Ian Mudway

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62 papers	4,030 citations	34 h-index	63 g-index
64 ext. papers	4,528 ext. citations	6.1 avg, IF	4.82 L-index

#	Paper	IF	Citations
62	Brake dust exposure exacerbates inflammation and transiently compromises phagocytosis in macrophages. *Metallomics*, **2020**, 12, 371-386	4.5	22
61	Development of new in vitro models of lung protease activity for investigating stability of inhaled biological therapies and drug delivery systems. *European Journal of Pharmaceutics and Biopharmaceutics*, **2020**, 146, 64-72	5.7	9
60	The Solution to Pollution: Is it Technological? [Opinion]. *IEEE Technology and Society Magazine*, **2020**, 39, 30-99	0.8	1
59	Air Pollution and Dementia: A Systematic Review. *Journal of Alzheimer's Disease*, **2019**, 70, S145-S163	4.3	144
58	E-cigarette vapour enhances pneumococcal adherence to airway epithelial cells. *European Respiratory Journal*, **2018**, 51,	13.6	66
57	Urban particulate matter stimulation of human dendritic cells enhances priming of naive CD8 T lymphocytes. *Immunology*, **2018**, 153, 502-512	7.8	18
56	Vitamin D Counteracts an IL-23-Dependent IL-17AIFN-Response Driven by Urban Particulate Matter. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 355-366	5.7	18
55	Differences in the coronal proteome acquired by particles depositing in the lungs of asthmatic versus healthy humans. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 2517-2521	6	9
54	Exposure to welding fumes and lower airway infection with Streptococcus pneumoniae. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 527-534.e7	11.5	25
53	Air pollution, ethnicity and telomere length in east London schoolchildren: An observational study. *Environment International*, **2016**, 96, 41-47	12.9	31
52	Short-term associations between particle oxidative potential and daily mortality and hospital admissions in London. *International Journal of Hygiene and Environmental Health*, **2016**, 219, 566-72	6.9	27
51	Associations of short-term exposure to traffic-related air pollution with cardiovascular and respiratory hospital admissions in London, UK. *Occupational and Environmental Medicine*, **2016**, 73, 300-7	2.1	78
50	Differential health effects of short-term exposure to source-specific particles in London, U.K. *Environment International*, **2016**, 97, 246-253	12.9	30
49	In Vitro Multiparameter Assay Development Strategy toward Differentiating Macrophage Responses to Inhaled Medicines. *Molecular Pharmaceutics*, **2015**, 12, 2675-87	5.6	13
48	Is air pollution associated with increased risk of cognitive decline? A systematic review. *Age and Ageing*, **2015**, 44, 755-60	3	34
47	Effects of Air Pollution and the Introduction of the London Low Emission Zone on the Prevalence of Respiratory and Allergic Symptoms in Schoolchildren in East London: A Sequential Cross-Sectional Study. *PLoS ONE*, **2015**, 10, e0109121	3.7	26
46	Associations between inflammatory and immune response genes and adverse respiratory outcomes following exposure to outdoor air pollution: a HuGE systematic review. *American Journal of Epidemiology*, **2014**, 179, 432-42	3.8	37

45	New Directions: The future of European urban air quality monitoring. *Atmospheric Environment*, **2014**, 87, 258-260	5.3	15
44	Air pollution exposure affects circulating white blood cell counts in healthy subjects: the role of particle composition, oxidative potential and gaseous pollutants - the RAPTES project. *Inhalation Toxicology*, **2014**, 26, 141-65	2.7	61
43	Carbon in airway macrophages from children with asthma. *Thorax*, **2014**, 69, 654-9	7.3	23
42	Acute nasal pro-inflammatory response to air pollution depends on characteristics other than particle mass concentration or oxidative potential: the RAPTES project. *Occupational and Environmental Medicine*, **2013**, 70, 341-8	2.1	36
41	Components of ambient air pollution affect thrombin generation in healthy humans: the RAPTES project. *Occupational and Environmental Medicine*, **2013**, 70, 332-40	2.1	20
40	Composition of PM affects acute vascular inflammatory and coagulative markers - the RAPTES project. *PLoS ONE*, **2013**, 8, e58944	3.7	42
39	Peripheral blood neutrophilia as a biomarker of ozone-induced pulmonary inflammation. *PLoS ONE*, **2013**, 8, e81816	3.7	10
38	Ascorbate prevents placental oxidative stress and enhances birth weight in hypoxic pregnancy in rats. *Journal of Physiology*, **2012**, 590, 1377-87	3.9	65
37	Respiratory health effects of airborne particulate matter: the role of particle size, composition, and oxidative potential-the RAPTES project. *Environmental Health Perspectives*, **2012**, 120, 1183-9	8.4	238
36	Increased oxidative burden associated with traffic component of ambient particulate matter at roadside and urban background schools sites in London. *PLoS ONE*, **2011**, 6, e21961	3.7	86
35	Proinflammatory doses of diesel exhaust in healthy subjects fail to elicit equivalent or augmented airway inflammation in subjects with asthma. *Thorax*, **2011**, 66, 12-9	7.3	53
34	The impact of the congestion charging scheme on air quality in London. Part 2. Analysis of the oxidative potential of particulate matter. *Research Report (health Effects Institute)*, **2011**, 73-144	0.9	9
33	Particulate matter oxidative potential from waste transfer station activity. *Environmental Health Perspectives*, **2010**, 118, 493-8	8.4	38
32	Determinants of the proinflammatory action of ambient particulate matter in immortalized murine macrophages. *Environmental Health Perspectives*, **2010**, 118, 1728-34	8.4	41
31	Ozone exposure enhances mast-cell inflammation in asthmatic airways despite inhaled corticosteroid therapy. *Inhalation Toxicology*, **2010**, 22, 133-9	2.7	15
30	Particulate oxidative burden associated with firework activity. *Environmental Science & Technology*, **2010**, 44, 8295-301	10.3	72
29	Allantoin in human plasma, serum, and nasal-lining fluids as a biomarker of oxidative stress: avoiding artifacts and establishing real in vivo concentrations. *Antioxidants and Redox Signaling*, **2009**, 11, 1767-76	8.4	40
28	Early suppression of NFkappaB and IL-8 in bronchial epithelium after ozone exposure in healthy human subjects. *Inhalation Toxicology*, **2009**, 21, 913-9	2.7	7

27	Antioxidant responses to acute ozone challenge in the healthy human airway. *Inhalation Toxicology*, **2009**, 21, 933-42	2.7	28
26	Augmentation of respiratory tract lining fluid ascorbate concentrations through supplementation with vitamin C. *Inhalation Toxicology*, **2009**, 21, 250-8	2.7	12
25	Hazard and risk assessment of a nanoparticulate cerium oxide-based diesel fuel additive - a case study. *Inhalation Toxicology*, **2008**, 20, 547-66	2.7	234
24	Evaluating the toxicity of airborne particulate matter and nanoparticles by measuring oxidative stress potential--a workshop report and consensus statement. *Inhalation Toxicology*, **2008**, 20, 75-99	2.7	407
23	Toxicity of coarse and fine particulate matter from sites with contrasting traffic profiles. *Inhalation Toxicology*, **2007**, 19, 1055-69	2.7	77
22	Investigation into the use of the CUSUM technique in identifying changes in mean air pollution levels following introduction of a traffic management scheme. *Atmospheric Environment*, **2007**, 41, 1784-1791	5.3	34
21	Vitamin supplementation does not protect against symptoms in ozone-responsive subjects. *Free Radical Biology and Medicine*, **2006**, 40, 1702-12	7.8	34
20	Comparison of oxidative properties, light absorbance, total and elemental mass concentration of ambient PM2.5 collected at 20 European sites. *Environmental Health Perspectives*, **2006**, 114, 684-90	8.4	162
19	Airway antioxidant and inflammatory responses to diesel exhaust exposure in healthy humans. *European Respiratory Journal*, **2006**, 27, 359-65	13.6	180
18	Exploring the time dependence of serum clara cell protein as a biomarker of pulmonary injury in humans. *Chest*, **2006**, 130, 672-5	5.3	49
17	Alpha tocopherol supplementation elevates plasma apolipoprotein A1 isoforms in normal healthy subjects. *Proteomics*, **2006**, 6, 1695-703	4.8	32
16	Particle-Mediated Extracellular Oxidative Stress in the Lung **2006**, 89-117		3
15	Different airway inflammatory responses in asthmatic and healthy humans exposed to diesel. *European Respiratory Journal*, **2004**, 23, 82-6	13.6	201
14	Inter- and intra-individual vitamin E uptake in healthy subjects is highly repeatable across a wide supplementation dose range. *Annals of the New York Academy of Sciences*, **2004**, 1031, 22-39	6.5	17
13	An in vitro and in vivo investigation of the effects of diesel exhaust on human airway lining fluid antioxidants. *Archives of Biochemistry and Biophysics*, **2004**, 423, 200-12	4.1	179
12	Protein oxidation at the air-lung interface. *Amino Acids*, **2003**, 25, 375-96	3.5	77
11	Differences in basal airway antioxidant concentrations are not predictive of individual responsiveness to ozone: a comparison of healthy and mild asthmatic subjects. *Free Radical Biology and Medicine*, **2001**, 31, 962-74	7.8	57
10	Ozone and the lung: a sensitive issue. *Molecular Aspects of Medicine*, **2000**, 21, 1-48	16.7	221

9	Compromised concentrations of ascorbate in fluid lining the respiratory tract in human subjects after exposure to ozone. *Occupational and Environmental Medicine*, **1999**, 56, 473-81	2.1	36
8	Altered lung antioxidant status in patients with mild asthma. *Lancet, The*, **1999**, 354, 482-3	40	269
7	Modeling the interactions of ozone with pulmonary epithelial lining fluid antioxidants. *Toxicology and Applied Pharmacology*, **1998**, 148, 91-100	4.6	47
6	Antioxidant defenses in lung lining fluid of broilers: impact of poor ventilation conditions. *Poultry Science*, **1998**, 77, 516-22	3.9	30
5	Effects of 0.2 ppm ozone on biomarkers of inflammation in bronchoalveolar lavage fluid and bronchial mucosa of healthy subjects. *European Respiratory Journal*, **1998**, 11, 1294-300	13.6	85
4	Sensitivity to ozone: could it be related to an individual[s complement of antioxidants in lung epithelium lining fluid?. *Redox Report*, **1997**, 3, 199-206	5.9	2
3	Differential depletion of human respiratory tract antioxidants in response to ozone challenge. *Free Radical Research*, **1996**, 25, 499-513	4	31
2	Ozone, airways and allergic airways disease. *Clinical and Experimental Allergy*, **1995**, 25, 1150-8	4.1	22
1	Depletion of urate in human nasal lavage following in vitro ozone exposure. *International Journal of Biochemistry and Cell Biology*, **1995**, 27, 1153-9	5.6	37