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	Exposure to silicates and systemic autoimmune-related outcomes in rodents: a systematic review. Particle and Fibre Toxicology, 2022, 19, 4.	6.2	7
2	Assessment of Experimental Techniques That Facilitate Human Granuloma Formation in an In Vitro System: A Systematic Review. Cells, 2022, 11, 864.	4.1	3
3	Neurotoxicity of four frequently used nanoparticles: a systematic review to reveal the missing data. Archives of Toxicology, 2022, 96, 1141-1212.	4.2	8
4	Outbreak of Silicosis in Workers Producing Artificial Stone Skirting Boards. Chest, 2022, 162, 406-409.	0.8	2
5	Identifying cleaning products associated with short-term work-related respiratory symptoms: A workforce-based study in domestic cleaners. Environment International, 2022, 162, 107170.	10.0	4
6	Epigenetic Mechanisms in Understanding Nanomaterial-Induced Toxicity. Advances in Experimental Medicine and Biology, 2022, 1357, 195-223.	1.6	4
7	Impact of Particle Size on Toxicity, Tissue Distribution and Excretion Kinetics of Subchronic Intratracheal Instilled Silver Nanoparticles in Mice. Toxics, 2022, 10, 260.	3.7	9
8	Occupational Asthma Caused by Low-Molecular-Weight Chemicals Associated With Contact Dermatitis: A Retrospective Study. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 2346-2354.e4.	3.8	9
9	Position paper on the use of an â€œestimated acceptable concentrationâ€•(EAC) as basis for a control policy's action level for carcinogens unintentionally present in food. Trends in Food Science and Technology, 2021, 107, 324-332.	15.1	1
10	Biodistribution and pulmonary metabolic effects of silver nanoparticles in mice following acute intratracheal instillations. Environmental Science and Pollution Research, 2021, 28, 2301-2314.	5.3	12
11	A strategy towards the generation of testable adverse outcome pathways for nanomaterials. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 580-594.	1.5	9
12	Involvement of Innate Lymphoid Cells and Dendritic Cells in a Mouse Model of Chemical-induced Asthma. Allergy, Asthma and Immunology Research, 2021, 13, 295.	2.9	3
13	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
14	Effect of Graphene and Graphene Oxide on Airway Barrier and Differential Phosphorylation of Proteins in Tight and Adherens Junction Pathways. Nanomaterials, 2021, 11, 1283.	4.1	6
15	Assessing the Toxicological Relevance of Nanomaterial Agglomerates and Aggregates Using Realistic Exposure In Vitro. Nanomaterials, 2021, 11, 1793.	4.1	7
16	Associations between occupational and environmental exposures and organ involvement in sarcoidosis: a retrospective case-case analysis. Respiratory Research, 2021, 22, 224.	3.6	15
17	A rapid test for the environmental detection of pigeon antigen. Science of the Total Environment, 2021, 788, 147789.	8.0	2
18	Identifying nanodescriptors to predict the toxicity of nanomaterials: a case study on titanium dioxide. Environmental Science: Nano, 2021, 8, 580-590.	4.3	4

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19	Associations between occupational and environmental exposures and organ involvement in sarcoidosis: a retrospective case-case analysis. , 2021, , .		1
20	Agglomeration State of Titanium-Dioxide (TiO2) Nanomaterials Influences the Dose Deposition and Cytotoxic Responses in Human Bronchial Epithelial Cells at the Air-Liquid Interface. Nanomaterials, 2021, 11, 3226.	4.1	11
21	The Parental Pesticide and Offspringâ€™s Epigenome Study: Towards an Integrated Use of Human Biomonitoring of Exposure and Effect Biomarkers. Toxics, 2021, 9, 332.	3.7	1
22	Advice to the European Commission as Regards Type and Criteria for Comprehensive Studies to Be Requested From Manufacturers: The Opinion of the Scientific Committee on Health, Environmental, and Emerging Risks (SCHEER). Nicotine and Tobacco Research, 2020, 22, 613-618.	2.6	2
23	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
24	Is aggregated synthetic amorphous silica toxicologically relevant?. Particle and Fibre Toxicology, 2020, 17, 1.	6.2	62
25	The effect of water spray on the release of composite nano-dust. Clinical Oral Investigations, 2020, 24, 2403-2414.	3.0	12
26	Cytotoxic and genotoxic potential of respirable fraction of composite dust on human bronchial cells. Dental Materials, 2020, 36, 270-283.	3.5	13
27	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
28	Longitudinal micro-computed tomography-derived biomarkers quantify non-resolving lung fibrosis in a silicosis mouse model. Scientific Reports, 2020, 10, 16181.	3.3	17
29	A novel TEM grid sampler for airborne particles to measure the cell culture surface dose. Scientific Reports, 2020, 10, 8401.	3.3	5
30	Risk Governance of Emerging Technologies Demonstrated in Terms of its Applicability to Nanomaterials. Small, 2020, 16, e2003303.	10.0	28
31	Cobalt exposure via skin alters lung immune cells and enhances pulmonary responses to cobalt in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L641-L651.	2.9	5
32	Contribution of mast cells in irritant-induced airway epithelial barrier impairment in vitro. Toxicology and Industrial Health, 2020, 36, 823-834.	1.4	9
33	Filtration efficiency of surgical and FFP3 masks against composite dust. European Journal of Oral Sciences, 2020, 128, 233-240.	1.5	11
34	Agglomeration of titanium dioxide nanoparticles increases toxicological responses in vitro and in vivo. Particle and Fibre Toxicology, 2020, 17, 10.	6.2	66
35	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
36	Increased telomere length and mtDNA copy number induced by multi-walled carbon nanotube exposure in the workplace. Journal of Hazardous Materials, 2020, 394, 122569.	12.4	10

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37	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
38	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
39	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
40	Granulomatous lung disease in two workers making light bulbs. American Journal of Industrial Medicine, 2019, 62, 908-913.	2.1	10
41	Dermal exposure determines the outcome of repeated airway exposure in a long-term chemical-induced asthma-like mouse model. Toxicology, 2019, 421, 84-92.	4.2	11
42	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
43	Genotoxicity of engineered nanoparticles in higher plants. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 842, 132-145.	1.7	43
44	Longitudinal micro-CT-derived biomarkers: the new standard readouts for preclinical evaluation of pulmonary fibrosis and therapy. , 2019, , .		1
45	The Micronucleus Assay as a Cytogenetic Biomarker of Ethylene Oxide Exposure. Issues in Toxicology, 2019, , 583-600.	0.1	0
46	The role of the innate immune system in a mouse model of chemical-induced asthma. , 2019, , .		0
47	Low-molecular weight agents inducing airway sensitization via skin exposure: a systematic review of experimental models. , 2019, , .		0
48	Cobalt chloride can induce a respiratory immune response after dermal exposure in a mouse model. , 2019, , .		0
49	Global and gene-specific DNA methylation effects of different asbestos fibres on human bronchial epithelial cells. Environment International, 2018, 115, 301-311.	10.0	10
50	Saturation reduces in-vitro leakage of monomers from composites. Dental Materials, 2018, 34, 579-586.	3.5	14
51	Cardiovascular effects among workers exposed to multiwalled carbon nanotubes. Occupational and Environmental Medicine, 2018, 75, 351-358.	2.8	36
52	Irritant-induced asthma to hypochlorite in mice due to impairment of the airway barrier. Archives of Toxicology, 2018, 92, 1551-1561.	4.2	17
53	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
54	Recommendations to the European Commission implementing a priority list of additives that should have more stringent reporting requirements: the opinion of the Scientific Committee on Emerging and Newly Identified Health Risks (SCENIHR). Tobacco Control, 2018, 27, 225-228.	3.2	7

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55	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
56	1086â€...The association between occupational asthma and skin sensitisation to low-molecular weight agents: a systematic review. , 2018, , .		0
57	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
58	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
59	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
60	Single-walled and multi-walled carbon nanotubes induce sequence-specific epigenetic alterations in 16 HBE cells. Oncotarget, 2018, 9, 20351-20365.	1.8	21
61	Interleukin-1Î± induced release of interleukin-8 by human bronchial epithelial cellsin vitro: assessing mechanisms and possible treatment options. Transplant International, 2017, 30, 388-397.	1.6	7
62	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
63	Release of monomers from composite dust. Journal of Dentistry, 2017, 60, 56-62.	4.1	25
64	Case Study III: The Construction of a Nanotoxicity Database â€“ The MOD-ENP-TOX Experience. Advances in Experimental Medicine and Biology, 2017, 947, 325-344.	1.6	2
65	The Effect of Immunosuppression on Airway Integrity. Transplantation, 2017, 101, 2855-2861.	1.0	5
66	Toxicology of silica nanoparticles: an update. Archives of Toxicology, 2017, 91, 2967-3010.	4.2	362
67	Silica Nanoparticles Induce Calcium-Permeable Pores in Plasma Membranes. Biophysical Journal, 2017, 112, 415a-416a.	0.5	0
68	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
69	Epigenetic effects of carbon nanotubes in human monocytic cells. Mutagenesis, 2017, 32, 181-191.	2.6	46
70	TRPV4 activation triggers protective responses to bacterial lipopolysaccharides in airway epithelial cells. Nature Communications, 2017, 8, 1059.	12.8	86
71	CompNanoTox2015: novel perspectives from a European conference on computational nanotoxicology on predictive nanotoxicology. Nanotoxicology, 2017, 11, 839-845.	3.0	15
72	Changes in DNA methylation induced by multi-walled carbon nanotube exposure in the workplace. Nanotoxicology, 2017, 11, 1195-1210.	3.0	41

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73	Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. Respiratory Research, 2017, 18, 123.	3.6	89
74	Silica nanoparticles inhibit the cation channel TRPV4 in airway epithelial cells. Particle and Fibre Toxicology, 2017, 14, 43.	6.2	24
75	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. Environmental Health Perspectives, 2017, 125, 106002.	6.0	274
76	Changes in DNA Methylation in Mouse Lungs after a Single Intra-Tracheal Administration of Nanomaterials. PLoS ONE, 2017, 12, e0169886.	2.5	47
77	IL-13 is a central mediator of chemical-induced airway hyperreactivity in mice. PLoS ONE, 2017, 12, e0180690.	2.5	10
78	O18-1â€...Epigenetic effects of occupational exposure to carbon nanotubes. , 2016, , .		0
79	How should the completeness and quality of curated nanomaterial data be evaluated?. Nanoscale, 2016, 8, 9919-9943.	5.6	86
80	Neuro-immune interactions in chemical-induced airway hyperreactivity. European Respiratory Journal, 2016, 48, 380-392.	6.7	37
81	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
82	Cytotoxic effects of composite dust on human bronchial epithelial cells. Dental Materials, 2016, 32, 1482-1491.	3.5	19
83	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. Nanotoxicology, 2016, 10, 1395-1403.	3.0	16
84	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
85	Interaction of rat alveolar macrophages with dental composite dust. Particle and Fibre Toxicology, 2016, 13, 62.	6.2	19
86	The safety of the use of bisphenol A in medical devices. Regulatory Toxicology and Pharmacology, 2016, 79, 106-107.	2.7	35
87	Body distribution of SiO₂â€“Fe₃O₄core-shell nanoparticles after intravenous injection and intratracheal instillation. Nanotoxicology, 2016, 10, 567-574.	3.0	17
88	Dependence of Gold Nanoparticle Radiosensitization on Functionalizing Layer Thickness. Radiation Research, 2016, 185, 384-392.	1.5	19
89	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
90	Occupational Exposure to Multi-Walled Carbon Nanotubes During Commercial Production Synthesis and Handling. Annals of Occupational Hygiene, 2016, 60, 305-317.	1.9	40

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91	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
92	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
93	Reassessment of the acrylamide risk: Belgium as a case-study. Food Control, 2016, 59, 628-635.	5.5	49
94	DNA methylation changes in workers occupational exposed to carbon nanotubes. , 2016, , .		2
95	Lung function measurements in mouse models of lung disease: What to expect from FEV0.1?. , 2016, , .		1
96	Scientific Basis for Regulatory Decision-Making of Nanomaterials Report on the Workshop, 20â€“21 January 2014, Center of Applied Ecotoxicology, DÃ¼bendorf. Chimia, 2015, 69, 52.	0.6	4
97	Global Methylation and Hydroxymethylation in DNA from Blood and Saliva in Healthy Volunteers. BioMed Research International, 2015, 2015, 1-8.	1.9	58
98	Monomer elution in relation to degree of conversion for different types of composite. Journal of Dentistry, 2015, 43, 1448-1455.	4.1	60
99	Nano-TiO₂modulates the dermal sensitization potency of dinitrochlorobenzene after topical exposure. British Journal of Dermatology, 2015, 172, 392-399.	1.5	24
100	Lung distribution, quantification, co-localization and speciation of silver nanoparticles after lung exposure in mice. Toxicology Letters, 2015, 238, 1-6.	0.8	69
101	Methylisothiazolinone: Dermal and respiratory immune responses in mice. Toxicology Letters, 2015, 235, 179-188.	0.8	24
102	Nanosilver: Safety, health and environmental effects and role in antimicrobial resistance. Materials Today, 2015, 18, 122-123.	14.2	74
103	Assessment of Changes in Global DNA Methylation Levels by PyrosequencingÂ® of Repetitive Elements. Methods in Molecular Biology, 2015, 1315, 201-207.	0.9	13
104	Humidifier Disinfectantâ€“associated Interstitial Lung Disease and the Ardystil Syndrome. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 116-117.	5.6	12
105	Toxicity of nanoparticles embedded in paints compared to pristine nanoparticles, in vitro study. Toxicology Letters, 2015, 232, 333-339.	0.8	27
106	A coculture model of the lungâ€“blood barrier: The role of activated phagocytic cells. Toxicology in Vitro, 2015, 29, 234-241.	2.4	29
107	IL-13 in a mouse model of chemical-induced airway hyperresponsiveness. , 2015, , .		0
108	Proteomic Alterations in B Lymphocytes of Sensitized Mice in a Model of Chemical-Induced Asthma. PLoS ONE, 2015, 10, e0138791.	2.5	1

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109	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
110	Nanoparticle release from dental composites. Acta Biomaterialia, 2014, 10, 365-374.	8.3	68
111	Impact of lung surfactant on wettability and cytotoxicity of nanoparticles. RSC Advances, 2014, 4, 20573-20581.	3.6	16
112	Toxicity of Nanoparticles Embedded in Paints Compared with Pristine Nanoparticles in Mice. Toxicological Sciences, 2014, 141, 132-140.	3.1	70
113	Biomarker discovery in asthma and COPD: Application of proteomics techniques in human and mice. EuPA Open Proteomics, 2014, 4, 101-112.	2.5	15
114	The role of mast cells, interleukinâ€13 and transient receptor potential channels in a mouse model of chemicalâ€induced airway hyperresponsiveness. Clinical and Translational Allergy, 2013, 3, P31.	3.2	0
115	Intracellular oxidative stress caused by nanoparticles: What do we measure with the dichlorofluorescein assay?. Nano Today, 2013, 8, 223-227.	11.9	20
116	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
117	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
118	Amorphous Silica Nanoparticles Promote Monocyte Adhesion to Human Endothelial Cells: Sizeâ€Dependent Effect. Small, 2013, 9, 430-438.	10.0	36
119	Neutrophil and Eosinophil Granulocytes as Key Players in a Mouse Model of Chemical-Induced Asthma. Toxicological Sciences, 2013, 131, 406-418.	3.1	23
120	Prior Lung Inflammation Impacts on Body Distribution of Gold Nanoparticles. BioMed Research International, 2013, 2013, 1-6.	1.9	16
121	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
122	B-lymphocytes as Key Players in Chemical-Induced Asthma. PLoS ONE, 2013, 8, e83228.	2.5	24
123	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€γ. European Journal of Immunology, 2012, 42, 3223-3234.	2.9	26
124	Proteome changes in auricular lymph nodes and serum after dermal sensitization to toluene diisocyanate in mice. Proteomics, 2012, 12, 3548-3558.	2.2	9
125	Letter to the Editor Regarding the Article by Wittmaack. Chemical Research in Toxicology, 2012, 25, 4-6.	3.3	3
126	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

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127	Should we be concerned about composite (nano-)dust?. Dental Materials, 2012, 28, 1162-1170.	3.5	48
128	Nano-titanium dioxide modulates the dermal sensitization potency of DNCB. Particle and Fibre Toxicology, 2012, 9, 15.	6.2	22
129	Contamination of nanoparticles by endotoxin: evaluation of different test methods. Particle and Fibre Toxicology, 2012, 9, 41.	6.2	109
130	Investigation of the cytotoxicity of nanozeolites A and Y. Nanotoxicology, 2012, 6, 472-485.	3.0	30
131	Effect of Chemical Mutagens and Carcinogens on Gene Expression Profiles in Human TK6 Cells. PLoS ONE, 2012, 7, e39205.	2.5	15
132	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
133	Interactions of nanomaterials with the immune system. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 169-183.	6.1	104
134	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
135	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
136	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
137	Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. Toxicology Letters, 2011, 204, 101-107.	0.8	15
138	How much do resin-based dental materials release? A meta-analytical approach. Dental Materials, 2011, 27, 723-747.	3.5	345
139	Successful transfer of chemical-induced asthma by adoptive transfer of low amounts of lymphocytes in a mouse model. Toxicology, 2011, 279, 85-90.	4.2	11
140	Lung exposure to nanoparticles modulates an asthmatic response in a mouse model. European Respiratory Journal, 2011, 37, 299-309.	6.7	143
141	The impact of traffic air pollution on bronchiolitis obliterans syndrome and mortality after lung transplantation. Thorax, 2011, 66, 748-754.	5.6	85
142	Traffic Air Pollution and Oxidized LDL. PLoS ONE, 2011, 6, e16200.	2.5	65
143	Eco-, geno- and human toxicology of bio-active nanoparticles for biomedical applications. Toxicology, 2010, 269, 170-181.	4.2	43
144	The nanosilica hazard: another variable entity. Particle and Fibre Toxicology, 2010, 7, 39.	6.2	636

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145	Ammonium persulfate can initiate an asthmatic response in mice. Thorax, 2010, 65, 252-257.	5.6	35
146	Air Pollutionâ€“Related Prothrombotic Changes in Persons with Diabetes. Environmental Health Perspectives, 2010, 118, 191-196.	6.0	109
147	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
148	273: The Impact of Air Pollution on Bronchiolitis Obliterans Syndrome and Mortality after Lung Transplantation. Journal of Heart and Lung Transplantation, 2010, 29, S92-S93.	0.6	0
149	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
150	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
151	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
152	Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for in Vitro Cytotoxicity Testing. Langmuir, 2010, 26, 328-335.	3.5	137
153	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
154	Proteome Analysis of Multiple Compartments in a Mouse Model of Chemical-Induced Asthma. Journal of Proteome Research, 2010, 9, 5868-5876.	3.7	14
155	Choice of Mouse Strain Influences the Outcome in a Mouse Model of Chemical-Induced Asthma. PLoS ONE, 2010, 5, e12581.	2.5	58
156	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
157	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
158	Oropharyngeal aspiration: An alternative route for challenging in a mouse model of chemical-induced asthma. Toxicology, 2009, 259, 84-89.	4.2	89
159	Sizeâ€Dependent Cytotoxicity of Monodisperse Silica Nanoparticles in Human Endothelial Cells. Small, 2009, 5, 846-853.	10.0	513
160	Comparative toxicity of 24 manufactured nanoparticles in human alveolar epithelial and macrophage cell lines. Particle and Fibre Toxicology, 2009, 6, 14.	6.2	392
161	Immunological Determinants in a Mouse Model of Chemicalâ€Induced Asthma After Multiple Exposures. Scandinavian Journal of Immunology, 2009, 70, 25-33.	2.7	21
162	Assessment of the sensitization potential of persulfate salts used for bleaching hair. Contact Dermatitis, 2009, 60, 85-90.	1.4	27

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163	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
164	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
165	Dose-dependent effect of carcinogens on gene expression in TK6 cells. Toxicology Letters, 2009, 189, S90.	0.8	0
166	Do Nanomedicines Require Novel Safety Assessments to Ensure their Safety for Long-Term Human Use?. Drug Safety, 2009, 32, 625-636.	3.2	39
167	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
168	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
169	Clastogenic and aneugenic effects of multi-wall carbon nanotubes in epithelial cells. Carcinogenesis, 2008, 29, 427-433.	2.8	271
170	What's new in Nanotoxicology? Brief review of the 2007 literature. Nanotoxicology, 2008, 2, 171-182.	3.0	16
171	Nominal and Effective Dosimetry of Silica Nanoparticles in Cytotoxicity Assays. Toxicological Sciences, 2008, 104, 155-162.	3.1	183
172	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
173	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
174	Acute Toxicity and Prothrombotic Effects of Quantum Dots: Impact of Surface Charge. Environmental Health Perspectives, 2008, 116, 1607-1613.	6.0	248
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