

Steffen Loft

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112
papers

4,094
citations

39
h-index

60
g-index

118
ext. papers

4,726
ext. citations

6.1
avg. IF

5.23
L-index

#	Paper	IF	Citations
112	Chronic obstructive pulmonary disease and long-term exposure to traffic-related air pollution: a cohort study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 455-61	10.2	224
111	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 467-77	6	218
110	Oxidative stress and inflammation generated DNA damage by exposure to air pollution particles. <i>Mutation Research - Reviews in Mutation Research</i> , 2014 , 762, 133-66	7	192
109	Acute hypoxia and hypoxic exercise induce DNA strand breaks and oxidative DNA damage in humans. <i>FASEB Journal</i> , 2001 , 15, 1181-6	0.9	176
108	Oxidative DNA damage in human sperm influences time to pregnancy. <i>Human Reproduction</i> , 2003 , 18, 1265-72	5.7	139
107	Nanomaterial translocation--the biokinetics, tissue accumulation, toxicity and fate of materials in secondary organs--a review. <i>Critical Reviews in Toxicology</i> , 2015 , 45, 837-72	5.7	102
106	A Multilaboratory Toxicological Assessment of a Panel of 10 Engineered Nanomaterials to Human Health--ENPRA Project--The Highlights, Limitations, and Current and Future Challenges. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016 , 19, 1-28	8.6	96
105	Traffic air pollution and mortality from cardiovascular disease and all causes: a Danish cohort study. <i>Environmental Health</i> , 2012 , 11, 60	6	93
104	Long-term exposure to fine particulate matter and incidence of diabetes in the Danish Nurse Cohort. <i>Environment International</i> , 2016 , 91, 243-50	12.9	82
103	Oxidative DNA damage in vivo: relationship to age, plasma antioxidants, drug metabolism, glutathione-S-transferase activity and urinary creatinine excretion. <i>Free Radical Research</i> , 1998 , 29, 565-71	4	81
102	Role of microbiota-derived lipopolysaccharide in adipose tissue inflammation, adipocyte size and pyroptosis during obesity. <i>Nutrition Research Reviews</i> , 2018 , 31, 153-163	7	74
101	Oxidative DNA damage and human cancer: need for cohort studies. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1021-31	8.4	72
100	An indoor air filtration study in homes of elderly: cardiovascular and respiratory effects of exposure to particulate matter. <i>Environmental Health</i> , 2013 , 12, 116	6	71
99	Experimental study of oxidative DNA damage. <i>Free Radical Research</i> , 1998 , 29, 525-39	4	68
98	Cardiovascular and lung function in relation to outdoor and indoor exposure to fine and ultrafine particulate matter in middle-aged subjects. <i>Environment International</i> , 2014 , 73, 372-81	12.9	66
97	Personal exposure to PM2.5, black smoke and NO2 in Copenhagen: relationship to bedroom and outdoor concentrations covering seasonal variation. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005 , 15, 413-22	6.7	66
96	Antioxidant vitamins and cancer risk: is oxidative damage to DNA a relevant biomarker?. <i>European Journal of Nutrition</i> , 2008 , 47 Suppl 2, 19-28	5.2	65

95	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 56	8.4	61
94	Physical Activity, Air Pollution, and the Risk of Asthma and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 855-865	10.2	59
93	Adherence to a Healthy Nordic Food Index Is Associated with a Lower Risk of Type-2 Diabetes--The Danish Diet, Cancer and Health Cohort Study. <i>Nutrients</i> , 2015 , 7, 8633-44	6.7	54
92	Association between 8-oxo-7,8-dihydroguanine excretion and risk of lung cancer in a prospective study. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 167-72	7.8	54
91	Oxidatively damaged DNA and inflammation in the liver of dyslipidemic ApoE ^{-/-} mice exposed to diesel exhaust particles. <i>Toxicology</i> , 2007 , 237, 134-144	4.4	54
90	Association between 8-oxo-7,8-dihydro-2'-deoxyguanosine excretion and risk of postmenopausal breast cancer: nested case-control study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 1289-96	4.96	52
89	Indoor and outdoor exposure to ultrafine, fine and microbiologically derived particulate matter related to cardiovascular and respiratory effects in a panel of elderly urban citizens. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 1667-86	4.6	51
88	Uptake of gold nanoparticles in primary human endothelial cells. <i>Toxicology Research</i> , 2015 , 4, 655-666	2.6	51
87	Urinary excretion of 8-oxo-7,8-dihydroguanine as biomarker of oxidative damage to DNA. <i>Archives of Biochemistry and Biophysics</i> , 2012 , 518, 142-50	4.1	51
86	Methods to detect DNA damage by free radicals: relation to exercise. <i>Proceedings of the Nutrition Society</i> , 1999 , 58, 1007-14	2.9	51
85	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. <i>Environmental Research</i> , 2017 , 154, 226-233	7.9	49
84	Synergistic effects of zinc oxide nanoparticles and Fatty acids on toxicity to caco-2 cells. <i>International Journal of Toxicology</i> , 2015 , 34, 67-76	2.4	49
83	Atherosclerosis and vasomotor dysfunction in arteries of animals after exposure to combustion-derived particulate matter or nanomaterials. <i>Critical Reviews in Toxicology</i> , 2016 , 46, 437-76	5.7	49
82	Does vitamin C have a pro-oxidant effect?. <i>Nature</i> , 1998 , 395, 231-2	50.4	47
81	Accumulation of lipids and oxidatively damaged DNA in hepatocytes exposed to particles. <i>Toxicology and Applied Pharmacology</i> , 2014 , 274, 350-60	4.6	45
80	Applications of the comet assay in particle toxicology: air pollution and engineered nanomaterials exposure. <i>Mutagenesis</i> , 2015 , 30, 67-83	2.8	43
79	Out-of-hospital cardiac arrests and outdoor air pollution exposure in Copenhagen, Denmark. <i>PLoS ONE</i> , 2013 , 8, e53684	3.7	43
78	Long-term Exposure to Fine Particulate Matter and Breast Cancer Incidence in the Danish Nurse Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 428-430	4	42

77	Human exposure to traffic pollution. Experience from Danish studies. <i>Pure and Applied Chemistry</i> , 2001 , 73, 137-145	2.1	42
76	Assessment of impact of traffic-related air pollution on morbidity and mortality in Copenhagen Municipality and the health gain of reduced exposure. <i>Environment International</i> , 2018 , 121, 973-980	12.9	42
75	Carbon black nanoparticles promote endothelial activation and lipid accumulation in macrophages independently of intracellular ROS production. <i>PLoS ONE</i> , 2014 , 9, e106711	3.7	41
74	Vascular and lung function related to ultrafine and fine particles exposure assessed by personal and indoor monitoring: a cross-sectional study. <i>Environmental Health</i> , 2014 , 13, 112	6	41
73	Controlled exposure to particulate matter from urban street air is associated with decreased vasodilation and heart rate variability in overweight and older adults. <i>Particle and Fibre Toxicology</i> , 2015 , 12, 6	8.4	38
72	Searching for assay controls for the Fpg- and hOGG1-modified comet assay. <i>Mutagenesis</i> , 2018 , 33, 9-19	2.8	38
71	Residential exposure to traffic noise and risk of incident atrial fibrillation: A cohort study. <i>Environment International</i> , 2016 , 92-93, 457-63	12.9	36
70	Dioxin-like exposures and effects on estrogenic and androgenic exposures and micronuclei frequency in mother-newborn pairs. <i>Environment International</i> , 2010 , 36, 344-351	12.9	35
69	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016 , 371, 29-40	4.4	34
68	Controlled exposure to diesel exhaust and traffic noise--Effects on oxidative stress and activation in mononuclear blood cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 775, 66-71	3.3	33
67	Endothelial cell activation, oxidative stress and inflammation induced by a panel of metal-based nanomaterials. <i>Nanotoxicology</i> , 2015 , 9, 813-24	5.3	33
66	Iron-induced oxidative DNA damage in rat sperm cells in vivo and in vitro. <i>Free Radical Research</i> , 2000 , 32, 75-83	4	33
65	High fat diet induced oxidative DNA damage estimated by 8-oxo-7,8-dihydro-2-deoxyguanosine excretion in rats. <i>Free Radical Research</i> , 1998 , 29, 595-600	4	32
64	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. <i>Toxicology in Vitro</i> , 2016 , 36, 164-171	3.6	31
63	Different effects of anthocyanins and phenolic acids from wild blueberry (<i>Vaccinium angustifolium</i>) on monocytes adhesion to endothelial cells in a TNF- α stimulated proinflammatory environment. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2355-2366	5.9	31
62	Monocyte adhesion induced by multi-walled carbon nanotubes and palmitic acid in endothelial cells and alveolar-endothelial co-cultures. <i>Nanotoxicology</i> , 2016 , 10, 235-44	5.3	29
61	Plasma alkylresorcinol concentrations, biomarkers of whole-grain wheat and rye intake, in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>British Journal of Nutrition</i> , 2014 , 111, 1881-90	3.6	29
60	On the search for an intelligible comet assay descriptor. <i>Frontiers in Genetics</i> , 2014 , 5, 217	4.5	28

59	Age and metabolic risk factors associated with oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Oncotarget</i> , 2015 , 6, 2641-53	3.3	28
58	Long-term exposure to ambient air pollution and incidence of brain tumours: The Danish Nurse Cohort. <i>NeuroToxicology</i> , 2016 , 55, 122-130	4.4	27
57	Inhibition of oxidative DNA damage in vitro by extracts of brussels sprouts. <i>Free Radical Research</i> , 2000 , 33, 187-96	4	27
56	Association between polycyclic aromatic hydrocarbon exposure and peripheral blood mononuclear cell DNA damage in human volunteers during fire extinction exercises. <i>Mutagenesis</i> , 2018 , 33, 105-115	2.8	26
55	Effects of Leisure-Time and Transport-Related Physical Activities on the Risk of Incident and Recurrent Myocardial Infarction and Interaction With Traffic-Related Air Pollution: A Cohort Study. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	25
54	Statistical analysis of comet assay results. <i>Frontiers in Genetics</i> , 2014 , 5, 292	4.5	25
53	Nanomaterial-induced cell death in pulmonary and hepatic cells following exposure to three different metallic materials: The role of autophagy and apoptosis. <i>Nanotoxicology</i> , 2017 , 11, 184-200	5.3	23
52	Metronidazole clearance: a one-sample method and influencing factors. <i>Clinical Pharmacology and Therapeutics</i> , 1988 , 43, 420-8	6.1	23
51	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. <i>Mutagenesis</i> , 2014 , 29, 241-9	2.8	22
50	Exposure to ultrafine particles, intracellular production of reactive oxygen species in leukocytes and altered levels of endothelial progenitor cells. <i>Toxicology</i> , 2016 , 359-360, 11-8	4.4	21
49	Hepatic Hazard Assessment of Silver Nanoparticle Exposure in Healthy and Chronically Alcohol Fed Mice. <i>Toxicological Sciences</i> , 2017 , 158, 176-187	4.4	20
48	Exposure to ultrafine particles and respiratory hospitalisations in five European cities. <i>European Respiratory Journal</i> , 2016 , 48, 674-82	13.6	20
47	Assessment of polycyclic aromatic hydrocarbon exposure, lung function, systemic inflammation, and genotoxicity in peripheral blood mononuclear cells from firefighters before and after a work shift. <i>Environmental and Molecular Mutagenesis</i> , 2018 , 59, 539-548	3.2	20
46	Residential Radon Exposure and Skin Cancer Incidence in a Prospective Danish Cohort. <i>PLoS ONE</i> , 2015 , 10, e0135642	3.7	19
45	Long-term exposure to air pollution and stroke incidence: A Danish Nurse cohort study. <i>Environment International</i> , 2020 , 142, 105891	12.9	18
44	Anthocyanins and phenolic acids from a wild blueberry (<i>Vaccinium angustifolium</i>) powder counteract lipid accumulation in THP-1-derived macrophages. <i>European Journal of Nutrition</i> , 2016 , 55, 171-82	5.2	18
43	Lung inflammation and genotoxicity in mice lungs after pulmonary exposure to candle light combustion particles. <i>Toxicology Letters</i> , 2017 , 276, 31-38	4.4	17
42	No oxidative stress or DNA damage in peripheral blood mononuclear cells after exposure to particles from urban street air in overweight elderly. <i>Mutagenesis</i> , 2015 , 30, 635-42	2.8	17

41	Occupational exposure to ultrafine particles among airport employees--combining personal monitoring and global positioning system. <i>PLoS ONE</i> , 2014 , 9, e106671	3.7	17
40	Association between age and repair of oxidatively damaged DNA in human peripheral blood mononuclear cells. <i>Mutagenesis</i> , 2015 , 30, 695-700	2.8	16
39	Health effects of exposure to diesel exhaust in diesel-powered trains. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 21	8.4	15
38	Long-Term Exposure to Air Pollution and Incidence of Myocardial Infarction: A Danish Nurse Cohort Study. <i>Environmental Health Perspectives</i> , 2020 , 128, 57003	8.4	15
37	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. <i>Environmental Health</i> , 2017 , 16, 96	6	14
36	Inflammation and Vascular Effects after Repeated Intratracheal Instillations of Carbon Black and Lipopolysaccharide. <i>PLoS ONE</i> , 2016 , 11, e0160731	3.7	14
35	Hepatic oxidative stress, genotoxicity and vascular dysfunction in lean or obese Zucker rats. <i>PLoS ONE</i> , 2015 , 10, e0118773	3.7	13
34	Prediction of xenobiotic metabolism by non-invasive methods. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1990 , 67, 101-8		13
33	Copenhagen Airport Cohort: air pollution, manual baggage handling and health. <i>BMJ Open</i> , 2017 , 7, e012651		12
32	Inhalation of House Dust and Ozone Alters Systemic Levels of Endothelial Progenitor Cells, Oxidative Stress, and Inflammation in Elderly Subjects. <i>Toxicological Sciences</i> , 2018 , 163, 353-363	4.4	12
31	Dynamic regulation of cerebral DNA repair genes by psychological stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015 , 778, 37-43	3	11
30	Integrin Targeting and Toxicological Assessment of Peptide-Conjugated Liposome Delivery Systems to Activated Endothelial Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 120, 380-389	3.1	10
29	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science & Technology</i> , 2019 , 53, 4579-4587	10.3	9
28	Hepatic toxicity assessment of cationic liposome exposure in healthy and chronic alcohol fed mice. <i>Heliyon</i> , 2017 , 3, e00458	3.6	9
27	Cardiovascular disease and long-term occupational exposure to ultrafine particles: A cohort study of airport workers. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 223, 214-219	6.9	9
26	Vasomotor function in rat arteries after ex vivo and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 12	8.4	8
25	A Flow Cytometry-based Method for the Screening of Nanomaterial-induced Reactive Oxygen Species Production in Leukocytes Subpopulations in Whole Blood. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 149-156	3.1	8
24	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018 , 120, 321-327	4.7	8

23	Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. <i>Environment International</i> , 2020 , 143, 105983	12.9	8
22	Effect of combustion-derived particles on genotoxicity and telomere length: A study on human cells and exposed populations. <i>Toxicology Letters</i> , 2020 , 322, 20-31	4.4	7
21	Telomere shortening and aortic plaque progression in Apolipoprotein E knockout mice after pulmonary exposure to candle light combustion particles. <i>Mutagenesis</i> , 2018 , 33, 253-261	2.8	7
20	Residential ozone and lung function in the elderly. <i>Indoor and Built Environment</i> , 2016 , 25, 93-105	1.8	6
19	No significant paraquat-induced oxidative DNA damage in rats. <i>Free Radical Research</i> , 2000 , 32, 423-8	4	5
18	Long-term exposure to ambient air pollution and road traffic noise and asthma incidence in adults: The Danish Nurse cohort. <i>Environment International</i> , 2021 , 152, 106464	12.9	5
17	Interferometric Detection of Single Gold Nanoparticles Calibrated against TEM Size Distributions. <i>Small</i> , 2015 , 11, 3550-5	11	4
16	Long-term exposure to road traffic noise and stroke incidence: a Danish Nurse Cohort study. <i>Environmental Health</i> , 2021 , 20, 115	6	3
15	Long-term exposure to road traffic noise and incident myocardial infarction: A Danish Nurse Cohort study. <i>Environmental Epidemiology</i> , 2021 , 5, e148	0.2	3
14	Fish and salad consumption are inversely associated with levels of oxidatively damaged DNA in a Danish adult cohort. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 843, 66-72	3	3
13	Outdoor light at night and breast cancer incidence in the Danish Nurse Cohort. <i>Environmental Research</i> , 2021 , 194, 110631	7.9	3
12	Cohort profile and representativeness of participants in the Diet, Cancer and Health-Next Generations cohort study.. <i>European Journal of Epidemiology</i> , 2022 , 37, 117	12.1	2
11	Indoor home environments of Danish children and the socioeconomic position and health of their parents: A descriptive study.. <i>Environment International</i> , 2021 , 160, 107059	12.9	2
10	Long-term air pollution and road traffic noise exposure and COPD: the Danish Nurse Cohort. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
9	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE mice. <i>FASEB Journal</i> , 2021 , 35, e21307	0.9	2
8	Malondialdehyde and 8-oxo-7.8-dihydro-2'-deoxyguanosine in the urine of residents from Balkan endemic nephropathy area in Croatia--a pilot study. <i>Collegium Antropologicum</i> , 2013 , 37, 1195-8	0.1	2
7	Long-term exposure to road traffic noise and all-cause and cause-specific mortality: a Danish Nurse Cohort study.. <i>Science of the Total Environment</i> , 2022 , 820, 153057	10.2	1
6	Long-Term Exposure to Road Traffic Noise and Air Pollution, and Incident Atrial Fibrillation in the Danish Nurse Cohort. <i>Environmental Health Perspectives</i> , 2021 , 129, 87002	8.4	1

5	Inflammatory markers and lung function in relation to indoor and ambient air pollution.. <i>International Journal of Hygiene and Environmental Health</i> , 2022 , 241, 113944	6.9	1
4	Occupational exposure and markers of genetic damage, systemic inflammation and lung function: a Danish cross-sectional study among air force personnel. <i>Scientific Reports</i> , 2021 , 11, 17998	4.9	0
3	Long-term exposure to air pollution and mortality in a Danish nationwide administrative cohort study: Beyond mortality from cardiopulmonary disease and lung cancer.. <i>Environment International</i> , 2022 , 164, 107241	12.9	0
2	Particulates and Oxidative Stress 2011 , 249-271		
1	Complex Exposures [Air Pollution]343-358		