

Yon Rojanasakul

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6625436/publications.pdf>

Version: 2024-02-01

159
papers

9,555
citations

34105

52
h-index

42399

92
g-index

161
all docs

161
docs citations

161
times ranked

14181
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Nanoparticle-Induced Oxidative Stress and Toxicity. <i>BioMed Research International</i> , 2013, 2013, 1-15.	1.9	1,110
2	Protein Nanoparticles as Drug Delivery Carriers for Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	472
3	Inflammation and Lung Cancer: Roles of Reactive Oxygen/Nitrogen Species. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2008, 11, 1-15.	6.5	339
4	Oxygen radical-mediated pulmonary toxicity induced by some cationic liposomes. <i>Pharmaceutical Research</i> , 2000, 17, 521-525.	3.5	302
5	An NLRP7-Containing Inflammasome Mediates Recognition of Microbial Lipopeptides in Human Macrophages. <i>Immunity</i> , 2012, 36, 464-476.	14.3	288
6	Activation of Inflammasomes Requires Intracellular Redistribution of the Apoptotic Speck-Like Protein Containing a Caspase Recruitment Domain. <i>Journal of Immunology</i> , 2009, 182, 3173-3182.	0.8	217
7	Role of PI3K and AKT specific isoforms in ovarian cancer cell migration, invasion and proliferation through the p70S6K1 pathway. <i>Cellular Signalling</i> , 2006, 18, 2262-2271.	3.6	193
8	Reactive Oxygen Species Mediate Caspase Activation and Apoptosis Induced by Lipoic Acid in Human Lung Epithelial Cancer Cells through Bcl-2 Down-Regulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1062-1069.	2.5	185
9	Cadmium Increases HIF-1 and VEGF Expression through ROS, ERK, and AKT Signaling Pathways and Induces Malignant Transformation of Human Bronchial Epithelial Cells. <i>Toxicological Sciences</i> , 2012, 125, 10-19.	3.1	182
10	S-Nitrosylation of Bcl-2 Inhibits Its Ubiquitin-Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2006, 281, 34124-34134.	3.4	177
11	Regulation of Lung Cancer Cell Migration and Invasion by Reactive Oxygen Species and Caveolin-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 38832-38840.	3.4	171
12	Cobalt-mediated generation of reactive oxygen species and its possible mechanism. <i>Journal of Inorganic Biochemistry</i> , 1998, 70, 239-244.	3.5	166
13	The Fas Death Signaling Pathway Connecting Reactive Oxygen Species Generation and FLICE Inhibitory Protein Down-Regulation. <i>Journal of Immunology</i> , 2008, 180, 3072-3080.	0.8	134
14	Carbon Nanotubes Induce Malignant Transformation and Tumorigenesis of Human Lung Epithelial Cells. <i>Nano Letters</i> , 2011, 11, 2796-2803.	9.1	129
15	Nitric Oxide Regulates Cell Sensitivity to Cisplatin-Induced Apoptosis through S-Nitrosylation and Inhibition of Bcl-2 Ubiquitination. <i>Cancer Research</i> , 2006, 66, 6353-6360.	0.9	116
16	Dispersion of single-walled carbon nanotubes by a natural lung surfactant for pulmonary in vitro and in vivo toxicity studies. <i>Particle and Fibre Toxicology</i> , 2010, 7, 31.	6.2	113
17	Direct Fibrogenic Effects of Dispersed Single-Walled Carbon Nanotubes on Human Lung Fibroblasts. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 410-422.	2.3	112
18	Phosphatidylinositol-3-Kinase/Akt Regulates Bleomycin-Induced Fibroblast Proliferation and Collagen Production. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 432-441.	2.9	104

#	ARTICLE	IF	CITATIONS
19	A Direct Comparison of the Anticancer Activities of Digitoxin MeON-Neoglycosides and <i>O</i> -Glycosides. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 326-330.	2.8	104
20	Differential splicing of the apoptosis-associated speck like protein containing a caspase recruitment domain (ASC) regulates inflammasomes. <i>Journal of Inflammation</i> , 2010, 7, 23.	3.4	99
21	Oleanane triterpenoid CDDO-Me inhibits growth and induces apoptosis in prostate cancer cells through a ROS-dependent mechanism. <i>Biochemical Pharmacology</i> , 2010, 79, 350-360.	4.4	97
22	Role of oxidative/nitrosative stress-mediated Bcl-2 regulation in apoptosis and malignant transformation. <i>Annals of the New York Academy of Sciences</i> , 2010, 1203, 1-6.	3.8	97
23	Interleukin-10-mediated inhibition of free radical generation in macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L1196-L1202.	2.9	96
24	Digitoxin and its analogs as novel cancer therapeutics. <i>Experimental Hematology and Oncology</i> , 2012, 1, 4.	5.0	96
25	Nitric Oxide Negatively Regulates Fas CD95-induced Apoptosis through Inhibition of Ubiquitin-Proteasome-mediated Degradation of FLICE Inhibitory Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 42044-42050.	3.4	93
26	Antioxidant properties of (-)-epicatechin-3-gallate and its inhibition of Cr(VI)-induced DNA damage and Cr(IV)- or TPA-stimulated NF-kappaB activation. <i>Molecular and Cellular Biochemistry</i> , 2000, 206, 125-132.	3.1	92
27	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. <i>Virus Genes</i> , 2007, 35, 685-694.	1.6	85
28	Cellular Pyrin Domain-Only Protein 2 Is a Candidate Regulator of Inflammasome Activation. <i>Infection and Immunity</i> , 2007, 75, 1484-1492.	2.2	83
29	Reactive oxygen species-mediated p38 MAPK regulates carbon nanotube-induced fibrogenic and angiogenic responses. <i>Nanotoxicology</i> , 2013, 7, 157-168.	3.0	82
30	Regulation of apoptosis by Bcl-2 cysteine oxidation in human lung epithelial cells. <i>Molecular Biology of the Cell</i> , 2013, 24, 858-869.	2.1	81
31	Mitochondrial superoxide mediates doxorubicin-induced keratinocyte apoptosis through oxidative modification of ERK and Bcl-2 ubiquitination. <i>Biochemical Pharmacology</i> , 2012, 83, 1643-1654.	4.4	80
32	Digitoxin and a synthetic monosaccharide analog inhibit cell viability in lung cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 51-60.	2.8	79
33	Mesothelin promotes epithelial-to-mesenchymal transition and tumorigenicity of human lung cancer and mesothelioma cells. <i>Molecular Cancer</i> , 2017, 16, 63.	19.2	79
34	Novel non-endocytic delivery of antisense oligonucleotides. <i>Advanced Drug Delivery Reviews</i> , 2000, 44, 35-49.	13.7	77
35	Curcumin sensitizes non-small cell lung cancer cell anoikis through reactive oxygen species-mediated Bcl-2 downregulation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 574-585.	4.9	77
36	Nanomaterials in Humans. <i>Toxicologic Pathology</i> , 2011, 39, 841-849.	1.8	77

#	ARTICLE	IF	CITATIONS
37	Oligonucleotide targeting to alveolar macrophages by mannose receptor-mediated endocytosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1279, 227-234.	2.6	72
38	Chronic occupational exposure to arsenic induces carcinogenic gene signaling networks and neoplastic transformation in human lung epithelial cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 204-216.	2.8	71
39	Effect of Fiber Length on Carbon Nanotube-Induced Fibrogenesis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7444-7461.	4.1	68
40	Stereochemical Survey of Digitoxin Monosaccharides. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 73-78.	2.8	67
41	Vanadium-induced apoptosis and pulmonary inflammation in mice: Role of reactive oxygen species. <i>Journal of Cellular Physiology</i> , 2003, 195, 99-107.	4.1	66
42	Curcumin Sensitizes Lung Cancer Cells to Cisplatin-Induced Apoptosis Through Superoxide Anion-Mediated Bcl-2 Degradation. <i>Cancer Investigation</i> , 2009, 27, 624-635.	1.3	65
43	Neoplastic-like transformation effect of single-walled and multi-walled carbon nanotubes compared to asbestos on human lung small airway epithelial cells. <i>Nanotoxicology</i> , 2014, 8, 485-507.	3.0	65
44	Phosphatidylinositol 3-Kinase/Akt Positively Regulates Fas (CD95)-Mediated Apoptosis in Epidermal Cl41 Cells. <i>Journal of Immunology</i> , 2006, 176, 6785-6793.	0.8	64
45	Role of S-nitrosylation in apoptosis resistance and carcinogenesis. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 146-151.	2.7	63
46	Arsenite induces cell transformation by reactive oxygen species, AKT, ERK1/2, and p70S6K1. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 533-538.	2.1	63
47	Synthesis and Evaluation of the β -Rhamnosyl and Amicetosyl Digitoxigenin Oligomers as Antitumor Agents. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 264-269.	2.8	62
48	Effects of acid treatment on structure, properties and biocompatibility of carbon nanotubes. <i>Applied Surface Science</i> , 2013, 264, 261-268.	6.1	59
49	Peroxide Is a Key Mediator of Bcl-2 Down-Regulation and Apoptosis Induction by Cisplatin in Human Lung Cancer Cells. <i>Molecular Pharmacology</i> , 2008, 73, 119-127.	2.3	58
50	C5 α -Alkyl Substitution Effects on Digitoxigenin β -Glycoside Cancer Cytotoxicity. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 259-263.	2.8	58
51	Potential role of apoptotic macrophages in pulmonary inflammation and fibrosis. <i>Journal of Cellular Physiology</i> , 2003, 194, 215-224.	4.1	57
52	High-efficiency gene transfection of macrophages by lipoplexes. <i>International Journal of Pharmaceutics</i> , 2000, 206, 97-104.	5.2	56
53	Induction of secondary apoptosis, inflammation, and lung fibrosis after intratracheal instillation of apoptotic cells in rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L695-L702.	2.9	54
54	Hydrogen peroxide inhibits non-small cell lung cancer cell anoikis through the inhibition of caveolin-1 degradation. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C235-C245.	4.6	54

#	ARTICLE	IF	CITATIONS
55	The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin. Archives of Biochemistry and Biophysics, 2013, 537, 31-38.	3.0	53
56	Nitrosothiol signaling and protein nitrosation in cell death. Nitric Oxide - Biology and Chemistry, 2014, 42, 9-18.	2.7	52
57	Nitric Oxide Mediates Bleomycin-induced Angiogenesis and Pulmonary Fibrosis via Regulation of VEGF. Journal of Cellular Biochemistry, 2015, 116, 2484-2493.	2.6	52
58	Induction of neutrophil apoptosis and secondary necrosis during endotoxin-induced pulmonary inflammation in mice. Journal of Cellular Physiology, 2002, 191, 320-326.	4.1	51
59	Regulation of Fas (CD95)-induced apoptotic and necrotic cell death by reactive oxygen species in macrophages. Journal of Cellular Physiology, 2005, 203, 78-84.	4.1	51
60	Vaccine Delivery - Current Trends and Future. Current Drug Delivery, 2006, 3, 137-146.	1.6	51
61	Induction of stem-like cells with malignant properties by chronic exposure of human lung epithelial cells to single-walled carbon nanotubes. Particle and Fibre Toxicology, 2014, 11, 22.	6.2	51
62	Dependence of NF-kappaB activation and free radical generation on silica-induced TNF-alpha production in macrophages. Molecular and Cellular Biochemistry, 1999, 200, 119-125.	3.1	50
63	Nitric Oxide Regulates Lung Carcinoma Cell Anoikis through Inhibition of Ubiquitin-Proteasomal Degradation of Caveolin-1. Journal of Biological Chemistry, 2009, 284, 28476-28484.	3.4	50
64	Superoxide-mediated proteasomal degradation of Bcl-2 determines cell susceptibility to Cr(VI)-induced apoptosis. Carcinogenesis, 2008, 29, 1538-1545.	2.8	49
65	The effects of carbon nanotubes on lung and dermal cellular behaviors. Nanomedicine, 2014, 9, 895-912.	3.3	48
66	Chronic Exposure to Carbon Nanotubes Induces Invasion of Human Mesothelial Cells through Matrix Metalloproteinase-2. ACS Nano, 2013, 7, 7711-7723.	14.6	47
67	Nitric oxide induces cancer stem cell-like phenotypes in human lung cancer cells. American Journal of Physiology - Cell Physiology, 2015, 308, C89-C100.	4.6	47
68	Essential role of p53 in silica-induced apoptosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L488-L496.	2.9	46
69	Hydroxyl radical mediates cisplatin-induced apoptosis in human hair follicle dermal papilla cells and keratinocytes through Bcl-2-dependent mechanism. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 769-782.	4.9	45
70	Induction of TNFalpha in macrophages by vanadate is dependent on activation of transcription factor NF-kappaB and free radical reactions. Molecular and Cellular Biochemistry, 1999, 198, 193-200.	3.1	44
71	One-Electron Reduction of Chromium(VI) by Lipoic Acid and Related Hydroxyl Radical Generation, dG Hydroxylation and Nuclear Transcription Factor-Î²B Activation. Archives of Biochemistry and Biophysics, 1997, 338, 165-172.	3.0	41
72	Nitric Oxide-Mediated Bcl-2 Stabilization Potentiates Malignant Transformation of Human Lung Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 578-585.	2.9	40

#	ARTICLE	IF	CITATIONS
73	Monosaccharide digitoxin derivative sensitize human non-small cell lung cancer cells to anoikis through Mcl-1 proteasomal degradation. <i>Biochemical Pharmacology</i> , 2014, 88, 23-35.	4.4	40
74	Caveolin-1 regulates Mcl-1 stability and anoikis in lung carcinoma cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C1284-C1292.	4.6	39
75	Dependence of Reactive Oxygen Species and FLICE Inhibitory Protein on Lipofectamine-Induced Apoptosis in Human Lung Epithelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 969-977.	2.5	37
76	Regulation of Fas (CD95)-induced apoptosis by nuclear factor- κ B and tumor necrosis factor- α in macrophages. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C831-C838.	4.6	36
77	Pulmonary toxicity and fibrogenic response of carbon nanotubes. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 196-206.	2.7	35
78	Caveolin-1 regulates lung cancer stem-like cell induction and p53 inactivation in carbon nanotube-driven tumorigenesis. <i>Oncotarget</i> , 2014, 5, 3541-3554.	1.8	35
79	Anti-tumor Effects of Cardiac Glycosides on Human Lung Cancer Cells and Lung Tumorspheres. <i>Journal of Cellular Physiology</i> , 2017, 232, 2497-2507.	4.1	35
80	Cellular delivery of oligonucleotides by synthetic import peptide carrier. <i>Pharmaceutical Research</i> , 1997, 14, 1759-1764.	3.5	34
81	Multifunctional Role of Bcl-2 in Malignant Transformation and Tumorigenesis of Cr(VI)-Transformed Lung Cells. <i>PLoS ONE</i> , 2012, 7, e37045.	2.5	34
82	Selective stamp bonding of PDMS microfluidic devices to polymer substrates for biological applications. <i>Sensors and Actuators A: Physical</i> , 2013, 193, 186-192.	4.1	33
83	Effects of titanium dioxide nanoparticles on human keratinocytes. <i>Drug and Chemical Toxicology</i> , 2017, 40, 90-100.	2.3	33
84	Protective Roles of NF- κ B for Chromium(VI)-induced Cytotoxicity Is Revealed by Expression of κ B Kinase- β Mutant. <i>Journal of Biological Chemistry</i> , 2002, 277, 3342-3349.	3.4	32
85	Antioxidant c-FLIP Inhibits Fas Ligand-Induced NF- κ B Activation in a Phosphatidylinositol 3-Kinase/Akt-Dependent Manner. <i>Journal of Immunology</i> , 2011, 187, 3256-3266.	0.8	31
86	Early Assessment and Correlations of Nanoclay TM s Toxicity to Their Physical and Chemical Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32323-32335.	8.0	31
87	Nitric oxide promotes cancer cell dedifferentiation by disrupting an Oct4:caveolin-1 complex: A new regulatory mechanism for cancer stem cell formation. <i>Journal of Biological Chemistry</i> , 2018, 293, 13534-13552.	3.4	31
88	Antisense Inhibition of Silica-induced Tumor Necrosis Factor in Alveolar Macrophages. <i>Journal of Biological Chemistry</i> , 1997, 272, 3910-3914.	3.4	29
89	Identification of TGF- β receptor-1 as a key regulator of carbon nanotube-induced fibrogenesis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L821-L833.	2.9	29
90	Role of Transcription Factor NF- κ B in Asbestos-Induced TNF α Response from Macrophages. <i>Experimental and Molecular Pathology</i> , 1999, 66, 201-210.	2.1	28

#	ARTICLE	IF	CITATIONS
91	Exposure to Carbon Nanotubes Leads to Changes in the Cellular Biomechanics. <i>Advanced Healthcare Materials</i> , 2013, 2, 945-951.	7.6	28
92	Characterization of proteolytic activities of pulmonary alveolar epithelium. <i>International Journal of Pharmaceutics</i> , 2000, 195, 93-101.	5.2	27
93	Toxicity evaluations of nanoclays and thermally degraded byproducts through spectroscopical and microscopical approaches. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3406-3415.	2.4	27
94	Autophagy-Induced Apoptosis in Lung Cancer Cells by a Novel Digitoxin Analog. <i>Journal of Cellular Physiology</i> , 2016, 231, 817-828.	4.1	26
95	Evaluation of tumorigenic potential of CeO ₂ and Fe ₂ O ₃ engineered nanoparticles by a human cell in vitro screening model. <i>NanoImpact</i> , 2017, 6, 39-54.	4.5	25
96	Carcinogenic potential of high aspect ratio carbon nanomaterials. <i>Environmental Science: Nano</i> , 2016, 3, 483-493.	4.3	24
97	Inhibition of endotoxin-induced lung inflammation by interleukin-10 gene transfer in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L872-L877.	2.9	23
98	Carbon nanotubes induced fibrogenesis on nanostructured substrates. <i>Environmental Science: Nano</i> , 2017, 4, 689-699.	4.3	23
99	SOX9 Regulates Cancer Stem-Like Properties and Metastatic Potential of Single-Walled Carbon Nanotube-Exposed Cells. <i>Scientific Reports</i> , 2017, 7, 11653.	3.3	23
100	Enhanced cellular uptake of oligonucleotides by EGF receptor-mediated endocytosis in A549 cells. <i>Pharmaceutical Research</i> , 1996, 13, 57-61.	3.5	22
101	AC927, a β Receptor Ligand, Blocks Methamphetamine-Induced Release of Dopamine and Generation of Reactive Oxygen Species in NG108-15 Cells. <i>Molecular Pharmacology</i> , 2012, 81, 299-308.	2.3	22
102	Appalachian Mountaintop Mining Particulate Matter Induces Neoplastic Transformation of Human Bronchial Epithelial Cells and Promotes Tumor Formation. <i>Environmental Science & Technology</i> , 2014, 48, 12912-12919.	10.0	22
103	Gene expression profile of human lung epithelial cells chronically exposed to single-walled carbon nanotubes. <i>Nanoscale Research Letters</i> , 2015, 10, 12.	5.7	21
104	Effect of surface functionalizations of multi-walled carbon nanotubes on neoplastic transformation potential in primary human lung epithelial cells. <i>Nanotoxicology</i> , 2017, 11, 613-624.	3.0	21
105	Short-Term Pulmonary Toxicity Assessment of Pre- and Post-incinerated Organomodified Nanoclay in Mice. <i>ACS Nano</i> , 2018, 12, 2292-2310.	14.6	21
106	Characterization of mefenamic acid-guaiacol ester: stability and transport across Caco-2 cell monolayers. <i>Pharmaceutical Research</i> , 2002, 19, 1013-1018.	3.5	20
107	Inhibition of TNF- α gene expression and bioactivity by site-specific transcription factor-binding oligonucleotides. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 284, L386-L394.	2.9	20
108	ATR-FTIR characterization of transport properties of benzoic acid ion-pairs in silicone membranes. <i>International Journal of Pharmaceutics</i> , 2004, 283, 111-116.	5.2	20

#	ARTICLE	IF	CITATIONS
109	A novel TRPM7/O-GlcNAc axis mediates tumour cell motility and metastasis by stabilising c-Myc and caveolin-1 in lung carcinoma. <i>British Journal of Cancer</i> , 2020, 123, 1289-1301.	6.4	20
110	Potential in vitro model for testing the effect of exposure to nanoparticles on the lung alveolar epithelial barrier. <i>Sensing and Bio-Sensing Research</i> , 2015, 3, 38-45.	4.2	19
111	Linking JNK-STAT3-Akt signaling axis to EZH2 phosphorylation. <i>Cell Cycle</i> , 2013, 12, 202-202.	2.6	18
112	Carbon nanotube uptake changes the biomechanical properties of human lung epithelial cells in a time-dependent manner. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3983-3992.	5.8	18
113	Induction of cancer-associated fibroblast-like cells by carbon nanotubes dictates its tumorigenicity. <i>Scientific Reports</i> , 2016, 6, 39558.	3.3	18
114	Induction of Slug by Chronic Exposure to Single-Walled Carbon Nanotubes Promotes Tumor Formation and Metastasis. <i>Chemical Research in Toxicology</i> , 2017, 30, 1396-1405.	3.3	18
115	Substrate Stiffness-Dependent Carbon Nanotube-Induced Lung Fibrogenesis. <i>Nano Letters</i> , 2019, 19, 5443-5451.	9.1	17
116	Enzymatic degradation of luteinizing hormone releasing hormone (LHRH)/[D-Ala ⁶]-LHRH in lung pneumocytes. <i>Pharmaceutical Research</i> , 1998, 15, 1480-1484.	3.5	15
117	Inhibition of nuclear transcription factor-kappaB by specific IkappaB kinase peptide inhibitor. <i>Pharmaceutical Research</i> , 2001, 18, 1631-1633.	3.5	15
118	Characteristics and anti-proliferative activity of azelaic acid and its derivatives entrapped in bilayer vesicles in cancer cell lines. <i>Journal of Drug Targeting</i> , 2007, 15, 334-341.	4.4	15
119	Assessment of Pulmonary Fibrogenic Potential of Multiwalled Carbon Nanotubes in Human Lung Cells. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-11.	2.7	15
120	S-nitrosylation of FLICE inhibitory protein determines its interaction with RIP1 and activation of NF- κ B. <i>Cell Cycle</i> , 2014, 13, 1948-1957.	2.6	15
121	Role of H-Ras/ERK signaling in carbon nanotube-induced neoplastic-like transformation of human mesothelial cells. <i>Frontiers in Physiology</i> , 2014, 5, 222.	2.8	15
122	Direct stimulation of human fibroblasts by nCeO ₂ in vitro is attenuated with an amorphous silica coating. <i>Particle and Fibre Toxicology</i> , 2015, 13, 23.	6.2	14
123	TRAIL and proteasome inhibitors combination induces a robust apoptosis in human malignant pleural mesothelioma cells through Mcl-1 and Akt protein cleavages. <i>BMC Cancer</i> , 2013, 13, 140.	2.6	13
124	Carbon Nanotubes Induce Apoptosis Resistance of Human Lung Epithelial Cells Through FLICE-Inhibitory Protein. <i>Toxicological Sciences</i> , 2015, 143, 499-511.	3.1	13
125	Carbon nanotubes physicochemical properties influence the overall cellular behavior and fate. <i>NanoImpact</i> , 2018, 9, 72-84.	4.5	13
126	Reactive oxygen species mediate cancer stem-like cells and determine bortezomib sensitivity via Mcl-1 and Zeb-1 in mantle cell lymphoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3739-3753.	3.8	13

#	ARTICLE	IF	CITATIONS
127	Towards elucidating the effects of purified MWCNTs on human lung epithelial cells. <i>Environmental Science: Nano</i> , 2014, 1, 595-603.	4.3	12
128	Acquisition of cancer stem cell-like properties in human small airway epithelial cells after a long-term exposure to carbon nanomaterials. <i>Environmental Science: Nano</i> , 2019, 6, 2152-2170.	4.3	12
129	Potential Occupational Risks Associated with Pulmonary Toxicity of Carbon Nanotubes. <i>Occupational Medicine & Health Affairs</i> , 2014, 02, .	0.1	12
130	Protection against oxidative injury and permeability alteration in cultured alveolar epithelium by transferrin-catalase conjugate. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1996, 1315, 21-28.	3.8	11
131	Role of mesothelin in carbon nanotube-induced carcinogenic transformation of human bronchial epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L538-L549.	2.9	10
132	Predicting Nanotube Fibrogenicity through Stem Cell-Mediated Fibroblast Focus and Spheroid Formation. <i>Nano Letters</i> , 2018, 18, 6500-6508.	9.1	10
133	Iron Oxide Nanoparticle-Induced Neoplastic-Like Cell Transformation <i>in Vitro</i> Is Reduced with a Protective Amorphous Silica Coating. <i>Chemical Research in Toxicology</i> , 2019, 32, 2382-2397.	3.3	10
134	Rapid and sensitive assay of tumor necrosis factor-alpha gene transcription. <i>Pharmaceutical Research</i> , 2001, 18, 408-411.	3.5	8
135	Nanobiotechnology in Drug Delivery. <i>American Journal of Drug Delivery</i> , 2006, 4, 79-88.	0.6	8
136	Role of lung surfactant in phagocytic clearance of apoptotic cells by macrophages in rats. <i>Laboratory Investigation</i> , 2006, 86, 458-466.	3.7	8
137	Experimental and Computational Studies of Epithelial Transport of Mefenamic Acid Ester Prodrugs. <i>Pharmaceutical Research</i> , 2005, 22, 721-727.	3.5	7
138	Toxicity and oxidative stress responses induced by nano- and micro-CoCrMo particles. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5648-5657.	5.8	7
139	Glutathione conjugation of busulfan produces a hydroxyl radical-trapping dehydroalanine metabolite. <i>Xenobiotica</i> , 2012, 42, 1170-1177.	1.1	6
140	SOX2 Mediates Carbon Nanotube-Induced Fibrogenesis and Fibroblast Stem Cell Acquisition. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5290-5304.	5.2	6
141	Nitrosothiol Signaling in Anoikis Resistance and Cancer Metastasis. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2012, 3, 141-154.	0.1	6
142	Impacts of Organomodified Nanoclays and Their Incinerated Byproducts on Bronchial Cell Monolayer Integrity. <i>Chemical Research in Toxicology</i> , 2019, 32, 2445-2458.	3.3	5
143	Potential antitumor activity of digitoxin and user-designed analog administered to human lung cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129683.	2.4	5
144	Cellular delivery of functional peptides to block cytokine gene expression. <i>Journal of Controlled Release</i> , 2000, 65, 13-17.	9.9	4

#	ARTICLE	IF	CITATIONS
145	Anticancer Properties of Curcumin. , 0, , .		4
146	Microfluidic gradient device for studying mesothelial cell migration and the effect of chronic carbon nanotube exposure. Journal of Micromechanics and Microengineering, 2015, 25, 075010.	2.6	4
147	Interleukin-12 elicits a non-canonical response in B16 melanoma cells to enhance survival. Cell Communication and Signaling, 2020, 18, 78.	6.5	4
148	Methods to Analyze S-nitrosylation of Proteins Involved in Apoptosis. Methods in Molecular Biology, 2009, 559, 117-130.	0.9	3
149	Chemotherapy-Induced Alopecia. , 2012, , .		2
150	Secondary Necrosis of Apoptotic Neutrophils Contributes to Inflammatory Lung Injury in vivo. Scientific World Journal, The, 2001, 1, 57-57.	2.1	1
151	Luciferase reporter cells as a platform to detect SMAD-dependent collagen production. Journal of Bioscience and Bioengineering, 2014, 118, 732-735.	2.2	1
152	Mechanisms Underlying the Fibrogenic Responses of Carbon Nanotubes. Advances in Molecular Toxicology, 2018, , 47-68.	0.4	1
153	Macromolecular Drug Delivery. , 2008, , 293-323.		1
154	DNA Microarrays in Drug Discovery and Development. , 2008, , 47-66.		1
155	S-Nitrosylation “ How Cancer Cells Say NO to Cell Death. , 2010, , 85-102.		1
156	Evaluating Carcinogenic Potential of Carbon Nanomaterials. , 2019, , 103-144.		1
157	Role of Nitric Oxide in Cancer Stem Cell Regulation and Metastasis. , 2017, , 179-189.		0
158	Biological Activities of Carbon Nanotubes. , 0, , .		0
159	The Emerging Role of Protein S-Nitrosylation in Cancer Metastasis. , 2015, , 111-125.		0