Sang Hoon Jeong

List of Publications by Year
in descending order

30 papers	601 citations	759233 12 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	1047 citing authors

#	Article	IF	Citations
1	Effect of the size and surface charge of silica nanoparticles on cutaneous toxicity. Molecular and Cellular Toxicology, 2013, 9, 67-74.	1.7	87
2	ZnO nanoparticles induce TNF-α expression via ROS-ERK-Egr-1 pathway in human keratinocytes. Journal of Dermatological Science, 2013, 72, 263-273.	1.9	65
3	IL-33 down-regulates CLDN1 expression through the ERK/STAT3 pathway in keratinocytes. Journal of Dermatological Science, 2018, 90, 313-322.	1.9	63
4	Up‐regulation of TNF‐alpha secretion by cigarette smoke is mediated by Egr‐1 in HaCaT human keratinocytes. Experimental Dermatology, 2010, 19, e206-12.	2.9	62
5	Assessment of penetration of quantum dots through in vitro and in vivo human skin using the human skin equivalent model and the tape stripping method. Biochemical and Biophysical Research Communications, 2010, 394, 612-615.	2.1	56
6	Thymic stromal lymphopoietin downregulates filaggrin expression by signal transducer and activator of transcription 3 (STAT3) and extracellular signal-regulated kinase (ERK) phosphorylation in keratinocytes. Journal of Allergy and Clinical Immunology, 2015, 136, 205-208.e9.	2.9	52
7	The potential for skin irritation, phototoxicity, and sensitization of ZnO nanoparticles. Molecular and Cellular Toxicology, 2012, 8, 171-177.	1.7	22
8	Egr‐1 is a key regulator of <scp>IL</scp>‐17A‐induced psoriasin upregulation in psoriasis. Experimental Dermatology, 2014, 23, 890-895.	2.9	20
9	HIF‐1α‐mediated BMP6 down‐regulation leads to hyperproliferation and abnormal differentiation of keratinocytes in vitro. Experimental Dermatology, 2018, 27, 1287-1293.	2.9	20
10	ZnO nanoparticle induces apoptosis by ROS triggered mitochondrial pathway in human keratinocytes. Molecular and Cellular Toxicology, 2014, 10, 387-391.	1.7	19
11	Intracellular <scp>ROS</scp> levels determine the apoptotic potential of keratinocyte by Quantum Dot via blockade of <scp>AKT</scp> Phosphorylation. Experimental Dermatology, 2017, 26, 1046-1052.	2.9	15
12	Oxidative stress and apoptosis induced by ZnO nanoparticles in HaCaT cells. Molecular and Cellular Toxicology, 2011, 7, 333-337.	1.7	13
13	A safety assessment of phototoxicity and sensitization of SiO2 nanoparticles. Molecular and Cellular Toxicology, 2011, 7, 171-176.	1.7	12
14	RIP4 upregulates CCL20 expression through STAT3 signalling in cultured keratinocytes. Experimental Dermatology, 2018, 27, 1126-1133.	2.9	12
15	Evaluation of polyhexamethylene guanidine-induced lung injuries by chest CT, pathologic examination, and RNA sequencing in a rat model. Scientific Reports, 2021, 11, 6318.	3.3	11
16	Zinc oxide nanoparticles induce HIF-1α protein stabilization through increased reactive oxygen species generation from electron transfer chain complex III of mitochondria. Journal of Dermatological Science, 2018, 91, 104-107.	1.9	10
17	Pulmonary fibrosis model using micro-CT analyzable human PSC‐derived alveolar organoids containing alveolar macrophage-like cells. Cell Biology and Toxicology, 2022, 38, 557-575.	5.3	9
18	Skin absorption potential of ZnO nanoparticles. Toxicology and Environmental Health Sciences, 2011, 3, 258-261.	2.1	8

#	Article	IF	Citations
19	Evaluation of the long-term effect of polyhexamethylene guanidine phosphate in a rat lung model using conventional chest computed tomography with histopathologic analysis. PLoS ONE, 2021, 16, e0256756.	2.5	8
20	Assessment of dermal irritation potential of MWCNT. Toxicology and Environmental Health Sciences, 2010, 2, 115-118.	2.1	6
21	Chloroform upregulates early growth response‐1‐dependent thymic stromal lymphopoietin expression via the <scp>JNK</scp> and ERK pathways in human keratinocytes. International Journal of Dermatology, 2015, 54, e521-6.	1.0	6
22	STAT3 maintains skin barrier integrity by modulating SPINK5 and KLK5 expression in keratinocytes. Experimental Dermatology, 2022, 31, 223-232.	2.9	5
23	Evaluation of the effect of filtered ultrafine particulate matter on bleomycin-induced lung fibrosis in a rat model using computed tomography, histopathologic analysis, and RNA sequencing. Scientific Reports, 2021, 11, 22672.	3.3	5
24	A quantitative study of nanoparticle skin penetration with interactive segmentation. Medical and Biological Engineering and Computing, 2016, 54, 1469-1479.	2.8	4
25	Analysis of lung cancer-related genetic changes in long-term and low-dose polyhexamethylene guanidine phosphate (PHMG-p) treated human pulmonary alveolar epithelial cells. BMC Pharmacology & Toxicology, 2022, 23, 19.	2.4	4
26	Assessment of phototoxicity, skin irritation, and sensitization potential of polystyrene and TiO2nanoparticles. Journal of Physics: Conference Series, 2011, 304, 012050.	0.4	3
27	Gene expression analysis reveals a functional role for the Ag-NPs-induced Egr-1 transcriptional factor in human keratinocytes. Molecular and Cellular Toxicology, 2014, 10, 149-156.	1.7	3
28	The effect of calcium gluconate with natural extracts on skin toxicity of hydrofluoric acid. Molecular and Cellular Toxicology, 2018, 14, 381-389.	1.7	1
29	Use of PCR-array to profile expressed genes in human keratinocyte hacat cells after exposure to Quantum Dots. Toxicology and Environmental Health Sciences, 2010, 2, 162-167.	2.1	0
30	Egr-1 expression induced by ZnO nanoparticles in human keratinocytes. , 2012, , .		0