

# Ji-Eun Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,657  
citations

304368

22  
h-index

288905

40  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide nanoparticle induced autophagic cell death and mitochondrial damage via reactive oxygen species generation. <i>Toxicology in Vitro</i> , 2013, 27, 1187-1195.	1.1	222
2	Magnetic nanoparticles: an update of application for drug delivery and possible toxic effects. <i>Archives of Toxicology</i> , 2012, 86, 685-700.	1.9	159
3	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.	2.5	97
4	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.	0.8	74
5	Single cell and genetic analyses reveal conserved populations and signaling mechanisms of gastrointestinal stromal niches. <i>Nature Communications</i> , 2020, 11, 334.	5.8	73
6	Chlorpyrifos induces NLRP3 inflammasome and pyroptosis/apoptosis via mitochondrial oxidative stress in human keratinocyte HaCaT cells. <i>Toxicology</i> , 2015, 338, 37-46.	2.0	71
7	GOLGA2/GM130, cis-Golgi Matrix Protein, is a Novel Target of Anticancer Gene Therapy. <i>Molecular Therapy</i> , 2012, 20, 2052-2063.	3.7	62
8	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.	5.7	58
9	Inhalation of titanium dioxide induces endoplasmic reticulum stress-mediated autophagy and inflammation in mice. <i>Food and Chemical Toxicology</i> , 2015, 85, 106-113.	1.8	53
10	Chitosan-graft-spermine as a gene carrier in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 36-42.	2.0	50
11	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.	1.1	46
12	Beclin1-induced Autophagy Abrogates Radioresistance of Lung Cancer Cells by Suppressing Osteopontin. <i>Journal of Radiation Research</i> , 2012, 53, 422-432.	0.8	44
13	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.	5.7	42
14	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.	2.0	38
15	Knockdown of the Sodium-Dependent Phosphate Co-Transporter 2b (NPT2b) Suppresses Lung Tumorigenesis. <i>PLoS ONE</i> , 2013, 8, e77121.	1.1	37
16	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.	1.0	37
17	Inhaled Fluorescent Magnetic Nanoparticles Induced Extramedullary Hematopoiesis in the Spleen of Mice. <i>Journal of Occupational Health</i> , 2009, 51, 423-431.	1.0	33
18	Akt1 silencing efficiencies in lung cancer cells by sh/si/ssiRNA transfection using a reductable polyspermine carrier. <i>Biomaterials</i> , 2009, 30, 1635-1647.	5.7	33

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19	Acute Pulmonary Toxicity and Body Distribution of Inhaled Metallic Silver Nanoparticles. <i>Toxicological Research</i> , 2012, 28, 25-31.	1.1	30
20	Roles of protein kinase B Akt in lung cancer. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1472-1484.	0.9	27
21	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.	1.1	27
22	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.	0.8	26
23	Ephedrine-induced mitophagy via oxidative stress in human hepatic stellate cells. <i>Journal of Toxicological Sciences</i> , 2017, 42, 461-473.	0.7	23
24	Aerosol Delivery of Small Hairpin Osteopontin Blocks Pulmonary Metastasis of Breast Cancer in Mice. <i>PLoS ONE</i> , 2010, 5, e15623.	1.1	23
25	Suppression of lung cancer progression by biocompatible glycerol triacrylate&ndash; spermine-mediated delivery of shAkt1. <i>International Journal of Nanomedicine</i> , 2012, 7, 2293.	3.3	21
26	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.	5.7	18
27	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.	0.4	16
28	Uncovering the dosage-dependent roles of <i>Arid1a</i> in gastric tumorigenesis for combinatorial drug therapy. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	16
29	Aerosol delivery of beclin1 enhanced the anti-tumor effect of radiation in the lungs of K-rasLA1 mice. <i>Journal of Radiation Research</i> , 2012, 53, 506-515.	0.8	14
30	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.	2.1	14
31	Trifloxystrobin-induced mitophagy through mitochondrial damage in human skin keratinocytes. <i>Journal of Toxicological Sciences</i> , 2016, 41, 731-737.	0.7	14
32	<i>Saururus chinensis</i> Baill induces apoptosis through endoplasmic reticulum stress in HepG2 hepatocellular carcinoma cells. <i>Food and Chemical Toxicology</i> , 2015, 83, 183-192.	1.8	13
33	Intratracheal exposure to multi-walled carbon nanotubes induces a nonalcoholic steatohepatitis-like phenotype in C57BL/6J mice. <i>Nanotoxicology</i> , 2015, 9, 613-623.	1.6	13
34	High Inorganic Phosphate Intake Promotes Tumorigenesis at Early Stages in a Mouse Model of Lung Cancer. <i>PLoS ONE</i> , 2015, 10, e0135582.	1.1	13
35	Towards a Strategic Approaches in Alternative Tests for Pesticide Safety. <i>Toxicological Research</i> , 2014, 30, 159-168.	1.1	13
36	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.	1.6	12

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37	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.	2.6	12
38	Mesenchymal Niches for Digestive Organ Development, Homeostasis, and Disease. <i>Trends in Cell Biology</i> , 2021, 31, 152-165.	3.6	11
39	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.	0.5	9
40	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.	1.7	9
41	Benomyl-induced effects of ORMDL3 overexpression via oxidative stress in human bronchial epithelial cells. <i>Food and Chemical Toxicology</i> , 2016, 98, 100-106.	1.8	8
42	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.	0.2	7
43	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.	5.7	7
44	Extracellular Vesicle Proteomes Shed Light on the Evolutionary, Interactive, and Functional Divergence of Their Biogenesis Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 734950.	1.8	7
45	Dual expression of shAkt1 and Pdcd4 suppresses lung tumorigenesis in K-rasLA1 mice. <i>Anticancer Research</i> , 2015, 35, 2015-9.	0.5	7
46	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.	1.2	6
47	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
48	Carboxyl-terminal modulator protein induces apoptosis by regulating mitochondrial function in lung cancer cells. <i>International Journal of Oncology</i> , 2011, 40, 1515-24.	1.4	2
49	28-Day Oral Toxicity of Cadmium Selenide in Sprague-Dawley Rats. <i>Toxicological Research</i> , 2009, 25, 140-146.	1.1	2
50	Animal Models of Congenital Gastrointestinal Maladies. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1236, 87-107.	0.8	0