

Myung-Haing Cho

List of Publications by Year in descending order

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287
papers

18,255
citations

22153

59
h-index

15732

125
g-index

294
all docs

294
docs citations

294
times ranked

25503
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial effects of silver nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 95-101.	3.3	3,939
2	Toxicity and Tissue Distribution of Magnetic Nanoparticles in Mice. <i>Toxicological Sciences</i> , 2006, 89, 338-347.	3.1	544
3	Designed Fabrication of Multifunctional Magnetic Gold Nanoshells and Their Application to Magnetic Resonance Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7754-7758.	13.8	475
4	Subchronic Inhalation Toxicity of Silver Nanoparticles. <i>Toxicological Sciences</i> , 2009, 108, 452-461.	3.1	426
5	Multifunctional Nanoparticles Possessing A ?Magnetic Motor Effect? for Drug or Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1068-1071.	13.8	379
6	Chemical modification of chitosan as a gene carrier in vitro and in vivo. <i>Progress in Polymer Science</i> , 2007, 32, 726-753.	24.7	312
7	Small-molecule activation of procaspase-3 to caspase-3 as a personalized anticancer strategy. , 2006, 2, 543-550.		300
8	Specific Targeting, Cell Sorting, and Bioimaging with Smart Magnetic Silica Core-Shell Nanomaterials. <i>Small</i> , 2006, 2, 209-215.	10.0	291
9	Monitoring Multiwalled Carbon Nanotube Exposure in Carbon Nanotube Research Facility. <i>Inhalation Toxicology</i> , 2008, 20, 741-749.	1.6	289
10	Chitosan-graft-polyethylenimine as a gene carrier. <i>Journal of Controlled Release</i> , 2007, 117, 273-280.	9.9	284
11	[6]-Gingerol inhibits COX-2 expression by blocking the activation of p38 MAP kinase and NF- κ B in phorbol ester-stimulated mouse skin. <i>Oncogene</i> , 2005, 24, 2558-2567.	5.9	267
12	Nanoparticle Probes with Surface Enhanced Raman Spectroscopic Tags for Cellular Cancer Targeting. <i>Analytical Chemistry</i> , 2006, 78, 6967-6973.	6.5	262
13	Degradable polyethylenimine-alt-poly(ethylene glycol) copolymers as novel gene carriers. <i>Journal of Controlled Release</i> , 2005, 105, 367-380.	9.9	234
14	Size-dependent tissue kinetics of PEG-coated gold nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 116-123.	2.8	234
15	Zinc oxide nanoparticle induced autophagic cell death and mitochondrial damage via reactive oxygen species generation. <i>Toxicology in Vitro</i> , 2013, 27, 1187-1195.	2.4	222
16	Multifunctional Silver-Embedded Magnetic Nanoparticles as SERS Nanoprobes and Their Applications. <i>Small</i> , 2010, 6, 119-125.	10.0	184
17	A Novel Function of the MA-3 Domains in Transformation and Translation Suppressor Pcd4 Is Essential for Its Binding to Eukaryotic Translation Initiation Factor 4A. <i>Molecular and Cellular Biology</i> , 2004, 24, 3894-3906.	2.3	183
18	Cellular uptake of magnetic nanoparticle is mediated through energy-dependent endocytosis in A549 cells. <i>Journal of Veterinary Science</i> , 2006, 7, 321.	1.3	171

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19	A biodegradable poly(ester amine) based on polycaprolactone and polyethylenimine as a gene carrier. <i>Biomaterials</i> , 2007, 28, 735-744.	11.4	170
20	Mannosylated polyethylenimine coupled mesoporous silica nanoparticles for receptor-mediated gene delivery. <i>International Journal of Pharmaceutics</i> , 2008, 359, 280-287.	5.2	159
21	Magnetic nanoparticles: an update of application for drug delivery and possible toxic effects. <i>Archives of Toxicology</i> , 2012, 86, 685-700.	4.2	159
22	Body Distribution of Inhaled Fluorescent Magnetic Nanoparticles in the Mice. <i>Journal of Occupational Health</i> , 2008, 50, 1-6.	2.1	151
23	Resveratrol inhibits TCDD-induced expression of CYP1A1 and CYP1B1 and catechol estrogen-mediated oxidative DNA damage in cultured human mammary epithelial cells. <i>Carcinogenesis</i> , 2004, 25, 2005-2013.	2.8	148
24	Galactosylated poly(ethylene glycol)-chitosan-graft-polyethylenimine as a gene carrier for hepatocyte-targeting. <i>Journal of Controlled Release</i> , 2008, 131, 150-157.	9.9	148
25	Mannosylated chitosan nanoparticle-based cytokine gene therapy suppressed cancer growth in BALB/c mice bearing CT-26 carcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1723-1732.	4.1	142
26	Prevention of Nitric Oxide-Mediated 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine-Induced Parkinson's Disease in Mice by Tea Phenolic Epigallocatechin 3-Gallate. <i>NeuroToxicology</i> , 2002, 23, 367-374.	3.0	129
27	Surface-enhanced Raman scattering-active nanostructures and strategies for bioassays. <i>Nanomedicine</i> , 2011, 6, 1463-1480.	3.3	127
28	Galactosylated chitosan-graft-polyethylenimine as a gene carrier for hepatocyte targeting. <i>Gene Therapy</i> , 2007, 14, 1389-1398.	4.5	126
29	Major degradable polycations as carriers for DNA and siRNA. <i>Journal of Controlled Release</i> , 2014, 193, 74-89.	9.9	124
30	The suppression of lung tumorigenesis by aerosol-delivered folate-chitosan-graft-polyethylenimine/Akt1 shRNA complexes through the Akt signaling pathway. <i>Biomaterials</i> , 2009, 30, 5844-5852.	11.4	123
31	High Dietary Inorganic Phosphate Increases Lung Tumorigenesis and Alters Akt Signaling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 59-68.	5.6	120
32	Degradable polyethylenimines as DNA and small interfering RNA carriers. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 827-834.	5.0	113
33	Molecular mechanism(s) of endocrine-disrupting chemicals and their potent oestrogenicity in diverse cells and tissues that express oestrogen receptors. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1-11.	3.6	110
34	Effects of nonylphenol, bisphenol a, and their mixture on the viviparous swordtail fish (<i>Xiphophorus helleri</i>). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 787-795.	4.3	109
35	Chlropyrifos-methyl shows anti-androgenic activity without estrogenic activity in rats. <i>Toxicology</i> , 2004, 199, 219-230.	4.2	106
36	Aerosol delivery of urocanic acid-modified chitosan/programmed cell death 4 complex regulated apoptosis, cell cycle, and angiogenesis in lungs of K-ras null mice. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1041-1049.	4.1	103

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37	Mannosylated chitosan-graft-polyethylenimine as a gene carrier for Raw 264.7 cell targeting. <i>International Journal of Pharmaceutics</i> , 2009, 375, 133-139.	5.2	103
38	AIMP2/p38, the scaffold for the multi-tRNA synthetase complex, responds to genotoxic stresses via p53. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11206-11211.	7.1	101
39	Folate-PEG-superparamagnetic iron oxide nanoparticles for lung cancer imaging. <i>Acta Biomaterialia</i> , 2012, 8, 3005-3013.	8.3	101
40	Receptor-Mediated Gene Delivery into Antigen Presenting Cells Using Mannosylated Chitosan/DNA Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2796-2803.	0.9	98
41	Poly(ester amine)-mediated, Aerosol-delivered Akt1 Small Interfering RNA Suppresses Lung Tumorigenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 60-73.	5.6	97
42	Chitosan-graft-polyethylenimine for Akt1 siRNA delivery to lung cancer cells. <i>International Journal of Pharmaceutics</i> , 2009, 378, 194-200.	5.2	96
43	Poly(β -amino ester) as a carrier for si/shRNA delivery in lung cancer cells. <i>Biomaterials</i> , 2008, 29, 2535-2547.	11.4	95
44	Magnetic iron oxide nanoparticles induce autophagy preceding apoptosis through mitochondrial damage and ER stress in RAW264.7 cells. <i>Toxicology in Vitro</i> , 2014, 28, 1402-1412.	2.4	89
45	Multiplex Immunoassay Using Fluorescent-Surface Enhanced Raman Spectroscopic Dots for the Detection of Bronchioalveolar Stem Cells in Murine Lung. <i>Analytical Chemistry</i> , 2009, 81, 1008-1015.	6.5	88
46	Surface-Enhanced Raman Spectroscopic-Encoded Beads for Multiplex Immunoassay. <i>ACS Combinatorial Science</i> , 2007, 9, 237-244.	3.3	86
47	Toxic response of graphene nanoplatelets in vivo and in vitro. <i>Archives of Toxicology</i> , 2015, 89, 1557-1568.	4.2	86
48	Multiplex Targeting, Tracking, and Imaging of Apoptosis by Fluorescent Surface Enhanced Raman Spectroscopic Dots. <i>Bioconjugate Chemistry</i> , 2007, 18, 1155-1162.	3.6	85
49	Cancer-Associated Splicing Variant of Tumor Suppressor AIMP2/p38: Pathological Implication in Tumorigenesis. <i>PLoS Genetics</i> , 2011, 7, e1001351.	3.5	84
50	Titanium Dioxide Nanoparticles Induce Endoplasmic Reticulum Stress-Mediated Autophagic Cell Death via Mitochondria-Associated Endoplasmic Reticulum Membrane Disruption in Normal Lung Cells. <i>PLoS ONE</i> , 2015, 10, e0131208.	2.5	82
51	Evidence of Quinone Metabolites of Naphthalene Covalently Bound to Sulfur Nucleophiles of Proteins of Murine Clara Cells after Exposure to Naphthalene. <i>Chemical Research in Toxicology</i> , 1997, 10, 1008-1014.	3.3	80
52	Association of LETM1 and MRPL36 Contributes to the Regulation of Mitochondrial ATP Production and Necrotic Cell Death. <i>Cancer Research</i> , 2009, 69, 3397-3404.	0.9	77
53	Genomics-based screening of differentially expressed genes in the brains of mice exposed to silver nanoparticles via inhalation. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1567-1578.	1.9	74
54	Development of a Cy3-Labeled Glucose Bioprobe and Its Application in Bioimaging and Screening for Anticancer Agents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2018-2022.	13.8	72

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55	Chlorpyrifos induces NLRP3 inflammasome and pyroptosis/apoptosis via mitochondrial oxidative stress in human keratinocyte HaCaT cells. <i>Toxicology</i> , 2015, 338, 37-46.	4.2	71
56	Target-specific near-IR induced drug release and photothermal therapy with accumulated Au/Ag hollow nanoshells on pulmonary cancer cell membranes. <i>Biomaterials</i> , 2015, 45, 81-92.	11.4	69
57	Biomarkers of exposure and effect as indicators of potential carcinogenic risk arising from in vivo metabolism of ethylene to ethylene oxide. <i>Carcinogenesis</i> , 2000, 21, 1661-1669.	2.8	67
58	Biodegradable poly(ester amine) based on glycerol dimethacrylate and polyethylenimine as a gene carrier. <i>Journal of Gene Medicine</i> , 2008, 10, 1223-1235.	2.8	65
59	Protein separation and identification using magnetic beads encoded with surface-enhanced Raman spectroscopy. <i>Analytical Biochemistry</i> , 2009, 391, 24-30.	2.4	65
60	GOLGA2/GM130, cis-Golgi Matrix Protein, is a Novel Target of Anticancer Gene Therapy. <i>Molecular Therapy</i> , 2012, 20, 2052-2063.	8.2	62
61	Aerosol Delivery of Glucosylated Polyethylenimine/Phosphatase and Tensin Homologue Deleted on Chromosome 10 Complex Suppresses Akt Downstream Pathways in the Lung of K-ras Null Mice. <i>Cancer Research</i> , 2004, 64, 7971-7976.	0.9	60
62	Magnetic surface-enhanced Raman spectroscopic (M-SERS) dots for the identification of bronchioalveolar stem cells in normal and lung cancer mice. <i>Biomaterials</i> , 2009, 30, 3915-3925.	11.4	58
63	Methylmercury induces caspase-dependent apoptosis and autophagy in human neural stem cells. <i>Journal of Toxicological Sciences</i> , 2013, 38, 823-831.	1.5	58
64	Chondroitin sulfate extracted from the <i>Styela clava</i> tunic suppresses TNF- α -induced expression of inflammatory factors, VCAM-1 and iNOS by blocking Akt/NF- κ B signal in JB6 cells. <i>Cancer Letters</i> , 2008, 264, 93-100.	7.2	57
65	Multiple pathways are involved in palmitic acid-induced toxicity. <i>Food and Chemical Toxicology</i> , 2014, 67, 26-34.	3.6	57
66	Synergistic anti-tumor activity of paclitaxel-incorporated conjugated linoleic acid-coupled poloxamer thermosensitive hydrogel in vitro and in vivo. <i>Biomaterials</i> , 2009, 30, 4777-4785.	11.4	56
67	ERK pathway is activated in bare-FeNPs-induced autophagy. <i>Archives of Toxicology</i> , 2014, 88, 323-336.	4.2	56
68	EFFECTS OF NONYLPHENOL, BISPHENOL A, AND THEIR MIXTURE ON THE VIVIPAROUS SWORDTAIL FISH (XIPHOPHORUS HELLERI). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 787.	4.3	54
69	Monocyclic carotenoid biosynthetic pathway in the yeast <i>Phaffia rhodozyma</i> (<i>Xanthophyllomyces</i>) Tj ETQq1 1 0.784314 rgBT ₅₃ /Overlook	2.2	53
70	Development and <i>in vivo</i> imaging of a PET/MRI nanoprobe with enhanced NIR fluorescence by dye encapsulation. <i>Nanomedicine</i> , 2012, 7, 219-229.	3.3	53
71	Magnetite- and maghemite-induced different toxicity in murine alveolar macrophage cells. <i>Archives of Toxicology</i> , 2014, 88, 1607-1618.	4.2	53
72	Inhalation of titanium dioxide induces endoplasmic reticulum stress-mediated autophagy and inflammation in mice. <i>Food and Chemical Toxicology</i> , 2015, 85, 106-113.	3.6	53

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73	Elevated Inorganic Phosphate Stimulates Akt-ERK1/2-Mnk1 Signaling in Human Lung Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 528-539.	2.9	52
74	Urocanic acid-modified chitosan-mediated PTEN delivery via aerosol suppressed lung tumorigenesis in K-rasLA1 mice. <i>Cancer Gene Therapy</i> , 2008, 15, 275-283.	4.6	52
75	Synergistic effect of ERK inhibition on tetrandrine-induced apoptosis in A549 human lung carcinoma cells. <i>Journal of Veterinary Science</i> , 2009, 10, 23.	1.3	52
76	A Degradable Hyperbranched Poly(ester amine) Based on Poloxamer Diacrylate and Polyethylenimine as a Gene Carrier. <i>Macromolecular Bioscience</i> , 2007, 7, 611-619.	4.1	51
77	One-step synthesis of silver nanoshells with bumps for highly sensitive near-IR SERS nanoprobe. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4415-4421.	5.8	51
78	Cultivation of the carotenoid-hyperproducing mutant 2A2N of the red yeast <i>Xanthophyllomyces dendrorhous</i> (Phaffia rhodozyma) with molasses. <i>Journal of Bioscience and Bioengineering</i> , 2001, 92, 121-125.	2.2	50
79	Cadmium affects genes involved in growth regulation during two-stage transformation of Balb/3T3 cells. <i>Toxicology</i> , 2002, 177, 253-265.	4.2	50
80	Chitosan-graft-spermine as a gene carrier in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 36-42.	4.3	50
81	A 13-week repeated-dose oral toxicity and bioaccumulation of aluminum oxide nanoparticles in mice. <i>Archives of Toxicology</i> , 2015, 89, 371-379.	4.2	49
82	Efficient gene delivery using chitosan-polyethylenimine hybrid systems. <i>Biomedical Materials</i> (Bristol), 2008, 3, 025013.	3.3	47
83	Receptor-mediated gene delivery by folate-PEG-baculovirus in vitro. <i>Journal of Biotechnology</i> , 2007, 131, 353-361.	3.8	46
84	Toxicity and Clearance of Intratracheally Administered Multiwalled Carbon Nanotubes from Murine Lung. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 1530-1543.	2.3	46
85	Aerosol delivery of spermine-based poly(amino ester)/Akt1 shRNA complexes for lung cancer gene therapy. <i>International Journal of Pharmaceutics</i> , 2011, 420, 256-265.	5.2	46
86	Efficient Gene Delivery with Osmotically Active and Hyperbranched Poly(ester amine)s. <i>Bioconjugate Chemistry</i> , 2009, 20, 2231-2241.	3.6	44
87	Beclin1-induced Autophagy Abrogates Radioresistance of Lung Cancer Cells by Suppressing Osteopontin. <i>Journal of Radiation Research</i> , 2012, 53, 422-432.	1.6	44
88	High Dietary Inorganic Phosphate Affects Lung through Altering Protein Translation, Cell Cycle, and Angiogenesis in Developing Mice. <i>Toxicological Sciences</i> , 2007, 100, 215-223.	3.1	43
89	Comparing the toxic mechanism of synthesized zinc oxide nanomaterials by physicochemical characterization and reactive oxygen species properties. <i>Toxicology Letters</i> , 2011, 207, 197-203.	0.8	42
90	Accelerated gene transfer through a polysorbitol-based transporter mechanism. <i>Biomaterials</i> , 2011, 32, 9908-9924.	11.4	42

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91	Synergistic effects of Akt1 shRNA and paclitaxel-incorporated conjugated linoleic acid-coupled poloxamer thermosensitive hydrogel on breast cancer. <i>Biomaterials</i> , 2012, 33, 2272-2281.	11.4	42
92	Biodistribution and toxicity of spherical aluminum oxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2016, 36, 424-433.	2.8	42
93	Gemigliptin improves renal function and attenuates podocyte injury in mice with diabetic nephropathy. <i>European Journal of Pharmacology</i> , 2015, 761, 116-124.	3.5	40
94	Selective stimulation of caveolae-mediated endocytosis by an osmotic polymannitol-based gene transporter. <i>Biomaterials</i> , 2012, 33, 7272-7281.	11.4	39
95	SWCNTs induced autophagic cell death in human bronchial epithelial cells. <i>Toxicology in Vitro</i> , 2014, 28, 442-450.	2.4	39
96	Combination therapy with doxorubicin-loaded galactosylated poly(ethyleneglycol)-lithocholic acid to suppress the tumor growth in an orthotopic mouse model of liver cancer. <i>Biomaterials</i> , 2017, 116, 130-144.	11.4	39
97	Aerosol-delivered programmed cell death 4 enhanced apoptosis, controlled cell cycle and suppressed AP-1 activity in the lungs of AP-1 luciferase reporter mice. <i>Gene Therapy</i> , 2007, 14, 1353-1361.	4.5	38
98	Poly (amino ester) Composed of Poly (ethylene glycol) and Aminosilane Prepared by Combinatorial Chemistry as a Gene Carrier. <i>Pharmaceutical Research</i> , 2008, 25, 875-885.	3.5	38
99	Î±,Î²-Poly(l-aspartate-graft-PEI): A pseudo-branched PEI as a gene carrier with low toxicity and high transfection efficiency. <i>Acta Biomaterialia</i> , 2009, 5, 2485-2494.	8.3	38
100	Suppression of tumor growth in lung cancer xenograft model mice by poly(sorbitol-co-PEI)-mediated delivery of osteopontin siRNA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 450-462.	4.3	38
101	Reactive Naphthalene Metabolite Binding to Hemoglobin and Albumin. <i>Fundamental and Applied Toxicology</i> , 1994, 22, 26-33.	1.8	37
102	Knockdown of the Sodium-Dependent Phosphate Co-Transporter 2b (NPT2b) Suppresses Lung Tumorigenesis. <i>PLoS ONE</i> , 2013, 8, e77121.	2.5	37
103	Dihydroceramide is a key metabolite that regulates autophagy and promotes fibrosis in hepatic steatosis model. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 460-469.	2.1	37
104	Inhibition of cytokine-induced Î²B kinase activation as a mechanism contributing to the anti-atherogenic activity of tilianin in hyperlipidemic mice. <i>Atherosclerosis</i> , 2005, 180, 27-35.	0.8	36
105	Lentivirus-mediated carboxyl-terminal modulator protein gene transfection via aerosol in lungs of K-ras null mice. <i>Gene Therapy</i> , 2007, 14, 1721-1730.	4.5	36
106	High Gene Transfer by the Osmotic Polysorbitol-Mediated Transporter through the Selective Caveolae Endocytic Pathway. <i>Molecular Pharmaceutics</i> , 2012, 9, 2206-2218.	4.6	36
107	Manganese Distribution in Brains of Spragueâ€Dawley Rats After 60 Days of Stainless Steel Welding-Fume Exposure. <i>NeuroToxicology</i> , 2003, 24, 777-785.	3.0	35
108	The therapeutic efficiency of FP-PEA/TAM67 gene complexes via folate receptor-mediated endocytosis in a xenograft mice model. <i>Biomaterials</i> , 2010, 31, 2435-2445.	11.4	35

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109	Inflammatory and genotoxic responses during 30-day welding-fume exposure period. <i>Toxicology Letters</i> , 2004, 154, 105-115.	0.8	34
110	Galactosylated chitosan-g-PEI/DNA complexes-loaded poly(organophosphazene) hydrogel as a hepatocyte targeting gene delivery system. <i>Archives of Pharmacal Research</i> , 2010, 33, 551-556.	6.3	34
111	Chitosan nanoparticles show rapid extrapulmonary tissue distribution and excretion with mild pulmonary inflammation to mice. <i>Toxicology Letters</i> , 2010, 199, 144-152.	0.8	34
112	Antitumor effects of genetically engineered stem cells expressing yeast cytosine deaminase in lung cancer brain metastases via their tumor-tropic properties. <i>Oncology Reports</i> , 2012, 27, 1823-8.	2.6	34
113	Evaluation of estrogenic and androgenic activity of butylated hydroxyanisole in immature female and castrated rats. <i>Toxicology</i> , 2005, 213, 147-156.	4.2	33
114	Inhaled Fluorescent Magnetic Nanoparticles Induced Extramedullary Hematopoiesis in the Spleen of Mice. <i>Journal of Occupational Health</i> , 2009, 51, 423-431.	2.1	33
115	Akt1 silencing efficiencies in lung cancer cells by sh/si/ssiRNA transfection using a reductable polyspermine carrier. <i>Biomaterials</i> , 2009, 30, 1635-1647.	11.4	33
116	Regulation of transduction efficiency by pegylation of baculovirus vector in vitro and in vivo. <i>Journal of Biotechnology</i> , 2006, 125, 104-109.	3.8	32
117	Biological effects of inorganic phosphate: potential signal of toxicity. <i>Journal of Toxicological Sciences</i> , 2015, 40, 55-69.	1.5	32
118	A High Inorganic Phosphate Diet Perturbs Brain Growth, Alters Akt-ERK Signaling, and Results in Changes in Cap-Dependent Translation. <i>Toxicological Sciences</i> , 2006, 90, 221-229.	3.1	30
119	Acute Pulmonary Toxicity and Body Distribution of Inhaled Metallic Silver Nanoparticles. <i>Toxicological Research</i> , 2012, 28, 25-31.	2.1	30
120	Anti-protozoal efficacy of high performance liquid chromatography fractions of <i>Torilis japonica</i> and <i>Sophora flavescens</i> extracts on <i>Neospora caninum</i> and <i>Toxoplasma gondii</i> . <i>Veterinary Parasitology</i> , 2004, 125, 409-414.	1.8	29
121	SIRT1 interacts with and protects glyceraldehyde-3-phosphate dehydrogenase (GAPDH) from nuclear translocation: Implications for cell survival after irradiation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 681-686.	2.1	29
122	Suppression of tumor growth in H-ras12V liver cancer mice by delivery of programmed cell death protein 4 using galactosylated poly(ethylene glycol)-chitosan-graft-spermine. <i>Biomaterials</i> , 2012, 33, 1894-1902.	11.4	29
123	Aerosol gene delivery using viral vectors and cationic carriers for <i>in vivo</i> lung cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 977-991.	5.0	29
124	Suppression of Lung Tumorigenesis by Leucine Zipper/EF Hand-Containing Transmembrane-1. <i>PLoS ONE</i> , 2010, 5, e12535.	2.5	28
125	Toxic response of HIPCO single-walled carbon nanotubes in mice and RAW264.7 macrophage cells. <i>Toxicology Letters</i> , 2014, 229, 167-177.	0.8	28
126	Roles of protein kinase B Akt in lung cancer. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1472-1484.	1.8	27

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127	Degradable poly(amido amine)s as gene delivery carriers. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1237-1246.	5.0	27
128	The role of osmotic polysorbitol-based transporter in RNAi silencing via caveolae-mediated endocytosis and COX-2 expression. <i>Biomaterials</i> , 2012, 33, 8868-8880.	11.4	27
129	Overexpression of beclin1 induced autophagy and apoptosis in lungs of K-rasLA1 mice. <i>Lung Cancer</i> , 2013, 81, 362-370.	2.0	27
130	Differential Toxic Responses Between Pristine and Functionalized Multiwall Nanotubes Involve Induction of Autophagy Accumulation in Murine Lung. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 1282-1292.	2.3	27
131	Galactosylated chitosan (GC)-graft-poly(vinyl pyrrolidone) (PVP) as hepatocyte-targeting DNA carrier:in vitro transfection. <i>Archives of Pharmacal Research</i> , 2004, 27, 1284-1289.	6.3	26
132	Recovery from Welding-Fume-Exposure-Induced MRI T1 Signal Intensities after Cessation of Welding-Fume Exposure in Brains of Cynomolgus Monkeys. <i>Inhalation Toxicology</i> , 2008, 20, 1075-1083.	1.6	26
133	Development of a monoclonal antibody against deoxynivalenol for magnetic nanoparticle-based extraction and an enzyme-linked immunosorbent assay. <i>Journal of Veterinary Science</i> , 2013, 14, 143.	1.3	26
134	Comparison of cellular toxicity between multi-walled carbon nanotubes and onion-like shell-shaped carbon nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	26
135	Biocompatible polymeric nanocomplexes as an intracellular stimuli-sensitive prodrug for type-2 diabetes combination therapy. <i>Biomaterials</i> , 2015, 73, 149-159.	11.4	26
136	Effect of Evodiae fructus extracts on gene expressions related with alcohol metabolism and antioxidation in ethanol-loaded mice. <i>Food and Chemical Toxicology</i> , 2005, 43, 1365-1371.	3.6	25
137	GOLGA2 loss causes fibrosis with autophagy in the mouse lung and liver. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 594-600.	2.1	25
138	Improvement of in vitro two-stage transformation assay and determination of the promotional effect of cadmium. <i>Toxicology in Vitro</i> , 2001, 15, 225-231.	2.4	24
139	Feature genes of hepatitis B virus-positive hepatocellular carcinoma, established by its molecular discrimination approach using prediction analysis of microarray. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1739, 50-61.	3.8	24
140	Hybrid of baculovirus and galactosylated PEI for efficient gene carrier. <i>Virology</i> , 2009, 387, 89-97.	2.4	24
141	Bioreducible polymers for efficient gene and siRNA delivery. <i>Biomedical Materials (Bristol)</i> , 2009, 4, 025020.	3.3	24
142	Comparison of the toxicity of aluminum oxide nanorods with different aspect ratio. <i>Archives of Toxicology</i> , 2015, 89, 1771-1782.	4.2	24
143	A novel potential biocompatible hyperbranched polyspermine for efficient lung cancer gene therapy. <i>International Journal of Pharmaceutics</i> , 2015, 478, 19-30.	5.2	24
144	Recent advances in aerosol gene delivery systems using non-viral vectors for lung cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 757-772.	5.0	24

#	ARTICLE	IF	CITATIONS
145	p31comet Induces Cellular Senescence through p21 Accumulation and Mad2 Disruption. <i>Molecular Cancer Research</i> , 2009, 7, 371-382.	3.4	23
146	Therapeutic efficiency of folated poly(ethylene glycol)-chitosan-graft-polyethylenimine-Pdcd4 complexes in H-ras12V mice with liver cancer. <i>International Journal of Nanomedicine</i> , 2013, 8, 1489.	6.7	23
147	Dihydroergotamine Tartrate Induces Lung Cancer Cell Death through Apoptosis and Mitophagy. <i>Chemotherapy</i> , 2016, 61, 304-312.	1.6	23
148	Ephedrine-induced mitophagy via oxidative stress in human hepatic stellate cells. <i>Journal of Toxicological Sciences</i> , 2017, 42, 461-473.	1.5	23
149	Aerosol Delivery of Small Hairpin Osteopontin Blocks Pulmonary Metastasis of Breast Cancer in Mice. <i>PLoS ONE</i> , 2010, 5, e15623.	2.5	23
150	Recovery from Welding-Fume-Exposure-Induced Lung Fibrosis and Pulmonary Function Changes in Sprague Dawley Rats. <i>Toxicological Sciences</i> , 2004, 82, 608-613.	3.1	22
151	Chondroitin Sulfate Extracted from Ascidian Tunic Inhibits Phorbol Ester-Induced Expression of Inflammatory Factors VCAM-1 and COX-2 by Blocking NF- κ B Activation in Mouse Skin. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9667-9675.	5.2	22
152	Guanidinylated poly(allyl amine) as a gene carrier. <i>Journal of Applied Polymer Science</i> , 2009, 112, 926-933.	2.6	22
153	Fabrication of a Novel Core-Shell Gene Delivery System Based on a Brush-Like Polycation of β -Poly(L-Aspartate-Graft-PEI). <i>Pharmaceutical Research</i> , 2009, 26, 2152-2163.	3.5	22
154	Cultivation of the Carotenoid-Hyperproducing Mutant 2A2N of the Red Yeast <i>Xanthophyllomyces dendrorhous</i> (Phaffia rhodozyma) with Molasses. <i>Journal of Bioscience and Bioengineering</i> , 2001, 92, 121-125.	2.2	22
155	Endoplasmic reticulum-Golgi intermediate compartment protein 3 knockdown suppresses lung cancer through endoplasmic reticulum stress-induced autophagy. <i>Oncotarget</i> , 2016, 7, 65335-65347.	1.8	22
156	Effects of cadmium on gap junctional intercellular communication in WB-F344 rat liver epithelial cells. <i>Human and Experimental Toxicology</i> , 2001, 20, 577-583.	2.2	21
157	Changes in Blood Manganese Concentration and MRI T1 Relaxation Time During 180 Days of Stainless Steel Welding-Fume Exposure in Cynomolgus Monkeys. <i>Inhalation Toxicology</i> , 2007, 19, 47-55.	1.6	21
158	Aerosol delivery of Akt controls protein translation in the lungs of dual luciferase reporter mice. <i>Gene Therapy</i> , 2007, 14, 451-458.	4.5	21
159	Suppression of lung cancer progression by biocompatible glycerol triacrylate– spermine-mediated delivery of shAkt1. <i>International Journal of Nanomedicine</i> , 2012, 7, 2293.	6.7	21
160	Spermine<i>alt</i></i></i> poly(ethylene glycol) polyspermine as a safe and efficient aerosol gene carrier for lung cancer therapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2230-2237.	4.0	21
161	Comparison of toxicity of different nanorod<i>type TiO₂</i> polymorphs <i>in vivo</i> and <i>in vitro</i>. <i>Journal of Applied Toxicology</i> , 2014, 34, 357-366.	2.8	21
162	Methodological considerations of electron spin resonance spin trapping techniques for measuring reactive oxygen species generated from metal oxide nanomaterials. <i>Scientific Reports</i> , 2016, 6, 26347.	3.3	21

#	ARTICLE	IF	CITATIONS
163	Cadmium-induced alterations of connexin expression in the promotion stage of in vitro two-stage transformation. <i>Toxicology</i> , 2001, 161, 117-127.	4.2	20
164	Cigarette Smoking Condensate Disrupts Endoplasmic Reticulum-Golgi Network Homeostasis Through GOLPH3 Expression in Normal Lung Epithelial Cells. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1877-1885.	2.6	20
165	Aerosol delivery of biocompatible dihydroergotamine-loaded PLGA-PSPE polymeric micelles for efficient lung cancer therapy. <i>Polymer Chemistry</i> , 2017, 8, 1540-1554.	3.9	20
166	Silica Core-Based Surface-Enhanced Raman Scattering (SERS) Tag: Advances in Multifunctional SERS Nanoprobes for Bioimaging and Targeting of Biomarkers. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 963-978.	1.9	20
167	Enhanced efficacy of 7-hydroxy-3-methoxycadalene via glycosylation in in vivo xenograft study. <i>Biorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6335-6339.	2.2	19
168	The effect of RNAi silencing of p62 using an osmotic polysorbitol transporter on autophagy and tumorigenesis in lungs of K-rasLA1 mice. <i>Biomaterials</i> , 2014, 35, 1584-1596.	11.4	18
169	Role of p53 in the cellular response following oleic acid accumulation in Chang liver cells. <i>Toxicology Letters</i> , 2014, 224, 114-120.	0.8	18
170	Gemigliptin, a dipeptidyl peptidase-4 inhibitor, inhibits retinal pericyte injury in db/db mice and retinal neovascularization in mice with ischemic retinopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2618-2629.	3.8	17
171	Oral Toxicity Study and Skin Sensitization Test of a Cricket. <i>Toxicological Research</i> , 2016, 32, 159-173.	2.1	17
172	Kidney-Specific Peptide-Conjugated Poly(ester amine) for the Treatment of Kidney Fibrosis. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5149-5154.	0.9	16
173	Physico-chemical characterization-based safety evaluation of nanocalcium. <i>Food and Chemical Toxicology</i> , 2013, 62, 308-317.	3.6	16
174	Effects of feeding a diet containing <i>Gymnema sylvestre</i> extract: Attenuating progression of obesity in C57BL/6J mice. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 437-444.	0.8	16
175	Deleterious effects in reproduction and developmental immunity elicited by pulmonary iron oxide nanoparticles. <i>Environmental Research</i> , 2017, 152, 503-513.	7.5	16
176	S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. <i>Cellular Signalling</i> , 2018, 48, 13-24.	3.6	16
177	Inhibitory effects of 7-hydroxy-3-methoxy-cadalene on 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-induced lung tumorigenesis in A/J mice. <i>Cancer Letters</i> , 2004, 213, 139-145.	7.2	15
178	Mutation analysis of p31comet gene, a negative regulator of Mad2, in human hepatocellular carcinoma. <i>Experimental and Molecular Medicine</i> , 2007, 39, 508-513.	7.7	15
179	Low dietary inorganic phosphate affects the brain by controlling apoptosis, cell cycle and protein translation. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 16-25.	4.2	15
180	Suppression of tumor growth in xenograft model mice by programmed cell death 4 gene delivery using folate-PEG-baculovirus. <i>Cancer Gene Therapy</i> , 2010, 17, 751-760.	4.6	15

#	ARTICLE	IF	CITATIONS
181	Low Dietary Inorganic Phosphate Stimulates Lung Tumorigenesis Through Altering Protein Translation and Cell Cycle in K-ras ^{LA1} Mice. <i>Nutrition and Cancer</i> , 2010, 62, 525-532.	2.0	15
182	Lentiviral Vector-Mediated shRNA against AIMP2-DX2 Suppresses Lung Cancer Cell Growth through Blocking Glucose Uptake. <i>Molecules and Cells</i> , 2012, 33, 553-562.	2.6	15
183	Co-delivery of LETM1 and CTMP synergistically inhibits tumor growth in H-ras12V liver cancer model mice. <i>Cancer Gene Therapy</i> , 2013, 20, 186-194.	4.6	15
184	The O-glycosylation mutant osteopontin alters lung cancer cell growth and migration in vitro and in vivo. <i>International Journal of Molecular Medicine</i> , 2013, 32, 1137-1149.	4.0	15
185	Restoration of mutant K-Ras repressed miR-199b inhibits K-Ras mutant non-small cell lung cancer progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 165.	8.6	15
186	Biochemical Factors Important in Clara Cell Selective Toxicity in the Lung. <i>Drug Metabolism Reviews</i> , 1995, 27, 369-386.	3.6	14
187	Repeated Aerosol Delivery of Carboxyl-terminal Modulator Protein Suppresses Tumor in the Lungs of K-ras ^{LA1} Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1131-1140.	5.6	14
188	Aerosol delivery of beclin1 enhanced the anti-tumor effect of radiation in the lungs of K-ras ^{LA1} mice. <i>Journal of Radiation Research</i> , 2012, 53, 506-515.	1.6	14
189	Aerosol delivery of lentivirus-mediated O-glycosylation mutant osteopontin suppresses lung tumorigenesis in K-ras ^{LA1} mice. <i>Cellular Oncology (Dordrecht)</i> , 2013, 36, 15-26.	4.4	14
190	Comparison of International Guidelines of Dermal Absorption Tests Used in Pesticides Exposure Assessment for Operators. <i>Toxicological Research</i> , 2014, 30, 251-260.	2.1	14
191	Combined treatment with 4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone and dibutyl phthalate enhances ozone-induced genotoxicity in B6C3F1 mice. <i>Mutagenesis</i> , 2002, 17, 331-336.	2.6	13
192	Galactosylation of Chitosan-Graft-Spermine as a Gene Carrier for Hepatocyte Targeting In Vitro and In Vivo. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5178-5184.	0.9	13
193	Lentivirus-AIMP2-DX2 shRNA Suppresses Cell Proliferation by Regulating Akt1 Signaling Pathway in the Lungs of AIMP2+/Δ Mice. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2013, 26, 165-173.	1.4	13
194	Gemigliptin, a novel dipeptidyl peptidase-4 inhibitor, exhibits potent anti-glycation properties in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2014, 744, 98-102.	3.5	13
195	Sheet-type titania, but not P25, induced paraptosis accompanying apoptosis in murine alveolar macrophage cells. <i>Toxicology Letters</i> , 2014, 230, 69-79.	0.8	13
196	Saururus chinensis Baill induces apoptosis through endoplasmic reticulum stress in HepG2 hepatocellular carcinoma cells. <i>Food and Chemical Toxicology</i> , 2015, 83, 183-192.	3.6	13
197	Oxidative Stress Induced by Cigarette Smoke Extracts in Human Brain Cells (T98G) and Human Brain Microvascular Endothelial Cells (HBMEC) in Mono- and Co-Culture. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1019-1027.	2.3	13
198	Intratracheal exposure to multi-walled carbon nanotubes induces a nonalcoholic steatohepatitis-like phenotype in C57BL/6J mice. <i>Nanotoxicology</i> , 2015, 9, 613-623.	3.0	13

#	ARTICLE	IF	CITATIONS
199	High Inorganic Phosphate Intake Promotes Tumorigenesis at Early Stages in a Mouse Model of Lung Cancer. <i>PLoS ONE</i> , 2015, 10, e0135582.	2.5	13
200	Towards a Strategic Approaches in Alternative Tests for Pesticide Safety. <i>Toxicological Research</i> , 2014, 30, 159-168.	2.1	13
201	The Simplest Flowchart Stating the Mechanisms for Organic Xenobiotics-induced Toxicity: Can it Possibly be Accepted as a "Central Dogma" for Toxic Mechanisms?. <i>Toxicological Research</i> , 2014, 30, 179-184.	2.1	13
202	Effect of Chelators and Reductants on the Mobilization of Metals from Ambient Particulate Matter. <i>Environmental Science & Technology</i> , 2003, 37, 3531-3536.	10.0	12
203	Glucosylated polyethylenimine as a tumor-targeting gene carrier. <i>Archives of Pharmacal Research</i> , 2005, 28, 1302-1310.	6.3	12
204	High dietary inorganic phosphate enhances cap-dependent protein translation, cell-cycle progression, and angiogenesis in the livers of young mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G654-G663.	3.4	12
205	Paclitaxel stimulates chromosomal fusion and instability in cells with dysfunctional telomeres: Implication in multinucleation and chemosensitization. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 615-621.	2.1	12
206	Suppression of tumor growth in xenograft model mice by small interfering RNA targeting osteopontin delivery using biocompatible poly(amino ester). <i>International Journal of Pharmaceutics</i> , 2012, 431, 197-203.	5.2	12
207	Aerosol delivery of eukaryotic translation initiation factor 4E-binding protein 1 effectively suppresses lung tumorigenesis in K-rasLA1 mice. <i>Cancer Gene Therapy</i> , 2013, 20, 331-335.	4.6	12
208	Galactosylated Poly(Ethylene glycol)-Lithocholic Acid Selectively Kills Hepatoma Cells, While Sparing Normal Liver Cells. <i>Macromolecular Bioscience</i> , 2015, 15, 777-787.	4.1	12
209	Statistical analysis of in vivo rodent micronucleus assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 469, 233-241.	1.7	11
210	Role of corticosterone in ethyl carbamate-induced immunosuppression in female BALB/c mice. <i>Toxicology Letters</i> , 2001, 119, 173-181.	0.8	11
211	Apoptosis and Apoptosis-Based Therapy in Lung Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 952-957.	1.7	11
212	Decreased Level of PDCD4 (Programmed Cell Death 4) Protein Activated Cell Proliferation in the Lung of A/J Mouse. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010, 23, 285-293.	1.4	11
213	Impact of commercial cigarette smoke condensate on brain tissue co-cultured with astrocytes and blood-brain barrier endothelial cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 533-541.	2.3	11
214	Cell cycle was disturbed in the MNNG-induced initiation stage during in vitro two-stage transformation of Balb/3T3 cells. <i>Toxicology</i> , 2001, 163, 175-184.	4.2	10
215	Degradable polyethylenimines as gene carriers. <i>Materials Science and Technology</i> , 2008, 24, 1118-1126.	1.6	10
216	Suppression of A549 lung cancer cell migration by precursor let-7g microRNA. <i>Molecular Medicine Reports</i> , 2010, 3, 1007-13.	2.4	10

#	ARTICLE	IF	CITATIONS
217	Biodegradable Nano-Polymeric System for Efficient Akt1 siRNA Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3366-3369.	0.9	10
218	Aerosol delivery of kinase-deficient Akt1 attenuates Clara cell injury induced by naphthalene in the lungs of dual luciferase mice. <i>Journal of Veterinary Science</i> , 2011, 12, 309.	1.3	9
219	Time-dependent bioaccumulation of distinct rod-type TiO ₂ nanoparticles: Comparison by crystalline phase. <i>Journal of Applied Toxicology</i> , 2014, 34, 1265-1270.	2.8	9
220	Physicochemical Determinants of Multiwalled Carbon Nanotubes on Cellular Toxicity: Influence of a Synthetic Method and Post-treatment. <i>Chemical Research in Toxicology</i> , 2014, 27, 290-303.	3.3	9
221	Highly efficient gene transfection by a hyperosmotic polymannitol based gene transporter through regulation of caveolae and COX-2 induced endocytosis. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2666.	5.8	9
222	Hepatic differentiation of human adipose tissue-derived mesenchymal stem cells and adverse effects of arsanilic acid and acetaminophen during in vitro hepatic developmental stage. <i>Cell Biology and Toxicology</i> , 2015, 31, 149-159.	5.3	9
223	Aerosol delivery of folate-decorated hyperbranched polyspermine complexes to suppress lung tumorigenesis via Akt signaling pathway. <i>International Journal of Pharmaceutics</i> , 2016, 513, 591-601.	5.2	9
224	Antioxidative effects of 7-hydroxy-3-methoxy-cadalene extracted from <i>Zelkova serrata</i> on 4-(methyl nitros amino)-1-(3-pyridyl)-1-butanone-induced oxidative stress in A/J mice. <i>Phytotherapy Research</i> , 2004, 18, 425-427.	5.8	8
225	Polymeric Nanoparticles of Chitosan Derivatives as DNA and siRNA Carriers. <i>Advances in Polymer Science</i> , 2011, , 1-21.	0.8	8
226	Targeted Gene Delivery via N-Acetylglucosamine Receptor Mediated Endocytosis. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8356-8364.	0.9	8
227	Enhancement of cancer specific delivery using ultrasound active bio-originated particles. <i>Chemical Communications</i> , 2015, 51, 9455-9458.	4.1	8
228	Benomyl-induced effects of ORM DL3 overexpression via oxidative stress in human bronchial epithelial cells. <i>Food and Chemical Toxicology</i> , 2016, 98, 100-106.	3.6	8
229	In Situ Single Cell Monitoring by Isocyanide-Functionalized Ag and Au Nanoprobe-Based Raman Spectroscopy. <i>Journal of Microbiology and Biotechnology</i> , 2009, 19, 904-910.	2.1	8
230	Enzyme-linked Immunosorbent Assay for Screening the Plasma Residues of Tetracycline Antibiotics in Pigs. <i>Journal of Veterinary Medical Science</i> , 2001, 63, 553-556.	0.9	7
231	TERT mRNA expression is Up-regulated in MCF-7 cells and a mouse mammary organ culture (MMOC) system by endosulfan treatment. <i>Archives of Pharmacal Research</i> , 2005, 28, 351-357.	6.3	7
232	Diffusion flame-derived fine particulate matters doped with iron caused genotoxicity in B6C3F1 mice. <i>Toxicology and Industrial Health</i> , 2005, 21, 57-65.	1.4	7
233	Low dietary inorganic phosphate affects the lung growth of developing mice. <i>Journal of Veterinary Science</i> , 2009, 10, 105.	1.3	7
234	Integrated Analysis of Prognostic Gene Expression Profiles from Hepatitis B Virus-Positive Hepatocellular Carcinoma and Adjacent Liver Tissue. <i>Annals of Surgical Oncology</i> , 2012, 19, 328-338.	1.5	7

#	ARTICLE	IF	CITATIONS
235	Therapeutic Effect of <i>Broussonetia papyrifera</i> and <i>Lonicera japonica</i> in Ovalbumin-induced Murine Asthma Model. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.5	7
236	Recurrence-associated pathways in hepatitis B virus-positive hepatocellular carcinoma. <i>BMC Genomics</i> , 2015, 16, 279.	2.8	7
237	A high affinity kidney targeting by chitobionic acid-conjugated polysorbitol gene transporter alleviates unilateral ureteral obstruction in rats. <i>Biomaterials</i> , 2016, 102, 43-57.	11.4	7
238	The Effects of <i>Gymnema sylvestre</i> in High-Fat Diet-Induced Metabolic Disorders. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 813-832.	3.8	7
239	Dual expression of shAkt1 and Pcd4 suppresses lung tumorigenesis in K-rasLA1 mice. <i>Anticancer Research</i> , 2015, 35, 2015-9.	1.1	7
240	Emerging role of LETM1/GRP78 axis in lung cancer. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	7
241	DEGRADABLE POLYETHYLENIMINE DERIVATIVES AS GENE CARRIERS. <i>Nano LIFE</i> , 2012, 02, 1230004.	0.9	6
242	Quantitative determination of 12-hydroxyeicosatetraenoic acids by chiral liquid chromatography tandem mass spectrometry in a murine atopic dermatitis model. <i>Journal of Veterinary Science</i> , 2015, 16, 307.	1.3	6
243	Physicochemical analysis and repeated-dose 90-days oral toxicity study of nanocalcium carbonate in Sprague-Dawley rats. <i>Nanotoxicology</i> , 2015, 9, 603-612.	3.0	6
244	Trifloxystrobin induces tumor necrosis factor-related apoptosis-inducing ligand (TRAIL)-mediated apoptosis in HaCaT, human keratinocyte cells. <i>Drug and Chemical Toxicology</i> , 2017, 40, 67-73.	2.3	6
245	Suppression of Tobacco Carcinogen-Induced Lung Tumorigenesis by Aerosol-Delivered Glycerol Propoxylate Triacrylate-Spermine Copolymer/Short Hairpin Rab25 RNA Complexes in Female A/J Mice. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2017, 30, 81-90.	1.4	6
246	FCHO1560 ^Δ 571 peptide, a PKB kinase motif, inhibits tumor progression. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 478-484.	2.1	6
247	Knockdown of Importin 7 Inhibits Lung Tumorigenesis in K-rasLA1 Lung Cancer Mice. <i>Anticancer Research</i> , 2017, 37, 2181-2386.	1.1	6
248	Therapeutic effect of <i>Broussonetia papyrifera</i> and <i>Lonicera japonica</i> in ovalbumin-induced murine asthma model. <i>Natural Product Communications</i> , 2013, 8, 1609-14.	0.5	6
249	Interrelationship of apoptosis, mutation, and cell proliferation in N-methyl-N ^ε -nitro-N-nitrosoguanidine (MNNG)-induced medaka carcinogenesis model. <i>Aquatic Toxicology</i> , 2000, 50, 317-329.	4.0	5
250	The statistical analysis of the in vitro chromosome aberration assay using Chinese hamster ovary cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 469, 243-252.	1.7	5
251	Low Expression of Cyclin D2 in G2/M-Arrested and Transformed Proliferating Balb/3T3 Cells.. <i>Journal of Veterinary Medical Science</i> , 2002, 64, 201-205.	0.9	5
252	Immobilization of Aptamer-Based Molecular Beacons Onto Optically-Encoded Micro-Sized Beads. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6249-6252.	0.9	5

#	ARTICLE	IF	CITATIONS
253	Exposure to cigarette smoke disturbs adipokines secretion causing intercellular damage and insulin resistance in high fructose diet-induced metabolic disorder mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 648-655.	2.1	5
254	p31comet-Induced Cell Death Is Mediated by Binding and Inactivation of Mad2. <i>PLoS ONE</i> , 2015, 10, e0141523.	2.5	5
255	Anti-ulcer Actions of Phytosphingosine Hydrochloride in Different Experimental Rat Ulcer Models. <i>Arzneimittelforschung</i> , 2005, 55, 461-465.	0.4	4
256	Effects of 7- β -hydroxy- β -methoxycadalene on cell cycle, apoptosis and protein translation in A549 lung cancer cells. <i>BioFactors</i> , 2007, 29, 67-75.	5.4	4
257	Comparison of Lung Asbestos Fiber Content in Cancer Subjects with Healthy Individuals with no Known History of Occupational Asbestos Exposure in Korea. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1292-1295.	2.3	4
258	Screening for Penicillin Plasma Residues in Cattle by Enzyme-Linked Immunosorbent Assay. <i>Acta Veterinaria Brno</i> , 2001, 70, 353-358.	0.5	4
259	Four-week inhalation toxicity, mutagenicity and immunotoxicity studies of Keum-Yeon-Cho (NosmoQ), tobacco substitute composition, in mice. <i>Environmental Toxicology and Pharmacology</i> , 2003, 13, 37-46.	4.0	3
260	Serum immunoglobulin fused interferon- γ inhibited tumor growth in athymic mice bearing colon 26 adenocarcinoma cells. <i>Journal of Veterinary Science</i> , 2008, 9, 45.	1.3	3
261	Structure activity relationship for poly(ester amine)s as gene carriers. <i>Materials Technology</i> , 2010, 25, 196-204.	3.0	3
262	Mitomycin C and doxorubicin elicit conflicting signals by causing accumulation of cyclin E prior to p21WAF1/CIP1 elevation in human hepatocellular carcinoma cells. <i>International Journal of Oncology</i> , 2012, 40, 277-86.	3.3	3
263	Cells with dysfunctional telomeres are susceptible to reactive oxygen species hydrogen peroxide via generation of multichromosomal fusions and chromosomal fragments bearing telomeres. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 204-210.	2.1	3
264	N-acetylglucosamine-conjugated block copolymer consisting of poly(ethylene oxide) and cationic polyaspartamide as a gene carrier for targeting vimentin-expressing cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 165-172.	4.0	3
265	Corrigendum to "Target-specific near-IR induced drug release and photothermal therapy with accumulated Au/Ag hollow nanoshells on pulmonary cancer cell membranes" [<i>Biomaterials</i> 45 (2015) 81-92]. <i>Biomaterials</i> , 2015, 65, 124-125.	11.4	3
266	Population genetic study of 10 short tandem repeat loci from 600 domestic dogs in Korea. <i>Journal of Veterinary Science</i> , 2016, 17, 391.	1.3	3
267	Gene Expression and Pulmonary Toxicity of Chitosan-graft- Polyethylenimine as Aerosol Gene Carrier. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 281-6.	0.5	3
268	Efficient gene transfection to lung cancer cells via Folate-PEI-Sorbitol gene transporter. <i>PLoS ONE</i> , 2022, 17, e0266181.	2.5	3
269	Detection of Methylation Damage in DNA of Gastric Cancer Tissues Using ^{32}P -Postlabelling Assay. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 1104-1108.	1.7	2
270	General Pharmacology Studies on Δ -Domain Deleted Recombinant Factor VIII. <i>Arzneimittelforschung</i> , 2000, 50, 86-92.	0.4	2

#	ARTICLE	IF	CITATIONS
271	Receptor-Mediated Gene Delivery Using Chitosan Derivatives in Vitro and in Vivo. Macromolecular Symposia, 2007, 249-250, 137-144.	0.7	2
272	Inhalation Toxicity of Particulate Matters Doped with Arsenic Induced Genotoxicity and Altered Akt Signaling Pathway in Lungs of Mice. Toxicological Research, 2010, 26, 261-266.	2.1	2
273	Clonal cell populations unresponsive to radiosensitization induced by telomerase inhibition. Biochemical and Biophysical Research Communications, 2010, 402, 198-202.	2.1	2
274	Carboxyl-terminal modulator protein induces apoptosis by regulating mitochondrial function in lung cancer cells. International Journal of Oncology, 2011, 40, 1515-24.	3.3	2
275	Poly(ester amine) Synthesized from Trimethylolpropane Triacrylate and Spermine as an Efficient siRNA Carrier. Journal of Nanoscience and Nanotechnology, 2013, 13, 5692-5697.	0.9	2
276	Poly(amino ester)s-Based Polymeric Gene Carriers in Cancer Gene Therapy. , 0, , .		2
277	Degradable poly(ester amine) based on poly(ethylene glycol) dimethacrylate and polyethylenimine as a gene carrier. Journal of Applied Polymer Science, 2010, 115, 1189-1198.	2.6	1
278	Medical Polymer-Based Gene Therapy. , 2011, , .		1
279	Ascidian Tunicate Extracts Attenuate Rheumatoid Arthritis in a Collagen-induced Murine Model. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	1
280	FCH domain only 1 (FCHo1), a potential new biomarker for lung cancer. Cancer Gene Therapy, 2021, , .	4.6	1
281	Nanoparticles: Effects on Human Health and the Environment. , 2007, , 221-233.		0
282	Application of Nanotechnology into Life Science: Benefit or Risk. , 0, , 491-501.		0
283	Chitosan and Chitosan Derivatives as DNA and siRNA Carriers. , 2010, , 377-390.		0
284	Disruptive effects of flumequine on pituitary-thyroid hormonal system in pubertal male rats exposed orally for six weeks. Toxicology Letters, 2014, 229, S180.	0.8	0
285	Cellular inactivation of nitric oxide induces p53-dependent apoptosis in human melanoma cells. Tropical Journal of Pharmaceutical Research, 2016, 15, 1595.	0.3	0
286	Polyethyleneimines, Degradable: Gene Carrier Design. , 2016, , 6299-6311.		0
287	Inhaled exposure to air fresheners aggravated liver injury in a murine model of nonalcoholic fatty acid liver disease. Heliyon, 2021, 7, e06452.	3.2	0