Arti Shukla

List of Publications by Year
in descending order

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51 papers	2,784 citations	186265 28 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	4168 citing authors

#	Article	IF	Citations
1	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. Cell, 2020, 182, 1044-1061.e18.	28.9	691
2	Multiple roles of oxidants in the pathogenesis of asbestos-induced diseases. Free Radical Biology and Medicine, 2003, 34, 1117-1129.	2.9	249
3	Assessing nanotoxicity in cells in vitro. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 219-231.	6.1	162
4	Asbestos and erionite prime and activate the NLRP3 inflammasome that stimulates autocrine cytokine release in human mesothelial cells. Particle and Fibre Toxicology, 2013, 10, 39.	6.2	102
5	New Insights into Understanding the Mechanisms, Pathogenesis, and Management of Malignant Mesotheliomas. American Journal of Pathology, 2013, 182, 1065-1077.	3.8	91
6	Exosomes: Potential in Cancer Diagnosis and Therapy. Medicines (Basel, Switzerland), 2015, 2, 310-327.	1.4	80
7	Asbestos induces mitochondrial DNA damage and dysfunction linked to the development of apoptosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L1018-L1025.	2.9	79
8	Inflammation precedes the development of human malignant mesotheliomas in a SCID mouse xenograft model. Annals of the New York Academy of Sciences, 2010, 1203, 7-14.	3.8	74
9	Cell signaling and transcription factor activation by asbestos in lung injury and disease. International Journal of Biochemistry and Cell Biology, 2003, 35, 1198-1209.	2.8	73
10	Inflammation-Related IL1Î²/IL1R Signaling Promotes the Development of Asbestos-Induced Malignant Mesothelioma. Cancer Prevention Research, 2016, 9, 406-414.	1.5	68
11	Blocking of ERK1 and ERK2 sensitizes human mesothelioma cells to doxorubicin. Molecular Cancer, 2010, 9, 314.	19.2	64
12	Asbestos-Induced Apoptosis Is Protein Kinase CÎ´-Dependent. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 198-205.	2.9	58
13	Differences in gene expression and cytokine production by crystalline vs. amorphous silica in human lung epithelial cells. Particle and Fibre Toxicology, 2012, 9, 6.	6.2	57
14	Alterations in Gene Expression in Human Mesothelial Cells Correlate with Mineral Pathogenicity. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 114-123.	2.9	55
15	Asbestos-Induced Peribronchiolar Cell Proliferation and Cytokine Production Are Attenuated in Lungs of Protein Kinase C-Î´ Knockout Mice. American Journal of Pathology, 2007, 170, 140-151.	3.8	50
16	Curcumin: A Double Hit on Malignant Mesothelioma. Cancer Prevention Research, 2014, 7, 330-340.	1.5	46
17	Activated cAMP Response Element Binding Protein Is Overexpressed in Human Mesotheliomas and Inhibits Apoptosis. American Journal of Pathology, 2009, 175, 2197-2206.	3.8	43
18	Transcriptional upâ€regulation of MMPs 12 and 13 by asbestos occurs via a PKCÎ´â€dependent pathway in murine lung. FASEB Journal, 2006, 20, 997-999.	0.5	41

#	Article	IF	Citations
19	Exosomal miR-16-5p as a target for malignant mesothelioma. Scientific Reports, 2019, 9, 11688.	3.3	40
20	ERK2 is essential for the growth of human epithelioid malignant mesotheliomas. International Journal of Cancer, 2011, 129, 1075-1086.	5.1	38
21	Asbestos modulates thioredoxin-thioredoxin interacting protein interaction to regulate inflammasome activation. Particle and Fibre Toxicology, 2014, 11, 24.	6.2	37
22	Inflammasome Modulation by Chemotherapeutics in Malignant Mesothelioma. PLoS ONE, 2015, 10, e0145404.	2.5	37
23	Extracellular Signalâ€"Regulated Kinase 5: A Potential Therapeutic Target for Malignant Mesotheliomas. Clinical Cancer Research, 2013, 19, 2071-2083.	7.0	35
24	Asbestos-Induced Mesothelial to Fibroblastic Transition Is Modulated by the Inflammasome. American Journal of Pathology, 2017, 187, 665-678.	3.8	34
25	Asbestos-mediated CREB phosphorylation is regulated by protein kinase A and extracellular signal-regulated kinases 1/2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1361-L1369.	2.9	32
26	Utilization of Gene Profiling and Proteomics to Determine Mineral Pathogenicity in a Human Mesothelial Cell Line (LP9/TERT-1). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 423-436.	2.3	30
27	Title is missing!. Molecular and Cellular Biochemistry, 2002, 234/235, 111-118.	3.1	29
28	Oxidant-Mediated cAMP Response Element Binding Protein Activation. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 7-14.	2.9	29
29	CREB-Induced Inflammation Is Important for Malignant Mesothelioma Growth. American Journal of Pathology, 2014, 184, 2816-2827.	3.8	29
30	Differential Susceptibility of Human Pleural and Peritoneal Mesothelial Cells to Asbestos Exposure. Journal of Cellular Biochemistry, 2015, 116, 1540-1552.	2.6	29
31	The Î³-Glutamylcysteine Synthetase and Glutathione Regulate Asbestos-induced Expression of Activator Protein-1 Family Members and Activity. Cancer Research, 2004, 64, 7780-7786.	0.9	26
32	A Protein Kinase CÎ´-Dependent Protein Kinase D Pathway Modulates ERK1/2 and JNK1/2 Phosphorylation and Bim-Associated Apoptosis by Asbestos. American Journal of Pathology, 2009, 174, 449-459.	3.8	26
33	Disabling Mitochondrial Peroxide Metabolism via Combinatorial Targeting of Peroxiredoxin 3 as an Effective Therapeutic Approach for Malignant Mesothelioma. PLoS ONE, 2015, 10, e0127310.	2.5	26
34	Mechanisms of oxidative stress and alterations in gene expression by Libby six-mix in human mesothelial cells. Particle and Fibre Toxicology, 2010, 7, 26.	6.2	24
35	Peroxiredoxins and Beyond; Redox Systems Regulating Lung Physiology and Disease. Antioxidants and Redox Signaling, 2019, 31, 1070-1091.	5.4	24
36	Exosomes from asbestosâ€exposed cells modulate gene expression in mesothelial cells. FASEB Journal, 2018, 32, 4328-4342.	0.5	21

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37	Malignant Mesothelioma: Development to Therapy. Journal of Cellular Biochemistry, 2014, 115, 1-7.	2.6	20
38	Indications for distinct pathogenic mechanisms of asbestos and silica through gene expression profiling of the response of lung epithelial cells. Human Molecular Genetics, 2015, 24, 1374-1389.	2.9	19
39	An Extracellular Signalâ€“Regulated Kinase 2 Survival Pathway Mediates Resistance of Human Mesothelioma Cells to Asbestos-Induced Injury. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 906-914.	2.9	14
40	Role of Mitogen-Activated Protein Kinases, Early Response Protooncogenes, and Activator Protein-1 in Cell Signaling by Asbestos. Inhalation Toxicology, 2000, 12, 307-316.	1.6	12
41	Dose-Response Relationships in Expression of Biomarkers of Cell Proliferation in In Vitro Assays and Inhalation Experiments. Nonlinearity in Biology, Toxicology, Medicine, 2004, 2, 154014204904644.	0.4	12
42	Extracellular signal regulated kinase 5 and inflammasome in progression of mesothelioma. Oncotarget, 2018, 9, 293-305.	1.8	12
43	Mouse serum exosomal proteomic signature in response to asbestos exposure. Journal of Cellular Biochemistry, 2018, 119, 6266-6273.	2.6	11
44	Extracellular Signal-Regulated Kinase 5 and Cyclic AMP Response Element Binding Protein Are Novel Pathways Inhibited by Vandetanib (ZD6474) and Doxorubicin in Mesotheliomas. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 595-603.	2.9	10
45	Actin polymerization plays a significant role in asbestos-induced inflammasome activation in mesothelial cells in vitro. Histochemistry and Cell Biology, 2017, 147, 595-604.	1.7	9
46	Highlight Commentary on â€œOxidative stress and lipid mediators induced in alveolar macrophages by ultrafine particlesâ€â€ . Free Radical Biology and Medicine, 2007, 43, 504-505.	2.9	5
47	A Multifunctional Mesothelin Antibody-tagged Microparticle Targets Human Mesotheliomas. Journal of Histochemistry and Cytochemistry, 2012, 60, 658-674.	2.5	5
48	Asbestos-Induced Oxidative Stress in Lung Pathogenesis. , 2014, , 1587-1610.		2
49	Exploratory use of docetaxel loaded acid-prepared mesoporous spheres for the treatment of malignant melanoma. Cancer Nanotechnology, 2015, 6, 1.	3.7	1
50	Matrix metalloproteinases regulation by asbestos in murine lung:Role of protein kinase C delta. FASEB Journal, 2006, 20, A226.	0.5	0
51	Asbestos-Induced Inflammation in Malignant Mesothelioma and Other Lung Diseases. Current Cancer Research, 2017, , 161-174.	0.2	0