Peter H M Hoet

List of Publications by Year
in descending order

242 papers	16,644 citations	18482 62 h-index	17105 122 g-index
254 all docs	254 docs citations	254 times ranked	19733 citing authors

#	Article	IF	Citations
1	Passage of Inhaled Particles Into the Blood Circulation in Humans. Circulation, 2002, 105, 411-414.	1.6	1,380
2	Nanoparticles - known and unknown health risks. Journal of Nanobiotechnology, 2004, 2, 12.	9.1	1,142
3	Loss of HIF-2Î± and inhibition of VEGF impair fetal lung maturation, whereas treatment with VEGF prevents fatal respiratory distress in premature mice. Nature Medicine, 2002, 8, 702-710.	30.7	680
4	The nanosilica hazard: another variable entity. Particle and Fibre Toxicology, 2010, 7, 39.	6.2	636
5	Passage of Intratracheally Instilled Ultrafine Particles from the Lung into the Systemic Circulation in Hamster. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1665-1668.	5.6	552
6	Sizeâ€Ðependent Cytotoxicity of Monodisperse Silica Nanoparticles in Human Endothelial Cells. Small, 2009, 5, 846-853.	10.0	513
7	Comparative toxicity of 24 manufactured nanoparticles in human alveolar epithelial and macrophage cell lines. Particle and Fibre Toxicology, 2009, 6, 14.	6.2	392
8	Toxicology of silica nanoparticles: an update. Archives of Toxicology, 2017, 91, 2967-3010.	4.2	362
9	How much do resin-based dental materials release? A meta-analytical approach. Dental Materials, 2011, 27, 723-747.	3.5	345
10	Ultrafine Particles Affect Experimental Thrombosis in anIn VivoHamster Model. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 998-1004.	5.6	308
11	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. Environmental Health Perspectives, 2017, 125, 106002.	6.0	274
12	Clastogenic and aneugenic effects of multi-wall carbon nanotubes in epithelial cells. Carcinogenesis, 2008, 29, 427-433.	2.8	271
13	Possible mechanisms of the cardiovascular effects of inhaled particles: systemic translocation and prothrombotic effects. Toxicology Letters, 2004, 149, 243-253.	0.8	269
14	Noninvasive and Invasive Pulmonary Function in Mouse Models of Obstructive and Restrictive Respiratory Diseases. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 96-104.	2.9	266
15	Diesel Exhaust Particles in Lung Acutely Enhance Experimental Peripheral Thrombosis. Circulation, 2003, 107, 1202-1208.	1.6	262
16	Induction of oxidative stress and antioxidative mechanisms in Phaseolus vulgaris after Cd application. Plant Physiology and Biochemistry, 2005, 43, 437-444.	5.8	262
17	Acute Toxicity and Prothrombotic Effects of Quantum Dots: Impact of Surface Charge. Environmental Health Perspectives, 2008, 116, 1607-1613.	6.0	248
18	The Meuse Valley fog of 1930: an air pollution disaster. Lancet, The, 2001, 357, 704-708.	13.7	235

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19	Size effect of intratracheally instilled particles on pulmonary inflammation and vascular thrombosis. Toxicology and Applied Pharmacology, 2003, 186, 38-45.	2.8	211
20	Nominal and Effective Dosimetry of Silica Nanoparticles in Cytotoxicity Assays. Toxicological Sciences, 2008, 104, 155-162.	3.1	183
21	Metabolism: A Bottleneck inIn VitroToxicological Test Development. ATLA Alternatives To Laboratory Animals, 2006, 34, 49-84.	1.0	161
22	Production of the Acute-Phase Protein Lipopolysaccharide-Binding Protein by Respiratory Type II Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2000, 23, 146-153.	2.9	144
23	Lung exposure to nanoparticles modulates an asthmatic response in a mouse model. European Respiratory Journal, 2011, 37, 299-309.	6.7	143
24	Genotoxic effects of carbon black particles, diesel exhaust particles, and urban air particulates and their extracts on a human alveolar epithelial cell line (A549) and a human monocytic cell line (THP-1). Environmental and Molecular Mutagenesis, 2001, 37, 155-163.	2.2	142
25	Co-cultures of multiple cell types mimic pulmonary cell communication in response to urban PM10. European Respiratory Journal, 2008, 32, 1184-1194.	6.7	142
26	Stronger associations between daily mortality and fine particulate air pollution in summer than in winter: evidence from a heavily polluted region in western Europe. Journal of Epidemiology and Community Health, 2007, 61, 146-149.	3.7	137
27	Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for in Vitro Cytotoxicity Testing. Langmuir, 2010, 26, 328-335.	3.5	137
28	Health impact of nanomaterials?. Nature Biotechnology, 2004, 22, 19-19.	17.5	135
29	Pulmonary Inflammation and Thrombogenicity Caused by Diesel Particles in Hamsters. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1366-1372.	5.6	125
30	Pharmacological Stabilization of Mast Cells Abrogates Late Thrombotic Events Induced by Diesel Exhaust Particles in Hamsters. Circulation, 2004, 110, 1670-1677.	1.6	125
31	Influence of size, surface area and microporosity on thein vitrocytotoxic activity of amorphous silica nanoparticles in different cell types. Nanotoxicology, 2010, 4, 307-318.	3.0	122
32	How physico-chemical characteristics of nanoparticles cause their toxicity: complex and unresolved interrelations. Environmental Sciences: Processes and Impacts, 2013, 15, 23-38.	3.5	113
33	Air Pollutionâ€“Related Prothrombotic Changes in Persons with Diabetes. Environmental Health Perspectives, 2010, 118, 191-196.	6.0	109
34	Contamination of nanoparticles by endotoxin: evaluation of different test methods. Particle and Fibre Toxicology, 2012, 9, 41.	6.2	109
35	Interactions of nanomaterials with the immune system. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 169-183.	6.1	104
36	Enhanced peripheral thrombogenicity after lung inflammation is mediated by platelet-leukocyte activation: role of P-selectin. Journal of Thrombosis and Haemostasis, 2007, 5, 1217-1226.	3.8	102

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37	Polyamines in the lung: polyamine uptake and polyamine-linked pathological or toxicological conditions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L417-L433.	2.9	98
38	In vitro study of the pulmonary translocation of nanoparticles. Toxicology Letters, 2006, 160, 218-226.	0.8	95
39	Respiratory Response to Toluene Diisocyanate Depends on Prior Frequency and Concentration of Dermal Sensitization in Mice. Toxicological Sciences, 2004, 80, 310-321.	3.1	94
40	The safety of medical devices containing DEHP plasticized PVC or other plasticizers on neonates and other groups possibly at risk (2015 update). Regulatory Toxicology and Pharmacology, 2016, 76, 209-210.	2.7	92
41	Exploring the aneugenic and clastogenic potential in the nanosize range: A549 human lung carcinoma cells and amorphous monodisperse silica nanoparticles as models. Nanotoxicology, 2010, 4, 382-395.	3.0	91
42	Indoor swimming pools, water chlorination and respiratory health. European Respiratory Journal, 2002, 19, 790-793.	6.7	90
43	Oropharyngeal aspiration: An alternative route for challenging in a mouse model of chemical-induced asthma. Toxicology, 2009, 259, 84-89.	4.2	89
44	Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. Respiratory Research, 2017, 18, 123.	3.6	89
45	Increase in Î³-Glutamyltransferase by Glutathione Depletion in Rat Type II Pneumocytes. Free Radical Biology and Medicine, 1997, 22, 525-534.	2.9	87
46	How should the completeness and quality of curated nanomaterial data be evaluated?. Nanoscale, 2016, 8, 9919-9943.	5.6	86
47	TRPV4 activation triggers protective responses to bacterial lipopolysaccharides in airway epithelial cells. Nature Communications, 2017, 8, 1059.	12.8	86
48	The impact of traffic air pollution on bronchiolitis obliterans syndrome and mortality after lung transplantation. Thorax, 2011, 66, 748-754.	5.6	85
49	Crucial Role of Transient Receptor Potential Ankyrin 1 and Mast Cells in Induction of Nonallergic Airway Hyperreactivity in Mice. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 486-493.	5.6	85
50	Validation of a mouse model of chemical-induced asthma using trimellitic anhydride, a respiratory sensitizer, and dinitrochlorobenzene, a dermal sensitizer. Journal of Allergy and Clinical Immunology, 2006, 117, 1090-1097.	2.9	78
51	Induction of IL-6 and inhibition of IL-8 secretion in the human airway cell line Calu-3 by urban particulate matter collected with a modified method of PM sampling. Environmental Research, 2009, 109, 528-535.	7.5	78
52	Development of a physiologically based kinetic model for 99m-Technetium-labelled carbon nanoparticles inhaled by humans. Inhalation Toxicology, 2009, 21, 1099-1107.	1.6	75
53	Nanosilver: Safety, health and environmental effects and role in antimicrobial resistance. Materials Today, 2015, 18, 122-123.	14.2	74
54	The puzzling issue of silica toxicity: are silanols bridging the gaps between surface states and pathogenicity?. Particle and Fibre Toxicology, 2019, 16, 32.	6.2	72

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55	Toxicity of Nanoparticles Embedded in Paints Compared with Pristine Nanoparticles in Mice. Toxicological Sciences, 2014, 141, 132-140.	3.1	70
56	Increased Granzyme A Expression in Type II Pneumocytes of Patients with Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 464-472.	5.6	69
57	Lung distribution, quantification, co-localization and speciation of silver nanoparticles after lung exposure in mice. Toxicology Letters, 2015, 238, 1-6.	0.8	69
58	Immunological determinants of ventilatory changes induced in mice by dermal sensitization and respiratory challenge with toluene diisocyanate. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L207-L214.	2.9	68
59	Nanoparticle release from dental composites. Acta Biomaterialia, 2014, 10, 365-374.	8.3	68
60	Agglomeration of titanium dioxide nanoparticles increases toxicological responses in vitro and in vivo. Particle and Fibre Toxicology, 2020, 17, 10.	6.2	66
61	In vivo genotoxicity of hard metal dust: induction of micronuclei in rat type II epithelial lung cells. Carcinogenesis, 2003, 24, 1793-1800.	2.8	65
62	Acetaminophen decreases intracellular glutathione levels and modulates cytokine production in human alveolar macrophages and type II pneumocytes in vitro. International Journal of Biochemistry and Cell Biology, 2005, 37, 1727-1737.	2.8	65
63	Traffic Air Pollution and Oxidized LDL. PLoS ONE, 2011, 6, e16200.	2.5	65
64	Assay conditions can influence the outcome of cytotoxicity tests of nanomaterials: Better assay characterization is needed to compare studies. Toxicology in Vitro, 2010, 24, 620-629.	2.4	64
65	What's new in nanotoxicology? Implications for public health from a brief review of the 2008 literature. Nanotoxicology, 2010, 4, 1-14.	3.0	64
66	Oxidative Stress Induced by Pure and Iron-Doped Amorphous Silica Nanoparticles in Subtoxic Conditions. Chemical Research in Toxicology, 2012, 25, 828-837.	3.3	64
67	Silica Particles Enhance Peripheral Thrombosis. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 872-879.	5.6	62
68	Is aggregated synthetic amorphous silica toxicologically relevant?. Particle and Fibre Toxicology, 2020, 17, 1.	6.2	62
69	Monomer elution in relation to degree of conversion for different types of composite. Journal of Dentistry, 2015, 43, 1448-1455.	4.1	60
70	Global Methylation and Hydroxymethylation in DNA from Blood and Saliva in Healthy Volunteers. BioMed Research International, 2015, 2015, 1-8.	1.9	58
71	A cross-sectional study of changes in markers of immunological effects and lung health due to exposure to multi-walled carbon nanotubes. Nanotoxicology, 2017, 11, 395-404.	3.0	58
72	Choice of Mouse Strain Influences the Outcome in a Mouse Model of Chemical-Induced Asthma. PLoS ONE, 2010, 5, e12581.	2.5	58

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73	Decreased Mitochondrial DNA Content in Association with Exposure to Polycyclic Aromatic Hydrocarbons in House Dust during Wintertime: From a Population Enquiry to Cell Culture. PLoS ONE, 2013, 8, e63208.	2.5	57
74	Differences in MWCNT- and SWCNT-induced DNA methylation alterations in association with the nuclear deposition. Particle and Fibre Toxicology, 2018, 15, 11.	6.2	57
75	Epigenetic Factors in Cancer Risk: Effect of Chemical Carcinogens on Global DNA Methylation Pattern in Human TK6 Cells. PLoS ONE, 2012, 7, e34674.	2.5	57
76	Putrescine and paraquat uptake in human lung slices and isolated type II pneumocytes. Biochemical Pharmacology, 1994, 48, 517-524.	4.4	55
77	Cytokine production by co-cultures exposed to monodisperse amorphous silica nanoparticles: The role of size and surface area. Toxicology Letters, 2012, 211, 98-104.	0.8	51
78	Use of Zebrafish Larvae as a Multi-Endpoint Platform to Characterize the Toxicity Profile of Silica Nanoparticles. Scientific Reports, 2016, 6, 37145.	3.3	50
79	Reassessment of the acrylamide risk: Belgium as a case-study. Food Control, 2016, 59, 628-635.	5.5	49
80	Should we be concerned about composite (nano-)dust?. Dental Materials, 2012, 28, 1162-1170.	3.5	48
81	Changes in DNA Methylation in Mouse Lungs after a Single Intra-Tracheal Administration of Nanomaterials. PLoS ONE, 2017, 12, e0169886.	2.5	47
82	Epigenetic effects of carbon nanotubes in human monocytic cells. Mutagenesis, 2017, 32, 181-191.	2.6	46
83	Polyanions Protect against the in Vitro Pulmonary Toxicity of Polycationic Paint Components Associated with the Ardystil Syndrome. Toxicology and Applied Pharmacology, 2001, 175, 184-190.	2.8	44
84	Paracetamol (acetaminophen) cytotoxicity in rat type II pneumocytes and alveolar macrophages In Vitro. Biochemical Pharmacology, 2000, 59, 1467-1475.	4.4	43
85	Eco-, geno- and human toxicology of bio-active nanoparticles for biomedical applications. Toxicology, 2010, 269, 170-181.	4.2	43
86	Negative impact of occupational exposure on surgical outcome in patients with rhinosinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 560-565.	5.7	43
87	Genotoxicity of engineered nanoparticles in higher plants. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 842, 132-145.	1.7	43
88	Acute and chronic exposure to air pollution in relation with incidence, prevalence, severity and mortality of COVID-19: a rapid systematic review. Environmental Health, 2021, 20, 41.	4.0	43
89	Changes in DNA methylation induced by multi-walled carbon nanotube exposure in the workplace. Nanotoxicology, 2017, 11, 1195-1210.	3.0	41
90	How long do the systemic and ventilatory responses to toluene diisocyanate persist inÂdermally sensitized mice?. Journal of Allergy and Clinical Immunology, 2008, 121, 456-463.e5.	2.9	40

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91	Occupational Exposure to Multi-Walled Carbon Nanotubes During Commercial Production Synthesis and Handling. Annals of Occupational Hygiene, 2016, 60, 305-317.	1.9	40
92	Do Nanomedicines Require Novel Safety Assessments to Ensure their Safety for Long-Term Human Use?. Drug Safety, 2009, 32, 625-636.	3.2	39
93	In vitro cytotoxicity of textile paint components linked to the "Ardystil syndrome". Toxicological Sciences, 1999, 52, 209-216.	3.1	37
94	Validity of Methods to Predict the Respiratory Sensitizing Potential of Chemicals: A Study with a Piperidinyl Chlorotriazine Derivative That Caused an Outbreak of Occupational Asthma. Toxicological Sciences, 2003, 76, 338-346.	3.1	37
95	Neuro-immune interactions in chemical-induced airway hyperreactivity. European Respiratory Journal, 2016, 48, 380-392.	6.7	37
96	Amorphous Silica Nanoparticles Promote Monocyte Adhesion to Human Endothelial Cells: Sizeâ€Ðependent Effect. Small, 2013, 9, 430-438.	10.0	36
97	Cardiovascular effects among workers exposed to multiwalled carbon nanotubes. Occupational and Environmental Medicine, 2018, 75, 351-358.	2.8	36
98	Pulmonary toxicity of polyvinyl chloride particles after a single intratracheal instillation in rats. Time course and comparison with silica. Toxicology and Applied Pharmacology, 2004, 194, 111-121.	2.8	35
99	Ammonium persulfate can initiate an asthmatic response in mice. Thorax, 2010, 65, 252-257.	5.6	35
100	The safety of the use of bisphenol A in medical devices. Regulatory Toxicology and Pharmacology, 2016, 79, 106-107.	2.7	35
101	Cyto-genotoxic and DNA methylation changes induced by different crystal phases of TiO 2 -np in bronchial epithelial (16-HBE) cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 796, 1-12.	1.0	35
102	Role of Residual Additives in the Cytotoxicity and Cytokine Release Caused by Polyvinyl Chloride Particles in Pulmonary Cell Cultures. Toxicological Sciences, 2003, 72, 92-102.	3.1	34
103	Pulmonary and hemostatic toxicity of multi-walled carbon nanotubes and zinc oxide nanoparticles after pulmonary exposure in Bmal1 knockout mice. Particle and Fibre Toxicology, 2014, 11, 61.	6.2	34
104	In Vitro Cytotoxicity of Various Forms of Cobalt for Rat Alveolar Macrophages and Type II Pneumocytes. Toxicology and Applied Pharmacology, 2000, 162, 2-9.	2.8	32
105	Concentrations of domestic mite and pet allergens and endotoxin in Palestine. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 623-631.	5.7	32
106	Investigation of the cytotoxicity of nanozeolites A and Y. Nanotoxicology, 2012, 6, 472-485.	3.0	30
107	Induction and recovery of CpG site specific methylation changes in human bronchial cells after long-term exposure to carbon nanotubes and asbestos. Environment International, 2020, 137, 105530.	10.0	30
108	Thrombogenic changes in young and old mice upon subchronic exposure to air pollution in an urban roadside tunnel. Thrombosis and Haemostasis, 2012, 108, 756-768.	3.4	29

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109	A coculture model of the lungâ€“blood barrier: The role of activated phagocytic cells. Toxicology in Vitro, 2015, 29, 234-241.	2.4	29
110	Toluene diisocyanate and methylene diphenyl diisocyanate: asthmatic response and cross-reactivity in a mouse model. Archives of Toxicology, 2016, 90, 1709-1717.	4.2	29
111	Carbon Nanotube- and Asbestos-Induced DNA and RNA Methylation Changes in Bronchial Epithelial Cells. Chemical Research in Toxicology, 2019, 32, 850-860.	3.3	28
112	Risk Governance of Emerging Technologies Demonstrated in Terms of its Applicability to Nanomaterials. Small, 2020, 16, e2003303.	10.0	28
113	Assessment of the sensitization potential of persulfate salts used for bleaching hair. Contact Dermatitis, 2009, 60, 85-90.	1.4	27
114	Toxicity of nanoparticles embedded in paints compared to pristine nanoparticles, in vitro study. Toxicology Letters, 2015, 232, 333-339.	0.8	27
115	Death and cell cycle progression are differently conditioned by the AgNP size in osteoblast-like cells. Toxicology, 2016, 368-369, 103-115.	4.2	27
116	Pulmonary inflammation in mice with collagenâ€induced arthritis is conditioned by complete <scp>F</scp>reund's adjuvant and regulated by endogenous <scp>IFN</scp>â€³. European Journal of Immunology, 2012, 42, 3223-3234.	2.9	26
117	Release of monomers from composite dust. Journal of Dentistry, 2017, 60, 56-62.	4.1	25
118	Nano-TiO₂modulates the dermal sensitization potency of dinitrochlorobenzene after topical exposure. British Journal of Dermatology, 2015, 172, 392-399.	1.5	24
119	Methylisothiazolinone: Dermal and respiratory immune responses in mice. Toxicology Letters, 2015, 235, 179-188.	0.8	24
120	Silica nanoparticles inhibit the cation channel TRPV4 in airway epithelial cells. Particle and Fibre Toxicology, 2017, 14, 43.	6.2	24
121	Temporal variability of global DNA methylation and hydroxymethylation in buccal cells of healthy adults: Association with air pollution. Environment International, 2018, 111, 301-308.	10.0	24
122	Exposure to Polycyclic Aromatic Hydrocarbons Leads to Non-monotonic Modulation of DNA and RNA (hydroxy)methylation in a Rat Model. Scientific Reports, 2018, 8, 10577.	3.3	24
123	B-lymphocytes as Key Players in Chemical-Induced Asthma. PLoS ONE, 2013, 8, e83228.	2.5	24
124	Neutrophil and Eosinophil Granulocytes as Key Players in a Mouse Model of Chemical-Induced Asthma. Toxicological Sciences, 2013, 131, 406-418.	3.1	23
125	In vitro translocation of quantum dots and influence of oxidative stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L903-L911.	2.9	22
126	Multiple challenges in a mouse model of chemical-induced asthma lead to tolerance: Ventilatory and inflammatory responses are blunted, immunologic humoral responses are not. Toxicology, 2009, 257, 144-152.	4.2	22

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127	Nano-titanium dioxide modulates the dermal sensitization potency of DNCB. Particle and Fibre Toxicology, 2012, 9, 15.	6.2	22
128	IN VITRO TOXICITY ASSESSMENT OF POLYVINYL CHLORIDE PARTICLES AND COMPARISON OF SIX CELLULAR SYSTEMS. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2002, 65, 1141-1159.	2.3	21
129	Macrolide Therapy Targets a Specific Phenotype in Respiratory Medicine: From Clinical Experience to Basic Science and Back. Inflammation and Allergy: Drug Targets, 2008, 7, 279-287.	1.8	21
130	Immunological Determinants in a Mouse Model of Chemicalâ€Induced Asthma After Multiple Exposures. Scandinavian Journal of Immunology, 2009, 70, 25-33.	2.7	21
131	Opinion of the Scientific Committee on Consumer Safety (SCCS) â€“ Revision of the opinion on the safety of the use of Silica, Hydrated Silica, and Silica Surface Modified with Alkyl Silylates (nano) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	21
132	Single-walled and multi-walled carbon nanotubes induce sequence-specific epigenetic alterations in 16 HBE cells. Oncotarget, 2018, 9, 20351-20365.	1.8	21
133	Kinetics and cellular localisation of putrescine uptake in human lung tissue.. Thorax, 1993, 48, 1235-1241.	5.6	20
134	Optimisation of culture conditions to develop an in vitro pulmonary permeability model. Toxicology in Vitro, 2007, 21, 1215-1219.	2.4	20
135	Intracellular oxidative stress caused by nanoparticles: What do we measure with the dichlorofluorescein assay?. Nano Today, 2013, 8, 223-227.	11.9	20
136	Translocation of Ultrafine Particles. Environmental Health Perspectives, 2006, 114, A211-2; author reply A212-3.	6.0	19
137	Cytotoxic effects of composite dust on human bronchial epithelial cells. Dental Materials, 2016, 32, 1482-1491.	3.5	19
138	Interaction of rat alveolar macrophages with dental composite dust. Particle and Fibre Toxicology, 2016, 13, 62.	6.2	19
139	Dependence of Gold Nanoparticle Radiosensitization on Functionalizing Layer Thickness. Radiation Research, 2016, 185, 384-392.	1.5	19
140	Activation of the hexose monophosphate shunt in rat type II pneumocytes as an early marker of oxidative stress caused by cobalt particles. Archives of Toxicology, 2002, 76, 1-7.	4.2	18
141	In vitro Toxicity of Cobalt and Hard Metal Dust in Rat and Human Type II Pneumocytes. Basic and Clinical Pharmacology and Toxicology, 1997, 81, 74-80.	0.0	17
142	Body distribution of SiO₂â€“Fe₃O₄core-shell nanoparticles after intravenous injection and intratracheal instillation. Nanotoxicology, 2016, 10, 567-574.	3.0	17
143	Irritant-induced asthma to hypochlorite in mice due to impairment of the airway barrier. Archives of Toxicology, 2018, 92, 1551-1561.	4.2	17
144	Synthesis, characterization and toxicity assessment of a new polymeric nanoparticle, l-glutamic acid-g-p(HEMA). Chemico-Biological Interactions, 2020, 315, 108870.	4.0	17

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145	Longitudinal micro-computed tomography-derived biomarkers quantify non-resolving lung fibrosis in a silicosis mouse model. Scientific Reports, 2020, 10, 16181.	3.3	17
146	Skin Exposure Contributes to Chemical-Induced Asthma: What is the Evidence? A Systematic Review of Animal Models. Allergy, Asthma and Immunology Research, 2020, 12, 579.	2.9	17
147	3.9. Toxicokinetics and Metabolism. ATLA Alternatives To Laboratory Animals, 2005, 33, 147-175.	1.0	16
148	What's new in Nanotoxicology? Brief review of the 2007 literature. Nanotoxicology, 2008, 2, 171-182.	3.0	16
149	Prior Lung Inflammation Impacts on Body Distribution of Gold Nanoparticles. BioMed Research International, 2013, 2013, 1-6.	1.9	16
150	Impact of lung surfactant on wettability and cytotoxicity of nanoparticles. RSC Advances, 2014, 4, 20573-20581.	3.6	16
151	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. Nanotoxicology, 2016, 10, 1395-1403.	3.0	16
152	Effects of oxygen pressure and medium volume on the toxicity of paraquat in rat and human type II pneumocytes. Human and Experimental Toxicology, 1997, 16, 305-310.	2.2	15
153	Pulmonary toxicity of polyvinyl chloride particles after repeated intratracheal instillations in rats. Elevated CD4/CD8 lymphocyte ratio in bronchoalveolar lavage. Toxicology and Applied Pharmacology, 2004, 194, 122-131.	2.8	15
154	Childhood Asthma and Indoor Aeroallergens and Endotoxin in Palestine: A Case-Control Study. Journal of Asthma, 2006, 43, 241-247.	1.7	15
155	Lung cancer mortality and fine particulate air pollution in Europe. International Journal of Cancer, 2007, 120, 1825-1826.	5.1	15
156	Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. Toxicology Letters, 2011, 204, 101-107.	0.8	15
157	Effect of Chemical Mutagens and Carcinogens on Gene Expression Profiles in Human TK6 Cells. PLoS ONE, 2012, 7, e39205.	2.5	15
158	Biomarker discovery in asthma and COPD: Application of proteomics techniques in human and mice. EuPA Open Proteomics, 2014, 4, 101-112.	2.5	15
159	CompNanoTox2015: novel perspectives from a European conference on computational nanotoxicology on predictive nanotoxicology. Nanotoxicology, 2017, 11, 839-845.	3.0	15
160	Distinct autophagy-apoptosis related pathways activated by Multi-walled (NM 400) and Single-walled carbon nanotubes (NIST-SRM2483) in human bronchial epithelial (16HBE14o-) cells. Journal of Hazardous Materials, 2020, 387, 121691.	12.4	15
161	Associations between occupational and environmental exposures and organ involvement in sarcoidosis: a retrospective case-case analysis. Respiratory Research, 2021, 22, 224.	3.6	15
162	LiCoO2 particles used in Li-ion batteries induce primary mutagenicity in lung cells via their capacity to generate hydroxyl radicals. Particle and Fibre Toxicology, 2020, 17, 6.	6.2	15

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163	Respiratory function and bronchial responsiveness among industrial workers exposed to different classes of occupational agents: a study from Algeria. Journal of Occupational Medicine and Toxicology, 2007, 2, 11.	2.2	14
164	Proteome Analysis of Multiple Compartments in a Mouse Model of Chemical-Induced Asthma. Journal of Proteome Research, 2010, 9, 5868-5876.	3.7	14
165	Saturation reduces in-vitro leakage of monomers from composites. Dental Materials, 2018, 34, 579-586.	3.5	14
166	Differential pulmonary in vitro toxicity of two small-sized polyvinylpyrrolidone-coated silver nanoparticles. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 675-690.	2.3	14
167	Assessment of Changes in Global DNA Methylation Levels by PyrosequencingÂ® of Repetitive Elements. Methods in Molecular Biology, 2015, 1315, 201-207.	0.9	13
168	Nanoparticles in the lungs of old mice: Pulmonary inflammation and oxidative stress without procoagulant effects. Science of the Total Environment, 2018, 644, 907-915.	8.0	13
169	Cytotoxic and genotoxic potential of respirable fraction of composite dust on human bronchial cells. Dental Materials, 2020, 36, 270-283.	3.5	13
170	A comparative study of the isolation of type II epithelial cells from rat, hamster, pig and human lung tissue. Cytotechnology, 1999, 21, 31-38.	0.7	12
171	Is Toluene Diamine a Sensitizer and is there Cross-Reactivity between Toluene Diamine and Toluene Diisocyanate?. Toxicological Sciences, 2009, 109, 256-264.	3.1	12
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173	The effect of water spray on the release of composite nano-dust. Clinical Oral Investigations, 2020, 24, 2403-2414.	3.0	12
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