

Per Axel Clausen

List of Publications by Citations

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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.

75
papers

3,816
citations

38
h-index

61
g-index

75
ext. papers

4,235
ext. citations

5.8
avg. IF

5
L-index

#	Paper	IF	Citations
75	Long, needle-like carbon nanotubes and asbestos activate the NLRP3 inflammasome through a similar mechanism. <i>ACS Nano</i> , 2011 , 5, 6861-70	16.7	318
74	Organic compounds in office environments - sensory irritation, odor, measurements and the role of reactive chemistry. <i>Indoor Air</i> , 2006 , 16, 7-19	5.4	233
73	Emission of di-2-ethylhexyl phthalate from PVC flooring into air and uptake in dust: emission and sorption experiments in FLEC and CLIMPAQ. <i>Environmental Science & Technology</i> , 2004 , 38, 2531-7	10.3	184
72	Formation of strong airway irritants in terpene/ozone mixtures. <i>Indoor Air</i> , 2000 , 10, 82-91	5.4	183
71	Predicting residential exposure to phthalate plasticizer emitted from vinyl flooring: a mechanistic analysis. <i>Environmental Science & Technology</i> , 2009 , 43, 2374-80	10.3	145
70	Emission of phthalates from PVC and other materials. <i>Indoor Air</i> , 2004 , 14, 120-8	5.4	140
69	Influence of temperature on the emission of di-(2-ethylhexyl)phthalate (DEHP) from PVC flooring in the emission cell FLEC. <i>Environmental Science & Technology</i> , 2012 , 46, 909-15	10.3	133
68	Measuring and predicting the emission rate of phthalate plasticizer from vinyl flooring in a specially-designed chamber. <i>Environmental Science & Technology</i> , 2012 , 46, 12534-41	10.3	124
67	Chemical and biological evaluation of a reaction mixture of R-(+)-limonene/ozone: formation of strong airway irritants. <i>Environment International</i> , 2001 , 26, 511-22	12.9	95
66	Multi-walled carbon nanotube physicochemical properties predict pulmonary inflammation and genotoxicity. <i>Nanotoxicology</i> , 2016 , 10, 1263-75	5.3	94
65	Airway inflammation and adjuvant effect after repeated airborne exposures to di-(2-ethylhexyl)phthalate and ovalbumin in BALB/c mice. <i>Toxicology</i> , 2007 , 235, 119-29	4.4	94
64	Genotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in BEAS 2B cells. <i>Toxicology</i> , 2013 , 313, 38-48	4.4	85
63	Upper airway and pulmonary effects of oxidation products of (+)-alpha-pinene, d-limonene, and isoprene in BALB/c mice. <i>Inhalation Toxicology</i> , 2002 , 14, 663-84	2.7	85
62	Degradation products of Tenax TA formed during sampling and thermal desorption analysis: Indicators of reactive species indoors. <i>Atmospheric Environment</i> , 1997 , 31, 715-725	5.3	70
61	Formation of strong airway irritants in mixtures of isoprene/ozone and isoprene/ozone/nitrogen dioxide. <i>Environmental Health Perspectives</i> , 2001 , 109, 937-41	8.4	70
60	Acute airway effects of formaldehyde and ozone in BALB/c mice. <i>Human and Experimental Toxicology</i> , 1999 , 18, 400-9	3.4	67
59	Characterization of genotoxic response to 15 multiwalled carbon nanotubes with variable physicochemical properties including surface functionalizations in the FE1-Muta(TM) mouse lung epithelial cell line. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 183-203	3.2	65

58	Simultaneous extraction of di(2-ethylhexyl) phthalate and nonionic surfactants from house dust. Concentrations in floor dust from 15 Danish schools. <i>Journal of Chromatography A</i> , 2003 , 986, 179-90	4.5	63
57	Human reference values for acute airway effects of five common ozone-initiated terpene reaction products in indoor air. <i>Toxicology Letters</i> , 2013 , 216, 54-64	4.4	62
56	No cytotoxicity or genotoxicity of graphene and graphene oxide in murine lung epithelial FE1 cells in vitro. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 469-82	3.2	62
55	Influence of air flow rate on emission of DEHP from vinyl flooring in the emission cell FLEC: Measurements and CFD simulation. <i>Atmospheric Environment</i> , 2010 , 44, 2760-2766	5.3	60
54	Acute airway effects of ozone-initiated d-limonene chemistry: importance of gaseous products. <i>Toxicology Letters</i> , 2008 , 181, 171-6	4.4	60
53	Determination of ozone removal rates by selected building products using the FLEC emission cell. <i>Environmental Science & Technology</i> , 2001 , 35, 2548-53	10.3	60
52	'EUROPART'. Airborne particles in the indoor environment. A European interdisciplinary review of scientific evidence on associations between exposure to particles in buildings and health effects. <i>Indoor Air</i> , 2003 , 13, 38-48	5.4	56
51	Long-term Emission of Volatile Organic Compounds from Waterborne Paints [Methods of Comparison. <i>Indoor Air</i> , 1991 , 1, 562-576	5.4	55
50	The influence of humidity on the emission of di-(2-ethylhexyl) phthalate (DEHP) from vinyl flooring in the emission cell BLEC [Atmospheric Environment, 2007 , 41, 3217-3224	5.3	54
49	Release of VOCs and particles during use of nanofilm spray products. <i>Environmental Science & Technology</i> , 2009 , 43, 7824-30	10.3	52
48	Upper airway irritation of terpene/ozone oxidation products (TOPS). Dependence on reaction time, relative humidity and initial ozone concentration. <i>Toxicology Letters</i> , 2003 , 143, 109-14	4.4	47
47	The Danish Twin Apartment Study; Part I: Formaldehyde and Long-Term VOC Measurements. <i>Indoor Air</i> , 1991 , 1, 478-490	5.4	47
46	Biodistribution of Carbon Nanotubes in Animal Models. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 121 Suppl 3, 30-43	3.1	46
45	Degradation of the adsorbent Tenax TA by nitrogen oxides, ozone, hydrogen peroxide, OH radical, and limonene oxidation products. <i>Environmental Science & Technology</i> , 2002 , 36, 4121-6	10.3	45
44	Comparison Of Volatile Organic Compounds From Processed Paper And Toners From Office Copiers And Printers: Methods, Emission Rates, And Modeled Concentrations. <i>Indoor Air</i> , 1993 , 3, 113-123	5.4	45
43	Black tattoo inks induce reactive oxygen species production correlating with aggregation of pigment nanoparticles and product brand but not with the polycyclic aromatic hydrocarbon content. <i>Experimental Dermatology</i> , 2013 , 22, 464-9	4	44
42	Emission Of Volatile And Semivolatile Organic Compounds From Waterborne Paints [The Effect Of The Film Thickness. <i>Indoor Air</i> , 1993 , 3, 269-275	5.4	44
41	Dustiness behaviour of loose and compacted Bentonite and organoclay powders: What is the difference in exposure risk?. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 133-146	2.3	43

40	Airway effects of repeated exposures to ozone-initiated limonene oxidation products as model of indoor air mixtures. <i>Toxicology Letters</i> , 2012 , 209, 166-72	4.4	42
39	Application of the Field and Laboratory Emission Cell (FLEC) Performance Study, Intercomparison Study, and Case Study of Damaged Linoleum in an Office#. <i>Indoor Air</i> , 1995 , 5, 196-203	5.4	42
38	Effects of R-(+)- and S-(-)-limonene on the respiratory tract in mice. <i>Human and Experimental Toxicology</i> , 2000 , 19, 457-66	3.4	41
37	Characterization of Linoleum. Part 1: Measurement of Volatile Organic Compounds by use of the Field and Laboratory Emission Cell, (FLEC). <i>Indoor Air</i> , 1995 , 5, 38-43	5.4	38
36	Sensory evaluation of emissions from selected building products exposed to ozone. <i>Indoor Air</i> , 2003 , 13, 223-31	5.4	34
35	Determination of basic azaarenes and polynuclear aromatic hydrocarbons in airborne particulate matter by gas chromatography. <i>Analytica Chimica Acta</i> , 1986 , 187, 223-231	6.6	33
34	Limonene and its ozone-initiated reaction products attenuate allergic lung inflammation in mice. <i>Journal of Immunotoxicology</i> , 2016 , 13, 793-803	3.1	28
33	Dermal uptake and percutaneous penetration of organophosphate esters in a human skin ex vivo model. <i>Chemosphere</i> , 2018 , 197, 185-192	8.4	26
32	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
31	Airport emission particles: exposure characterization and toxicity following intratracheal instillation in mice. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 23	8.4	23
30	Documentation Of Field And Laboratory Emission Cell (FLEC) Identification Of Emission Processes From Carpet, Linoleum, Paint, And Sealant By Modeling?. <i>Indoor Air</i> , 1993 , 3, 291-297	5.4	22
29	Formation and stability of secondary ozonides from monoterpenes studied by mass spectrometry. <i>Chemosphere</i> , 2009 , 76, 572-7	8.4	21
28	Mechanisms of Acute Inhalation Effects of (+) and (-)-Pinene in BALB/c Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 420-428	3.1	20
27	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
26	Study of ozone-initiated limonene reaction products by low temperature plasma ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 1090-6	3.5	19
25	Acute airway effects of airborne formaldehyde in sensitized and non-sensitized mice housed in a dry or humid environment. <i>Toxicology and Applied Pharmacology</i> , 2013 , 268, 294-9	4.6	17
24	Evaluation of automatic thermal desorption-capillary GC for determination of semivolatile organic compounds (SVOCs) in indoor air. <i>Journal of High Resolution Chromatography</i> , 1997 , 20, 99-108		17
23	Adjuvant and inflammatory effects in mice after subchronic inhalation of allergen and ozone-initiated limonene reaction products. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013 , 76, 1085-95	3.2	16

22	Gas chromatography interfaced with atmospheric pressure ionization-quadrupole time-of-flight-mass spectrometry by low-temperature plasma ionization. <i>Analytical Chemistry</i> , 2013 , 85, 28-32	7.8	16
21	The impact of information on perceived air quality--'organic' vs. 'synthetic' building materials. <i>Indoor Air</i> , 2007 , 17, 130-4	5.4	15
20	Experimental estimation of migration and transfer of organic substances from consumer articles to cotton wipes: Evaluation of underlying mechanisms. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 104-12	6.7	14
19	Cardiovascular health effects following exposure of human volunteers during fire extinction exercises. <i>Environmental Health</i> , 2017 , 16, 96	6	14
18	Gas chromatographic analysis of free fatty acids and fatty acid salts extracted with neutral and acidified dichloromethane from office floor dust. <i>Journal of Chromatography A</i> , 1998 , 814, 161-170	4.5	14
17	Use of thermal desorption gas chromatography-olfactometry/mass spectrometry for the comparison of identified and unidentified odor active compounds emitted from building products containing linseed oil. <i>Journal of Chromatography A</i> , 2008 , 1210, 203-11	4.5	14
16	Particle characterization and toxicity in C57BL/6 mice following instillation of five different diesel exhaust particles designed to differ in physicochemical properties. <i>Particle and Fibre Toxicology</i> , 2020 , 17, 38	8.4	14
15	Carbon black nanoparticles and other problematic constituents of black ink and their potential to harm tattooed humans. <i>Current Problems in Dermatology</i> , 2015 , 48, 170-5		13
14	Thermogravimetry and Mass Spectrometry of Extractable Organics from Manufactured Nanomaterials for Identification of Potential Coating Components. <i>Materials</i> , 2019 , 12,	3.5	12
13	Modelling the impact of room temperature on concentrations of polychlorinated biphenyls (PCBs) in indoor air. <i>Chemosphere</i> , 2016 , 144, 2127-33	8.4	11
12	Exposure to Air Pollution inside Electric and Diesel-Powered Passenger Trains. <i>Environmental Science & Technology</i> , 2019 , 53, 4579-4587	10.3	9
11	Interactions between nanoparticles and lung surfactant investigated by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015 , 29, 1080-6	2.2	9
10	Can We Trust Real Time Measurements of Lung Deposited Surface Area Concentrations in Dust from Powder Nanomaterials?. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 1105-1117	4.6	8
9	Ozone reaction characteristics of indoor floor dust examined in the emission cell "FLEC". <i>Chemosphere</i> , 2014 , 107, 230-239	8.4	7
8	Occupational Exposure and Environmental Release: The Case Study of Pouring TiO and Filler Materials for Paint Production. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6
7	Formation of ozone-initiated VOCs and secondary organic aerosol following application of a carpet deodorizer. <i>Atmospheric Environment</i> , 2020 , 222, 117149	5.3	5
6	Biocidal spray product exposure: Measured gas, particle, and surface concentrations compared with spray model simulations. <i>Journal of Occupational and Environmental Hygiene</i> , 2020 , 17, 15-29	2.9	5
5	Sampling and Analysis of SVOCs and POMs in Indoor Air		5

4	Organomodified nanoclays induce less inflammation, acute phase response, and genotoxicity than pristine nanoclays in mice lungs. <i>Nanotoxicology</i> , 2020 , 14, 869-892	5.3	4
3	Measurement of PCB emissions from building surfaces using a novel portable emission test cell. <i>Building and Environment</i> , 2016 , 101, 77-84	6.5	4
2	Refinement of the selection of physicochemical properties for grouping and read-across of nanoforms.. <i>NanoImpact</i> , 2022 , 25, 100375	5.6	2
1	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