoclast differentiation and induces mature osteoclast apoptosis. Food and Chemical Toxicology, 2008, 46, 3375-3382.	3.6	61
26	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
27	Synthesis of Biodegradable Cross-Linked Poly(Î²-amino ester) for Gene Delivery and Its Modification, Inducing Enhanced Transfection Efficiency and Stepwise Degradation. Bioconjugate Chemistry, 2005, 16, 1140-1148.	3.6	51
28	The control of cell adhesion and detachment on thin films of thermoresponsive poly[(N-isopropylacrylamide)-r-((3-(methacryloylamino)propyl)-dimethyl(3-sulfopropyl)ammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	31.4	49
29	Comparative Study of Upconverting Nanoparticles with Various Crystal Structures, Core/Shell Structures, and Surface Characteristics. Journal of Physical Chemistry C, 2013, 117, 2239-2244.	3.1	48
30	Hydrogel Functionalized Janus Membrane for Skin Regeneration. Advanced Healthcare Materials, 2017, 6, 1600795.	7.6	46
31	Saurolactam inhibits osteoclast differentiation and stimulates apoptosis of mature osteoclasts. Journal of Cellular Physiology, 2009, 221, 618-628.	4.1	44
32	Intraperitoneal gene delivery mediated by a novel cationic liposome in a peritoneal disseminated ovarian cancer model. Gene Therapy, 2002, 9, 859-866.	4.5	43
33	Dexamethasoneâ€conjugated polyethylenimine as an efficient gene carrier with an antiâ€apoptotic effect to cardiomyocytes. Journal of Gene Medicine, 2009, 11, 515-522.	2.8	42
34	Combinational therapy of ischemic brain stroke by delivery of heme oxygenase-1 gene and dexamethasone. Biomaterials, 2011, 32, 306-315.	11.4	42
35	Dequalinium-based functional nanosomes show increased mitochondria targeting and anticancer effect. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 104-115.	4.3	39
36	Brain gene delivery using histidine and arginine-modified dendrimers for ischemic stroke therapy. Journal of Controlled Release, 2021, 330, 907-919.	9.9	39

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37	Ordered honeycomb biocompatible polymer films via a one-step solution-immersion phase separation used as a scaffold for cell cultures. Chemical Engineering Journal, 2017, 320, 561-569.	12.7	37
38	Combined delivery of dexamethasone and plasmid DNA in an animal model of LPS-induced acute lung injury. Journal of Controlled Release, 2011, 156, 60-69.	9.9	36
39	Functional nanosome for enhanced mitochondria-targeted gene delivery and expression. Mitochondrion, 2017, 37, 27-40.	3.4	36
40	Gene delivery of PAMAM dendrimer conjugated with the nuclear localization signal peptide originated from fibroblast growth factor 3. International Journal of Pharmaceutics, 2014, 459, 10-18.	5.2	35
41	Self-assembled nanoparticles composed of glycol chitosan-dequalinium for mitochondria-targeted drug delivery. International Journal of Biological Macromolecules, 2019, 132, 451-460.	7.5	34
42	DNA delivery to the mitochondria sites using mitochondrial leader peptide conjugated polyethylenimine. Journal of Drug Targeting, 2007, 15, 115-122.	4.4	33
43	Osteoconductive conjugation of bone morphogenetic protein-2 onto titanium/titanium oxide surfaces coated with non-biofouling poly(poly(ethylene glycol) methacrylate). Colloids and Surfaces B: Biointerfaces, 2010, 75, 385-389.	5.0	33
44	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
45	Liposomes containing cholesterol and mitochondria-penetrating peptide (MPP) for targeted delivery of antimycin A to A549 cells. Colloids and Surfaces B: Biointerfaces, 2018, 161, 356-364.	5.0	33
46	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
47	Molecular Dynamics Studies of the Size and Internal Structure of the PAMAM Dendrimer Grafted with Arginine and Histidine. Macromolecules, 2011, 44, 8681-8686.	4.8	30
48	Gold nanorods-conjugated TiO2 nanoclusters for the synergistic combination of phototherapeutic treatments of cancer cells. Journal of Nanobiotechnology, 2018, 16, 104.	9.1	30
49	Visible light-sensitive APTES-bound ZnO nanowire toward a potent nanoinjector sensing biomolecules in a living cell. Nanoscale, 2013, 5, 10275.	5.6	29
50	Cathepsin B-Responsive Liposomes for Controlled Anticancer Drug Delivery in Hep G2 Cells. Pharmaceutics, 2020, 12, 876.	4.5	29
51	Long-term stability of cell micropatterns on poly((3-(methacryloylamino)propyl)-dimethyl(3-sulfopropyl)ammonium hydroxide)-patterned silicon oxide surfaces. Biomaterials, 2010, 31, 9565-9574.	11.4	28
52	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
53	Highly effective and slow-biodegradable network-type cationic gene delivery polymer: Small library-like approach synthesis and characterization. Biomaterials, 2006, 27, 2292-2301.	11.4	27
54	Multipurpose Antifouling Coating of Solid Surfaces with the Marineâ€Derived Polymer Fucoidan. Macromolecular Bioscience, 2018, 18, e1800137.	4.1	27

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55	Synthesis and characterization of poly (amino ester) for slow biodegradable gene delivery vector. Bioorganic and Medicinal Chemistry, 2007, 15, 1708-1715.	3.0	26
56	Apoptin Gene Delivery by the Functionalized Polyamidoamine Dendrimer Derivatives Induces Cell Death of U87-MG Glioblastoma Cells. Journal of Pharmaceutical Sciences, 2017, 106, 1618-1633.	3.3	26
57	Synthesis and characterization of dexamethasoneâ€conjugated linear polyethylenimine as a gene carrier. Journal of Cellular Biochemistry, 2010, 110, 743-751.	2.6	25
58	Polyamidoamine (PAMAM) Dendrimers Modified with Cathepsin-B Cleavable Oligopeptides for Enhanced Gene Delivery. Polymers, 2017, 9, 224.	4.5	24
59	Basic amino acid-conjugated polyamidoamine dendrimers with enhanced gene transfection efficiency. Macromolecular Research, 2014, 22, 500-508.	2.4	23
60	Triphenylphosphonium-conjugated glycol chitosan microspheres for mitochondria-targeted drug delivery. International Journal of Biological Macromolecules, 2021, 167, 35-45.	7.5	23
61	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
62	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
63	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
64	Hydrothermal synthesis of defective TiO₂nanoparticles for long-wavelength visible light-photocatalytic killing of cancer cells. RSC Advances, 2015, 5, 99789-99796.	3.6	20
65	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
66	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
67	Fabrication of ZnO nanoplates for visible light-induced imaging of living cells. Journal of Materials Chemistry B, 2014, 2, 2311-2317.	5.8	19
68	Polyplexes of Functional PAMAM Dendrimer/Apoptin Gene Induce Apoptosis of Human Primary Glioma Cells In Vitro. Polymers, 2019, 11, 296.	4.5	19
69	Dual-Functional Dendrimer Micelles with Glycyrrhizic Acid for Anti-Inflammatory Therapy of Acute Lung Injury. ACS Applied Materials & Interfaces, 2021, 13, 47313-47326.	8.0	19
70	Amphiphilic Peptide Nanorods Based on Oligo-Phenylalanine as a Biocompatible Drug Carrier. Bioconjugate Chemistry, 2017, 28, 2266-2276.	3.6	19
71	Quaternized Polyamidoamine Dendrimers as Novel Gene Delivery System: Relationship between Degree of Quaternization and Their Influences. Bulletin of the Korean Chemical Society, 2003, 24, 1637-1640.	1.9	18
72	Novel hyperbranched polyethyleneimine conjugate as an efficient non-viral gene delivery vector. Macromolecular Research, 2013, 21, 1097-1104.	2.4	17

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73	Gene Delivery by PAMAM Dendrimer Conjugated with the Nuclear Localization Signal Peptide Derived from Influenza B Virus Nucleoprotein. Macromolecular Research, 2019, 27, 360-368.	2.4	17
74	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
75	Amino acid-modified bioreducible poly(amidoamine) dendrimers: Synthesis, characterization and In vitro evaluation. Macromolecular Research, 2012, 20, 1156-1162.	2.4	15
76	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
77	Coordination-Driven Surface Zwitteration for Antibacterial and Antifog Applications. Langmuir, 2022, 38, 1550-1559.	3.5	15
78	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
79	Dexamethasone conjugation to polyamidoamine dendrimers G1 and G2 for enhanced transfection efficiency with an anti-inflammatory effect. Journal of Drug Targeting, 2012, 20, 667-677.	4.4	14
80	Apoptin Gene Delivery by the Functionalized Polyamidoamine (PAMAM) Dendrimer Modified with Ornithine Induces Cell Death of HepG2 Cells. Polymers, 2017, 9, 197.	4.5	13
81	Electrostatically assembled dendrimer complex with a high-affinity protein binder for targeted gene delivery. International Journal of Pharmaceutics, 2018, 544, 39-45.	5.2	13
82	Enhanced splicing correction effect by an oligo-aspartic acidâ€“PNA conjugate and cationic carrier complexes. Journal of Controlled Release, 2014, 175, 54-62.	9.9	12
83	Ordered cylindrical micropatterned Petri dishes used as scaffolds for cell growth. Journal of Colloid and Interface Science, 2018, 513, 161-169.	9.4	12
84	Enzyme-Responsive Amphiphilic Peptide Nanoparticles for Biocompatible and Efficient Drug Delivery. Pharmaceutics, 2022, 14, 143.	4.5	12
85	Facile and effective antibacterial coatings on various oxide substrates. Journal of Industrial and Engineering Chemistry, 2018, 68, 42-47.	5.8	10
86	Antibacterial Film Formation through Iron(III) Complexation and Oxidation-Induced Cross-Linking of OEG-DOPA. Langmuir, 2019, 35, 14465-14472.	3.5	10
87	Cationic Oligopeptide-Functionalized Mitochondria Targeting Sequence Show Mitochondria Targeting and Anticancer Activity. Macromolecular Research, 2019, 27, 1071-1080.	2.4	10
88	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
89	Multi-dimensional TOF-SIMS analysis for effective profiling of disease-related ions from the tissue surface. Scientific Reports, 2015, 5, 11077.	3.3	9
90	Polymeric Nano-half-shells prepared by Simple Solvent Evaporation Method. Bulletin of the Korean Chemical Society, 2009, 30, 1-3.	1.9	9

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91	PAMAM Dendrimer Conjugated with N-terminal Oligopeptides of Mouse Fibroblast Growth Factor 3 as a Novel Gene Carrier. Bulletin of the Korean Chemical Society, 2014, 35, 1036-1042.	1.9	9
92	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
93	Preparation of Cationic Polydiacetylene Nanovesicles for In Vitro Gene Delivery. Journal of Nanoscience and Nanotechnology, 2008, 8, 5266-5270.	0.9	8
94	Preparation of Dexamethasone-Based Cationic Liposome and Its Application to Gene Delivery In Vitro. Journal of Nanoscience and Nanotechnology, 2011, 11, 1799-1802.	0.9	8
95	Polyethylenimine-grafted polyamidoamine conjugates for gene delivery with high efficiency and low cytotoxicity. Macromolecular Research, 2014, 22, 757-764.	2.4	8
96	<scp>PAMAM</scp> Dendrimer Conjugated with Cellâ€penetrating Peptideâ€derived Oligopeptides for Enhanced Cell Uptake and Gene Delivery. Bulletin of the Korean Chemical Society, 2015, 36, 2477-2483.	1.9	8
97	Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging of Phospholipid Changes in a Drosophila Model of Early Amyotrophic Lateral Sclerosis. Journal of the American Society for Mass Spectrometry, 2021, 32, 2536-2545.	2.8	8
98	Apoptin gene delivery by a PAMAM dendrimer modified with a nuclear localization signal peptide as a gene carrier for brain cancer therapy. Korean Journal of Physiology and Pharmacology, 2021, 25, 467-478.	1.2	8
99	PAMAM Dendrimers Conjugated with L-Arginine and Î³-Aminobutyric Acid as Novel Polymeric Gene Delivery Carriers. Bulletin of the Korean Chemical Society, 2013, 34, 579-584.	1.9	8
100	Cationic oligopeptide-conjugated mitochondria targeting sequence as a novel carrier system for mitochondria. Macromolecular Research, 2014, 22, 42-46.	2.4	7
101	Enhanced transfection efficiency of low generation PAMAM dendrimer conjugated with the nuclear localization signal peptide derived from herpesviridae. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 22-41.	3.5	7
102	Synthesis of Diblock Copolymer, Methoxypoly(ethylene glycol)-block-Polyamidoamine Dendrimer and Its Generation-dependent Self-Assembly with Plasmid DNA. Bulletin of the Korean Chemical Society, 2003, 24, 123-125.	1.9	7
103	Preparation of Naproxen-Loaded Poly(ethylene oxide-b-methacrylic acid) Micelle and Its pH-dependent Drug Release Behavior. Bulletin of the Korean Chemical Society, 2009, 30, 931-934.	1.9	6
104	Preparation and characterization of polyamidoamine dendrimers conjugated with cholesteryl-dipeptide as gene carriers in HeLa cells. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 976-994.	3.5	6
105	Mitochondria targeting delivery of nucleic acids. Expert Opinion on Drug Delivery, 2008, 5, 879-887.	5.0	5
106	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
107	Preparation and characterization of 3D human glioblastoma spheroids using an N-octanoyl glycol chitosan hydrogel. International Journal of Biological Macromolecules, 2021, 185, 87-97.	7.5	5
108	Sequential Conjugation of 6-Aminohexanoic Acids and L-Arginines to Poly(amidoamine) Dendrimer to Modify Hydrophobicity and Flexibility of the Polymeric Gene Carrier. Bulletin of the Korean Chemical Society, 2011, 32, 651-655.	1.9	5

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109	ToFâ€SIMS analysis of diadenosine triphosphate and didadenosine tetraphosphate using bismuth and argon cluster ion beams. Surface and Interface Analysis, 2014, 46, 189-192.	1.8	4
110	Polyethylenimine-poly(amidoamine) dendrimer modified with l-arginines as an efficient gene delivery vector. Macromolecular Research, 2015, 23, 726-733.	2.4	4
111	DQAsomes Nanoparticles Promote Osteogenic Differentiation of Human Adiposeâ€derived Mesenchymal Stem Cells. Bulletin of the Korean Chemical Society, 2018, 39, 97-104.	1.9	4
112	Crystal structure of human LC8 bound to a peptide from Ebola virus VP35. Journal of Microbiology, 2021, 59, 410-416.	2.8	4
113	Nonviral gene delivery using PAMAM dendrimer conjugated with the nuclear localization signal peptide derived from human papillomavirus type 11 E2 protein. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1140-1160.	3.5	4
114	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
115	Characteristics of PEGylated Polydiacetylene Liposome and its Inclusion Complex Formation with Î±-Cyclodextrin. Bulletin of the Korean Chemical Society, 2013, 34, 3083-3087.	1.9	4
116	Synthesis of Polyethylene Glycol-Oligo (Glutamic Acid) Conjugated with Polyethylenimine-Dexamethasone for Gene Delivery Applications. Journal of Nanoscience and Nanotechnology, 2013, 13, 7325-7330.	0.9	3
117	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, 3689-94.	0.9	3
118	Coordination-driven antifouling spray coating using a sulfated polysaccharide Fucoidan. Progress in Organic Coatings, 2022, 169, 106916.	3.9	3
119	Synthesis and Characterization of Dual-Sensitive PAMAM Derivatives Conjugated with Enzyme Cleavable Peptides as Gene Carriers. Macromolecular Research, 2021, 29, 636-647.	2.4	2
120	Synthesis, Characterization and Application of Dendritic Lipids for Gene Delivery. Bulletin of the Korean Chemical Society, 2012, 33, 1353-1356.	1.9	2
121	Synthesis of Polymerizable Amphiphiles with Basic Oligopeptides for Gene Delivery Application. Porrime, 2013, 37, 94-99.	0.2	2
122	Supramolecular Self-Assembly of Poly(ethylene glycol)- Block-Poly(L-lysine) Dendrimer with Plasmid DNA. , 2001, 65, 23-33.		1
123	Preparation of cationic liposome containing a novel water-soluble detergent and its application to gene deliveryIn vitro. Macromolecular Research, 2007, 15, 280-283.	2.4	1
124	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
125	Smac Gene Delivery by the Glycol Chitosan with Low Molecular Weight Polyethylenimine Induces Apoptosis of Cancer Cells for Combination Therapy with Etoposide. Macromolecular Research, 2019, 27, 944-954.	2.4	1
126	Combination of Epstein-Barr Virus-Based Plasmid and Nonviral Polymeric Vectors for Enhanced and Prolonged Gene Expression. Bulletin of the Korean Chemical Society, 2012, 33, 3676-3680.	1.9	1

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127	PEG-Glu-PEI-Dexamethasone Conjugates: Synthesis, Characterization and In Vitro Gene Transfer Properties. Advanced Materials Research, 2013, 747, 147-147.	0.3	0
128	Stimulation of Phospholipase D in HepG2 Cells After Transfection Using Cationic Liposomes. Bulletin of the Korean Chemical Society, 2013, 34, 931-935.	1.9	0
129	Synthesis and Characterization of Polyethylenimine-conjugated Polydiacetylene Liposome as a Gene Delivery Carrier. Porrime, 2014, 38, 43-48.	0.2	0
130	Conjugation of Peptide to Cystamine Core Polyamidoamine with Î³-Aminobutyric Acid for Gene Delivery. Porrime, 2015, 39, 727.	0.2	0
131	Gene Carriers: Design Elements. , 0, , 3600-3609.		0
132	Gene Carriers: Design Elements. , 2017, , 623-632.		0