Jung-Taek Kwon

List of Publications by Year
in descending order

50 papers	1,870 citations	331538 21 h-index	302012 39 g-index
50 all docs	50 docs citations	50 times ranked	2967 citing authors

#	Article	IF	Citations
1	Small-molecule activation of procaspase-3 to caspase-3 as a personalized anticancer strategy. , 2006, 2, 543-550.		300
2	Body Distribution of Inhaled Fluorescent Magnetic Nanoparticles in the Mice. Journal of Occupational Health, 2008, 50, 1-6.	1.0	151
3	Galactosylated poly(ethylene glycol)-chitosan-graft-polyethylenimine as a gene carrier for hepatocyte-targeting. Journal of Controlled Release, 2008, 131, 150-157.	4.8	148
4	Galactosylated chitosan-graft-polyethylenimine as a gene carrier for hepatocyte targeting. Gene Therapy, 2007, 14, 1389-1398.	2.3	126
5	Multiplex Targeting, Tracking, and Imaging of Apoptosis by Fluorescent Surface Enhanced Raman Spectroscopic Dots. Bioconjugate Chemistry, 2007, 18, 1155-1162.	1.8	85
6	Exposure to zinc oxide nanoparticles affects reproductive development and biodistribution in offspring rats. Journal of Toxicological Sciences, 2013, 38, 525-530.	0.7	85
7	Genomics-based screening of differentially expressed genes in the brains of mice exposed to silver nanoparticles via inhalation. Journal of Nanoparticle Research, 2010, 12, 1567-1578.	0.8	74
8	Development and in vivo imaging of a PET/MRI nanoprobe with enhanced NIR fluorescence by dye encapsulation. Nanomedicine, 2012, 7, 219-229.	1.7	53
9	Urocanic acid-modified chitosan-mediated PTEN delivery via aerosol suppressed lung tumorigenesis in K-rasLA1 mice. Cancer Gene Therapy, 2008, 15, 275-283.	2.2	52
10	Synergistic effect of ERK inhibition on tetrandrine-induced apoptosis in A549 human lung carcinoma cells. Journal of Veterinary Science, 2009, 10, 23.	0.5	52
11	Chitosan-graft-spermine as a gene carrier in vitro and in vivo. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 36-42.	2.0	50
12	Toxicity and Clearance of Intratracheally Administered Multiwalled Carbon Nanotubes from Murine Lung. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1530-1543.	1.1	46
13	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. Gene Therapy, 2007, 14, 1353-1361.	2.3	38
14	Lentivirus-mediated carboxyl-terminal modulator protein gene transfection via aerosol in lungs of K-ras null mice. Gene Therapy, 2007, 14, 1721-1730.	2.3	36
15	Spatialâ€“Temporal Dispersion of Aerosolized Nanoparticles During the Use of Consumer Spray Products and Estimates of Inhalation Exposure. Environmental Science & Technology, 2017, 51, 7624-7638.	4.6	36
16	Aluminum Nanoparticles Induce ERK and p38MAPK Activation in Rat Brain. Toxicological Research, 2013, 29, 181-185.	1.1	35
17	Inhaled Fluorescent Magnetic Nanoparticles Induced Extramedullary Hematopoiesis in the Spleen of Mice. Journal of Occupational Health, 2009, 51, 423-431.	1.0	33
18	Developmental toxicity of intravenously injected zinc oxide nanoparticles in rats. Archives of Pharmacal Research, 2016, 39, 1682-1692.	2.7	30

#	Article	IF	Citations
19	Acute Pulmonary Toxicity and Body Distribution of Inhaled Metallic Silver Nanoparticles. Toxicological Research, 2012, 28, 25-31.	1.1	30
20	Evaluation of pulmonary toxicity of benzalkonium chloride and triethylene glycol mixtures using in vitro and in vivo systems. Environmental Toxicology, 2019, 34, 561-572.	2.1	27
21	Aerosol Delivery of Small Hairpin Osteopontin Blocks Pulmonary Metastasis of Breast Cancer in Mice. PLoS ONE, 2010, 5, e15623.	1.1	23
22	Fabrication of a Novel Core-Shell Gene Delivery System Based on a Brush-Like Polycation of Î±, Î²â€“Poly (L-Aspartate-Graft-PEI). Pharmaceutical Research, 2009, 26, 2152-2163.	1.7	22
23	Aerosol delivery of Akt controls protein translation in the lungs of dual luciferase reporter mice. Gene Therapy, 2007, 14, 451-458.	2.3	21
24	Pulmonary toxicity screening of triclosan in rats after intratracheal instillation. Journal of Toxicological Sciences, 2013, 38, 471-475.	0.7	20
25	Enhanced efficacy of 7-hydroxy-3-methoxycadalene via glycosylation in in vivo xenograft study. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6335-6339.	1.0	19
26	Evaluation of toxicity to triclosan in rats following 28 days of exposure to aerosol inhalation. Regulatory Toxicology and Pharmacology, 2015, 71, 259-268.	1.3	19
27	Environmental exposure to cadmium and risk of thyroid cancer from national industrial complex areas: A population-based cohort study. Chemosphere, 2021, 268, 128819.	4.2	19
28	Ethylene glycol potentiated didecyldimethylammonium chloride toxicity in human bronchial epithelial cells. Molecular and Cellular Toxicology, 2015, 11, 161-166.	0.8	18
29	Accumulation of Microcystin (LR, RR and YR) in Three Freshwater Bivalves in Microcystis aeruginosa Bloom Using Dual Isotope Tracer. Marine Drugs, 2017, 15, 226.	2.2	17
30	Toluene concentrations in the blood and risk of thyroid cancer among residents living near national industrial complexes in South Korea: A population-based cohort study. Environment International, 2021, 146, 106304.	4.8	17
31	Kidney-Specific Peptide-Conjugated Poly(ester amine) for the Treatment of Kidney Fibrosis. Journal of Nanoscience and Nanotechnology, 2012, 12, 5149-5154.	0.9	16
32	Inhalation toxicity of benzalkonium chloride and triethylene glycol mixture in rats. Toxicology and Applied Pharmacology, 2019, 378, 114609.	1.3	16
33	Low dietary inorganic phosphate affects the brain by controlling apoptosis, cell cycle and protein translation. Journal of Nutritional Biochemistry, 2008, 19, 16-25.	1.9	15
34	Suppression of tumor growth in xenograft model mice by programmed cell death 4 gene delivery using folate-PEG-baculovirus. Cancer Gene Therapy, 2010, 17, 751-760.	2.2	15
35	Lentiviral Vector-Mediated shRNA against AIMP2-DX2 Suppresses Lung Cancer Cell Growth through Blocking Glucose Uptake. Molecules and Cells, 2012, 33, 553-562.	1.0	15
36	Didecyldimethylammonium chloride induces oxidative stress and inhibits cell growth in lung epithelial cells. Molecular and Cellular Toxicology, 2014, 10, 41-45.	0.8	15

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37	Aerosol delivery of lentivirus-mediated O-glycosylation mutant osteopontin suppresses lung tumorigenesis in K-ras LA1 mice. Cellular Oncology (Dordrecht), 2013, 36, 15-26.	2.1	14
38	Acute pulmonary toxicity and inflammation induced by combined exposure to didecyldimethylammonium chloride and ethylene glycol in rats. Journal of Toxicological Sciences, 2016, 41, 17-24.	0.7	12
39	Concentration- and Time-Dependent Effects of Benzalkonium Chloride in Human Lung Epithelial Cells: Necrosis, Apoptosis, or Epithelial Mesenchymal Transition. Toxics, 2020, 8, 17.	1.6	12
40	Aerosol delivery of kinase-deficient Akt1 attenuates Clara cell injury induced by naphthalene in the lungs of dual luciferase mice. Journal of Veterinary Science, 2011, 12, 309.	0.5	9
41	Inhalation exposure to chloramine T induces DNA damage and inflammation in lung of Sprague-Dawley rats. Journal of Toxicological Sciences, 2013, 38, 937-946.	0.7	9
42	Pulmonary Toxicity Assessment of Aluminum Oxide Nanoparticles via Nasal Instillation Exposure. Korean Journal of Environmental Health Sciences, 2013, 39, 48-55.	0.1	8
43	Low dietary inorganic phosphate affects the lung growth of developing mice. Journal of Veterinary Science, 2009, 10, 105.	0.5	7
44	BIO-CONTROL OF MICROCYSTIS AERUGINOSA BLOOM USING VARIOUS AQUATIC ORGANISMS BY DUAL STABLE ISOTOPE (13C AND 15N) TRACERS. Applied Ecology and Environmental Research, 2018, 16, 931-953.	0.2	7
45	Evaluation of comparative cytotoxicity of spray-type chemicals used in household products. Molecular and Cellular Toxicology, 2013, 9, 51-56.	0.8	6
46	Cytotoxic Effects of Air Freshener Biocides in Lung Epithelial Cells. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	4
47	Gene Expression and Pulmonary Toxicity of Chitosan-graft- Polyethylenimine as Aerosol Gene Carrier. Iranian Journal of Pharmaceutical Research, 2013, 12, 281-6.	0.3	3
48	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.	1.1	2
49	EVALUATION OF RECOVERY FROM ACUTE LUNG INJURY INDUCED BY INTRATRACHEAL INSTILLATION OF ZINC OXIDE NANOPARTICLES. Applied Ecology and Environmental Research, 2018, 16, 3145-3157.	0.2	2
50	Evaluation of particle growth systems for sampling and analysis of atmospheric fine particles. Particuology, 2011, 9, 606-610.	2.0	1