Benoit Nemery

List of Publications by Year
in descending order

268	11,769	22153	33894
papers	citations	59 h-index	99 g-index

305	305	305	14352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Public health importance of triggers of myocardial infarction: a comparative risk assessment. Lancet, The, 2011, 377, 732-740.	13.7	457
3	Sustainable minerals and metals for a low-carbon future. Science, 2020, 367, 30-33.	12.6	325
4	Ultrafine Particles Affect Experimental Thrombosis in anIn VivoHamster Model. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 998-1004.	5.6	308
5	Sustainability of artisanal mining of cobalt in DR Congo. Nature Sustainability, 2018, 1, 495-504.	23.7	289
6	Possible mechanisms of the cardiovascular effects of inhaled particles: systemic translocation and prothrombotic effects. Toxicology Letters, 2004, 149, 243-253.	0.8	269
7	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
8	Diesel Exhaust Particles in Lung Acutely Enhance Experimental Peripheral Thrombosis. Circulation, 2003, 107, 1202-1208.	1.6	262
9	Acute Toxicity and Prothrombotic Effects of Quantum Dots: Impact of Surface Charge. Environmental Health Perspectives, 2008, 116, 1607-1613.	6.0	248
10	The Meuse Valley fog of 1930: an air pollution disaster. Lancet, The, 2001, 357, 704-708.	13.7	235
11	Nicotine activates the chemosensory cation channel TRPA1. Nature Neuroscience, 2009, 12, 1293-1299.	14.8	214
12	Size effect of intratracheally instilled particles on pulmonary inflammation and vascular thrombosis. Toxicology and Applied Pharmacology, 2003, 186, 38-45.	2.8	211
13	High human exposure to cobalt and other metals in Katanga, a mining area of the Democratic Republic of Congo. Environmental Research, 2009, 109, 745-752.	7.5	210
14	Expert elicitation on ultrafine particles: likelihood of health effects and causal pathways. Particle and Fibre Toxicology, 2009, 6, 19.	6.2	153
15	Lung exposure to nanoparticles modulates an asthmatic response in a mouse model. European Respiratory Journal, 2011, 37, 299-309.	6.7	143
16	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
17	Subclinical responses in healthy cyclists briefly exposed to traffic-related air pollution: an intervention study. Environmental Health, 2010, 9, 64.	4.0	140
18	Long-Term Exposure to Particulate Matter Air Pollution Is a Risk Factor for Stroke. Stroke, 2015, 46, 3058-3066.	2.0	138

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19	Health impact of nanomaterials?. Nature Biotechnology, 2004, 22, 19-19.	17.5	135
20	Concentration Response Functions for Ultrafine Particles and All-Cause Mortality and Hospital Admissions: Results of a European Expert Panel Elicitation. Environmental Science & Technology, 2010, 44, 476-482.	10.0	129
21	Childhood Asthma and Environmental Exposures at Swimming Pools: State of the Science and Research Recommendations. Environmental Health Perspectives, 2009, 117, 500-507.	6.0	128
22	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
23	Pharmacological Stabilization of Mast Cells Abrogates Late Thrombotic Events Induced by Diesel Exhaust Particles in Hamsters. Circulation, 2004, 110, 1670-1677.	1.6	125
24	Air Pollutionâ€“Related Prothrombotic Changes in Persons with Diabetes. Environmental Health Perspectives, 2010, 118, 191-196.	6.0	109
25	Impact of a stepwise introduction of smoke-free legislation on the rate of preterm births: analysis of routinely collected birth data. BMJ, The, 2013, 346, f441-f441.	6.0	108
26	Epicutaneous Immunotherapy Using a New Epicutaneous Delivery System in Mice Sensitized to Peanuts. International Archives of Allergy and Immunology, 2011, 154, 299-309.	2.1	100
27	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
28	Quantification of Lung Fibrosis and Emphysema in Mice Using Automated Micro-Computed Tomography. PLoS ONE, 2012, 7, e43123.	2.5	96
29	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
30	Particulate matter in the environment: pulmonary and cardiovascular effects. Current Opinion in Pulmonary Medicine, 2007, 13, 98-106.	2.6	91
31	Pathways of human exposure to cobalt in Katanga, a mining area of the D.R. Congo. Science of the Total Environment, 2014, 490, 313-321.	8.0	90
32	Oropharyngeal aspiration: An alternative route for challenging in a mouse model of chemical-induced asthma. Toxicology, 2009, 259, 84-89.	4.2	89
33	Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. Respiratory Research, 2017, 18, 123.	3.6	89
34	Ambient air pollution and health in Sub-Saharan Africa: Current evidence, perspectives and a call to action.. Environmental Research, 2019, 173, 174-188.	7.5	89
35	Giant Cell Interstitial Pneumonia (Hard Metal Lung Disease, Cobalt Lung). Seminars in Respiratory and Critical Care Medicine, 2001, 22, 435-448.	2.1	88
36	Increase in Î³-Glutamyltransferase by Glutathione Depletion in Rat Type II Pneumocytes. Free Radical Biology and Medicine, 1997, 22, 525-534.	2.9	87

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37	TRPV4 activation triggers protective responses to bacterial lipopolysaccharides in airway epithelial cells. Nature Communications, 2017, 8, 1059.	12.8	86
38	The Spanish Toxic Oil Syndrome 20 Years after Its Onset: A Multidisciplinary Review of Scientific Knowledge. Environmental Health Perspectives, 2002, 110, 457-464.	6.0	86
39	Surface of Localized Pleural Plaques Quantitated by Computed Tomography Scanning. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 705-710.	5.6	85
40	The impact of traffic air pollution on bronchiolitis obliterans syndrome and mortality after lung transplantation. Thorax, 2011, 66, 748-754.	5.6	85
41	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
42	Diagnostic Ability of a Dynamic Multidisciplinary Discussion in Interstitial Lung Diseases. Chest, 2018, 153, 1416-1423.	0.8	85
43	Susceptibility to hard metal lung disease is strongly associated with the presence of glutamate 69 in HLA-DPÎ² chain. European Journal of Immunology, 1997, 27, 2741-2743.	2.9	84
44	Generalization of Acquired Somatic Symptoms in Response to Odors: A Pavlovian Perspective on Multiple Chemical Sensitivity. Psychosomatic Medicine, 2000, 62, 751-759.	2.0	81
45	Acute changes in pulse pressure in relation to constituents of particulate air pollution in elderly persons. Environmental Research, 2012, 117, 60-67.	7.5	81
46	Media Warnings About Environmental Pollution Facilitate the Acquisition of Symptoms in Response to Chemical Substances. Psychosomatic Medicine, 2003, 65, 332-338.	2.0	80
47	Occupational cadmium exposure and calcium excretion, bone density, and osteoporosis in men. Journal of Bone and Mineral Research, 2010, 25, 1441-1445.	2.8	80
48	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
49	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
50	Bone resorption and environmental exposure to cadmium in children: a cross - sectional study. Environmental Health, 2011, 10, 104.	4.0	78
51	Mouse models to unravel the role of inhaled pollutants on allergic sensitization and airway inflammation. Respiratory Research, 2010, 11, 7.	3.6	77
52	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of occupational exposure to dusts and/or fibres and of the effect of occupational exposure to dusts and/or fibres on pneumoconiosis. Environment International, 2018, 119, 174-185.	10.0	75
53	Blood pressure and particulate air pollution in schoolchildren of Lahore, Pakistan. BMC Public Health, 2012, 12, 378.	2.9	74
54	Does air pollution trigger suicide? A case-crossover analysis of suicide deaths over the life span. European Journal of Epidemiology, 2017, 32, 973-981.	5.7	70

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55	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
56	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
57	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
58	Traffic Air Pollution and Oxidized LDL. PLoS ONE, 2011, 6, e16200.	2.5	65
59	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
60	Silica Particles Enhance Peripheral Thrombosis. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 872-879.	5.6	62
61	Acquiring Symptoms in Response to Odors: A Learning Perspective on Multiple Chemical Sensitivity. Annals of the New York Academy of Sciences, 2001, 933, 278-290.	3.8	60
62	Impact of Air Pollution on Cystic Fibrosis Pulmonary Exacerbations. Chest, 2013, 143, 946-954.	0.8	60
63	Residing in urban areas with higher green space is associated with lower mortality risk: A census-based cohort study with ten years of follow-up. Environment International, 2021, 148, 106365.	10.0	58
64	Choice of Mouse Strain Influences the Outcome in a Mouse Model of Chemical-Induced Asthma. PLoS ONE, 2010, 5, e12581.	2.5	58
65	Does Air Pollution Trigger Infant Mortality in Western Europe? A Case-Crossover Study. Environmental Health Perspectives, 2011, 119, 1017-1022.	6.0	57
66	Heterogeneity in European Research Integrity Guidance. Journal of Empirical Research on Human Research Ethics, 2014, 9, 79-90.	1.3	57
67	Putrescine and paraquat uptake in human lung slices and isolated type II pneumocytes. Biochemical Pharmacology, 1994, 48, 517-524.	4.4	55
68	Carbon loading in airway macrophages as a biomarker for individual exposure to particulate matter air pollution â€" A critical review. Environment International, 2015, 74, 32-41.	10.0	54
69	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
70	Oxidative properties of ambient PM2.5 and elemental composition: Heterogeneous associations in 19 European cities. Atmospheric Environment, 2009, 43, 4595-4602.	4.1	50
71	Adverse Health Effects of Child Labor: High Exposure to Chromium and Oxidative DNA Damage in Children Manufacturing Surgical Instruments. Environmental Health Perspectives, 2012, 120, 1469-1474.	6.0	48
72	Residential green space, air pollution, socioeconomic deprivation and cardiovascular medication sales in Belgium: A nationwide ecological study. Science of the Total Environment, 2020, 712, 136426.	8.0	48

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73	Changed gene expression in brains of mice exposed to traffic in a highway tunnel. Inhalation Toxicology, 2012, 24, 676-686.	1.6	45
74	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
75	Paracetamol (acetaminophen) cytotoxicity in rat type II pneumocytes and alveolar macrophages In Vitro. Biochemical Pharmacology, 2000, 59, 1467-1475.	4.4	43
76	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
77	An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. European Respiratory Journal, 2017, 49, 1600484.	6.7	43
78	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
79	Indices of Oxidative Stress in Hamster Lung Following Exposure to Cobalt(II) Ions: In Vivo and In Vitro Studies. American Journal of Respiratory Cell and Molecular Biology, 1991, 5, 163-169.	2.9	42
80	Metal mining and birth defects: a case-control study in Lubumbashi, Democratic Republic of the Congo. Lancet Planetary Health, The, 2020, 4, e158-e167.	11.4	42
81	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
82	Selective Nasal Allergen Provocation Induces Substance Pâ€“Mediated Bronchial Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 517-523.	2.9	40
83	Evaluation of particle translocation across the alveolo-capillary barrier in isolated perfused rabbit lung model. Toxicology, 2005, 208, 105-113.	4.2	39
84	Hard Metal Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 2-3.	5.6	39
85	Do Nanomedicines Require Novel Safety Assessments to Ensure their Safety for Long-Term Human Use?. Drug Safety, 2009, 32, 625-636.	3.2	39
86	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
87	High Risk of Malignant Mesothelioma and Pleural Plaques in Subjects Born Close to Ophiolites. Chest, 2013, 143, 164-171.	0.8	37
88	Fetal growth and maternal exposure to particulate air pollution -- More marked effects at lower exposure and modification by gestational duration. Environmental Research, 2015, 140, 611-618.	7.5	37
89	Neuro-immune interactions in chemical-induced airway hyperreactivity. European Respiratory Journal, 2016, 48, 380-392.	6.7	37
90	Amorphous Silica Nanoparticles Promote Monocyte Adhesion to Human Endothelial Cells: Sizeâ€Đependent Effect. Small, 2013, 9, 430-438.	10.0	36

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91	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
92	Ammonium persulfate can initiate an asthmatic response in mice. Thorax, 2010, 65, 252-257.	5.6	35
93	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
94	Dermal and respiratory sensitization to chromate in a cement floorer. American Journal of Industrial Medicine, 1998, 34, 169-176.	2.1	33
95	Where do the elderly die? The impact of nursing home utilisation on the place of death. Observations from a mortality cohort study in Flanders. BMC Public Health, 2006, 6, 178.	2.9	32
96	Preeclampsia and toxic metals: a case-control study in Kinshasa, DR Congo. Environmental Health, 2016, 15, 48.	4.0	32
97	A cross-sectional study with an improved methodology to assess occupational air pollution exposure and respiratory health in motorcycle taxi driving. Science of the Total Environment, 2016, 550, 1-5.	8.0	32
98	High prevalence of occupational exposure to solvents or silica in male systemic sclerosis patients: a Belgian cohort analysis. Clinical Rheumatology, 2018, 37, 1977-1982.	2.2	30
99	Educating PhD Students in Research Integrity in Europe. Science and Engineering Ethics, 2021, 27, 5.	2.9	30
100	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
101	Metal exposure in schoolchildren and working children. A urinary biomonitoring study from Lahore, Pakistan. International Journal of Hygiene and Environmental Health, 2014, 217, 669-677.	4.3	29
102	An outbreak of swimming-pool related respiratory symptoms: An elusive source of trichloramine in a municipal indoor swimming pool. International Journal of Hygiene and Environmental Health, 2015, 218, 386-391.	4.3	29
103	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
104	Assessment of the sensitization potential of persulfate salts used for bleaching hair. Contact Dermatitis, 2009, 60, 85-90.	1.4	27
105	Residential green space and medication sales for childhood asthma: A longitudinal ecological study in Belgium. Environmental Research, 2020, 189, 109914.	7.5	27
106	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€ƒ. European Journal of Immunology, 2012, 42, 3223-3234.	2.9	26
107	Assessing exposure to metals using biomonitoring: Achievements and challenges experienced through surveys in low- and middle-income countries. Toxicology Letters, 2018, 298, 13-18.	0.8	26
108	Air pollution: to the heart of the matter. European Heart Journal, 2006, 27, 2269-2271.	2.2	25

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109	Dioxins, Coca-Cola, and mass sociogenic illness in Belgium. Lancet, The, 1999, 354, 77.	13.7	24
110	Methylisothiazolinone: Dermal and respiratory immune responses in mice. Toxicology Letters, 2015, 235, 179-188.	0.8	24
111	B-lymphocytes as Key Players in Chemical-Induced Asthma. PLoS ONE, 2013, 8, e83228.	2.5	24
112	Neutrophil and Eosinophil Granulocytes as Key Players in a Mouse Model of Chemical-Induced Asthma. Toxicological Sciences, 2013, 131, 406-418.	3.1	23
113	Reactive Fallout of World Trade Center Dust. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 2-3.	5.6	22
114	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
115	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
116	Nano-titanium dioxide modulates the dermal sensitization potency of DNCB. Particle and Fibre Toxicology, 2012, 9, 15.	6.2	22
117	Domestic use of bleach and infections in children: a multicentre cross-sectional study. Occupational and Environmental Medicine, 2015, 72, 602-604.	2.8	22
118	Carbon load in airway macrophages as a biomarker of exposure to particulate air pollution; a longitudinal study of an international Panel. Particle and Fibre Toxicology, 2018, 15, 14.	6.2	22
119	Preeclampsia and blood lead (and other metals) in Lubumbashi, DR Congo. Environmental Research, 2018, 167, 468-471.	7.5	22
120	Air pollution and self-perceived stress and mood: A one-year panel study of healthy elderly persons. Environmental Research, 2019, 177, 108644.	7.5	22
121	Artificial stone-associated silicosis in Belgium. Occupational and Environmental Medicine, 2019, 76, 133-134.	2.8	22
122	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
123	Immunological Determinants in a Mouse Model of Chemicalâ€Induced Asthma After Multiple Exposures. Scandinavian Journal of Immunology, 2009, 70, 25-33.	2.7	21
124	Unprecedentedly High Dust Ingestion Estimates for the General Population in a Mining District of DR Congo. Environmental Science & Technology, 2019, 53, 7851-7858.	10.0	21
125	In Vitro Tests for Respiratory Toxicity. ATLA Alternatives To Laboratory Animals, 1996, 24, 671-681.	1.0	20
126	Intracellular oxidative stress caused by nanoparticles: What do we measure with the dichlorofluorescein assay?. Nano Today, 2013, 8, 223-227.	11.9	20

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127	Effects of injury on [3H]putrescine uptake by types I and II cells in rat lung slices. Experimental and Molecular Pathology, 1991, 54, 218-229.	2.1	19
128	Geographical variations of asthma and asthma symptoms among schoolchildren aged 5 to 8 years and 12 to 15 years in Palestine: the International Study of Asthma and Allergies in Childhood (ISAAC). Annals of Allergy, Asthma and Immunology, 2003, 90, 63-71.	1.0	19
129	Translocation of Ultrafine Particles. Environmental Health Perspectives, 2006, 114, A211-2; author reply A212-3.	6.0	19
130	Changing places to study short-term effects of air pollution on cardiovascular health: a panel study. Environmental Health, 2018, 17, 80.	4.0	19
131	Clinical behaviour of patients exposed to organic dust and diagnosed with idiopathic pulmonary fibrosis. Respirology, 2018, 23, 1160-1165.	2.3	19
132	Perceptions of research integrity and the Chinese situation: In-depth interviews with Chinese biomedical researchers in Europe. Accountability in Research, 2019, 26, 405-426.	2.4	19
133	Perceptions of plagiarism by biomedical researchers: an online survey in Europe and China. BMC Medical Ethics, 2020, 21, 44.	2.4	19
134	Cobalt and possible oxidant-mediated toxicity. Science of the Total Environment, 1994, 150, 57-64.	8.0	18
135	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
136	Mitochondrial DNA content in blood and carbon load in airway macrophages. A panel study in elderly subjects. Environment International, 2018, 119, 47-53.	10.0	18
137	A chest physician's guide to mechanisms of sinonasal disease. Thorax, 2015, 70, 353-358.	5.6	17
138	Respiratory medication sales and urban air pollution in Brussels (2005 to 2011). Environment International, 2016, 94, 576-582.	10.0	17
139	Irritant-induced asthma to hypochlorite in mice due to impairment of the airway barrier. Archives of Toxicology, 2018, 92, 1551-1561.	4.2	17
140	COVID-19 Pandemic: Knowledge and Attitudes in Public Markets in the Former Katanga Province of the Democratic Republic of Congo. International Journal of Environmental Research and Public Health, 2020, 17, 7441.	2.6	17
141	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
142	Residential green space and mental health-related prescription medication sales: An ecological study in Belgium. Environmental Research, 2022, 211, 113056.	7.5	17
143	Prior Lung Inflammation Impacts on Body Distribution of Gold Nanoparticles. BioMed Research International, 2013, 2013, 1-6.	1.9	16
144	Occupational Exposure to Metals in Shooting Ranges: A Biomonitoring Study. Safety and Health at Work, 2019, 10, 87-94.	0.6	16

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145	Immunological methods for diagnosis and monitoring of IgEâ€mediated allergy caused by industrial sensitizing agents (IMExAllergy). Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1885-1897.	5.7	16
146	Integrity in Biomedical Research: A Systematic Review of Studies in China. Science and Engineering Ethics, 2019, 25, 1271-1301.	2.9	16
147	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
148	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
149	Childhood Asthma and Indoor Aeroallergens and Endotoxin in Palestine: A Case-Control Study. Journal of Asthma, 2006, 43, 241-247.	1.7	15
150	Lung cancer mortality and fine particulate air pollution in Europe. International Journal of Cancer, 2007, 120, 1825-1826.	5.1	15
151	Update in Occupational and Environmental Respiratory Disease 2007. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 696-700.	5.6	15
152	Airway exposure to hypochlorite prior to ovalbumin induces airway hyperreactivity without evidence for allergic sensitization. Toxicology Letters, 2011, 204, 101-107.	0.8	15
153	Biomarker discovery in asthma and COPD: Application of proteomics techniques in human and mice. EuPA Open Proteomics, 2014, 4, 101-112.	2.5	15
154	Associations between occupational and environmental exposures and organ involvement in sarcoidosis: a retrospective case-case analysis. Respiratory Research, 2021, 22, 224.	3.6	15
155	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
156	Proteome Analysis of Multiple Compartments in a Mouse Model of Chemical-Induced Asthma. Journal of Proteome Research, 2010, 9, 5868-5876.	3.7	14
157	Contamination of water and food crops by trace elements in the African Copperbelt: A collaborative cross-border study in Zambia and the Democratic Republic of Congo. Environmental Advances, 2021, 6, 100103.	4.8	14
158	Health impact of urban air pollution in Belgium. Air Quality, Atmosphere and Health, 2011, 4, 243-246.	3.3	13
159	Occupational Exposure to Petroleum Products and Respiratory Health. Journal of Occupational and Environmental Medicine, 2012, 54, 1382-1388.	1.7	13
160	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
161	Respiratory Health Effects of Exposure to Cleaning Products. Clinics in Chest Medicine, 2020, 41, 641-650.	2.1	13
162	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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163	Management of work-related asthma: guidelines and challenges. European Respiratory Review, 2012, 21, 79-81.	7.1	12
164	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
165	Asbestos bodies in bronchoalveolar lavage in the 21st century: a time-trend analysis in a clinical population. Occupational and Environmental Medicine, 2017, 74, 59-65.	2.8	12
166	How do Chinese universities address research integrity and misconduct? A review of university documents. Developing World Bioethics, 2019, 19, 64-75.	0.9	12
167	Respiratory health and eruptions of the Nyiragongo and Nyamulagira volcanoes in the Democratic Republic of Congo: a time-series analysis. Environmental Health, 2020, 19, 62.	4.0	12
168	World Trade Center Dust and Airway Reactivity. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 883-885.	5.6	12
169	The role of thiol oxidation in cobalt(II)-induced toxicity in hamster lung. Biochemical Pharmacology, 1992, 43, 519-525.	4.4	11
170	Assessment of the ear swelling test and the local lymph node assay in hamsters. Journal of Pharmacological and Toxicological Methods, 1996, 35, 167-172.	0.7	11
171	Stimulation of Phagocytosis by Ultrafine Particles. Toxicology and Applied Pharmacology, 2001, 176, 203.	2.8	11
172	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
173	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
174	High temperatures trigger suicide mortality in Brussels, Belgium: A case-crossover study (2002â€“2011). Environmental Research, 2022, 207, 112159.	7.5	11
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