

Marit LÃ¥g

List of Publications by Year in descending order

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65
papers

2,703
citations

159585

30
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

3844
citing authors

#	ARTICLE	IF	CITATIONS
1	The pro-inflammatory effects of combined exposure to diesel exhaust particles and mineral particles in human bronchial epithelial cells. <i>Particle and Fibre Toxicology</i> , 2022, 19, 14.	6.2	15
2	The importance of mineralogical composition for the cytotoxic and pro-inflammatory effects of mineral dust. <i>Particle and Fibre Toxicology</i> , 2022, 19, .	6.2	4
3	Road tunnel-derived coarse, fine and ultrafine particulate matter: physical and chemical characterization and pro-inflammatory responses in human bronchial epithelial cells. <i>Particle and Fibre Toxicology</i> , 2022, 19, .	6.2	6
4	Respirable stone particles differ in their ability to induce cytotoxicity and pro-inflammatory responses in cell models of the human airways. <i>Particle and Fibre Toxicology</i> , 2021, 18, 18.	6.2	16
5	Role of scavenger receptors in silica nanoparticle-induced cytokine responses in bronchial epithelial cells. <i>Toxicology Letters</i> , 2021, 353, 100-106.	0.8	2
6	Per- and polyfluoroalkyl substances (PFASs) modify lung surfactant function and pro-inflammatory responses in human bronchial epithelial cells. <i>Toxicology in Vitro</i> , 2020, 62, 104656.	2.4	47
7	Synthetic hydrosilicate nanotubes induce low pro-inflammatory and cytotoxic responses compared to natural chrysotile in lung cell cultures. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 126, 374-388.	2.5	7
8	Potential role of polycyclic aromatic hydrocarbons in air pollution-induced non-malignant respiratory diseases. <i>Respiratory Research</i> , 2020, 21, 299.	3.6	88
9	Pro-inflammatory effects of crystalline- and nano-sized non-crystalline silica particles in a 3D alveolar model. <i>Particle and Fibre Toxicology</i> , 2020, 17, 13.	6.2	42
10	Potential role of polycyclic aromatic hydrocarbons as mediators of cardiovascular effects from combustion particles. <i>Environmental Health</i> , 2019, 18, 74.	4.0	110
11	Concentration-dependent cytokine responses of silica nanoparticles and role of ROS in human lung epithelial cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 304-314.	2.5	18
12	Silica Nanoparticle-induced Cytokine Responses in BEAS-2B and HBEC3-KT Cells: Significance of Particle Size and Signaling Pathways in Different Lung Cell Cultures. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 620-632.	2.5	32
13	Early life exposure to air pollution particulate matter (PM) as risk factor for attention deficit/hyperactivity disorder (ADHD): Need for novel strategies for mechanisms and causalities. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 196-214.	2.8	61
14	Lipophilic components of diesel exhaust particles induce pro-inflammatory responses in human endothelial cells through AhR dependent pathway(s). <i>Particle and Fibre Toxicology</i> , 2018, 15, 21.	6.2	52
15	Triggering Mechanisms and Inflammatory Effects of Combustion Exhaust Particles with Implication for Carcinogenesis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 55-62.	2.5	39
16	Activation of Proinflammatory Responses in Cells of the Airway Mucosa by Particulate Matter: Oxidant- and Non-Oxidant-Mediated Triggering Mechanisms. <i>Biomolecules</i> , 2015, 5, 1399-1440.	4.0	182
17	Cytokine responses induced by diesel exhaust particles are suppressed by PAR-2 silencing and antioxidant treatment, and driven by polar and non-polar soluble constituents. <i>Toxicology Letters</i> , 2015, 238, 72-82.	0.8	18
18	Differential proinflammatory responses induced by diesel exhaust particles with contrasting PAH and metal content. <i>Environmental Toxicology</i> , 2015, 30, 188-196.	4.0	63

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19	Differential NF- κ B and MAPK activation underlies fluoride- and TPA-mediated CXCL8 (IL-8) induction in lung epithelial cells. <i>Journal of Inflammation Research</i> , 2014, 7, 169.	3.5	21
20	The occurrence of polycyclic aromatic hydrocarbons and their derivatives and the proinflammatory potential of fractionated extracts of diesel exhaust and wood smoke particles. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 383-396.	1.7	43
21	AhR and Arnt differentially regulate NF- κ B signaling and chemokine responses in human bronchial epithelial cells. <i>Cell Communication and Signaling</i> , 2014, 12, 48.	6.5	65
22	Toll like receptor-3 priming alters diesel exhaust particle-induced cytokine responses in human bronchial epithelial cells. <i>Toxicology Letters</i> , 2014, 228, 42-47.	0.8	13
23	Silica nanoparticles induce cytokine responses in lung epithelial cells through activation of a p38/TACE/TGF- β /EGFR-pathway and NF- κ B signalling. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 76-86.	2.8	39
24	Mechanisms of chemokine responses by polycyclic aromatic hydrocarbons in bronchial epithelial cells: Sensitization through toll-like receptor-3 priming. <i>Toxicology Letters</i> , 2013, 219, 125-132.	0.8	24
25	Cell Toxicity and Oxidative Potential of Engine Exhaust Particles: Impact of Using Particulate Filter or Biodiesel Fuel Blend. <i>Environmental Science & Technology</i> , 2013, 47, 5931-5938.	10.0	62
26	Differential chemokine induction by 1-nitropyrene and 1-aminopyrene in bronchial epithelial cells: Importance of the TACE/TGF- β /EGFR-pathway. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 235-239.	4.0	14
27	Importance of agglomeration state and exposure conditions for uptake and pro-inflammatory responses to amorphous silica nanoparticles in bronchial epithelial cells. <i>Nanotoxicology</i> , 2012, 6, 700-712.	3.0	35
28	Differential effects of the particle core and organic extract of diesel exhaust particles. <i>Toxicology Letters</i> , 2012, 208, 262-268.	0.8	89
29	Comparison of non-crystalline silica nanoparticles in IL-1 β release from macrophages. <i>Particle and Fibre Toxicology</i> , 2012, 9, 32.	6.2	122
30	Diesel exhaust particles induce CYP1A1 and pro-inflammatory responses via differential pathways in human bronchial epithelial cells. <i>Particle and Fibre Toxicology</i> , 2010, 7, 41.	6.2	141
31	Cadmium-induced inflammatory responses in cells relevant for lung toxicity: Expression and release of cytokines in fibroblasts, epithelial cells and macrophages. <i>Toxicology Letters</i> , 2010, 193, 252-260.	0.8	103
32	Mechanisms involved in ultrafine carbon black-induced release of IL-6 from primary rat epithelial lung cells. <i>Toxicology in Vitro</i> , 2010, 24, 10-20.	2.4	25
33	Signalling pathways involved in 1-nitropyrene (1-NP)-induced and 3-nitrofluoranthene (3-NF)-induced cell death in Hepa1c1c7 cells. <i>Mutagenesis</i> , 2009, 24, 481-493.	2.6	16
34	3-Nitrofluoranthene (3-NF) but not 3-aminofluoranthene (3-AF) elicits apoptosis as well as programmed necrosis in Hepa1c1c7 cells. <i>Toxicology</i> , 2009, 255, 140-150.	4.2	14
35	Role of IL-1 β and COX2 in silica-induced IL-6 release and loss of pneumocytes in co-cultures. <i>Toxicology in Vitro</i> , 2009, 23, 1342-1353.	2.4	21
36	IL-1beta differently involved in IL-8 and FGF-2 release in crystalline silica-treated lung cell co-cultures. <i>Particle and Fibre Toxicology</i> , 2008, 5, 16.	6.2	31

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37	Pro-inflammatory potential of ultrafine particles in mono- and co-cultures of primary cardiac cells. <i>Toxicology</i> , 2008, 247, 23-32.	4.2	28
38	Fluoride-induced IL-8 release in human epithelial lung cells: Relationship to EGF-receptor-, SRC- and MAP-kinase activation. <i>Toxicology and Applied Pharmacology</i> , 2008, 227, 56-67.	2.8	17
39	1-Nitropyrene (1-NP) induces apoptosis and apparently a non-apoptotic programmed cell death (paraptosis) in Hepa1c1c7 cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 175-186.	2.8	42
40	Particles from wood smoke and traffic induce differential pro-inflammatory response patterns in co-cultures. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 317-326.	2.8	70
41	The ability of oxidative stress to mimic quartz-induced chemokine responses is lung cell line-dependent. <i>Toxicology Letters</i> , 2008, 181, 75-80.	0.8	18
42	Particle-Induced Cytokine Responses in Cardiac Cell Cultures – the Effect of Particles versus Soluble Mediators Released by Particle-Exposed Lung Cells. <i>Toxicological Sciences</i> , 2008, 106, 233-241.	3.1	34
43	Regulation of rat alveolar type 2 cell proliferation in vitro involves type II cAMP-dependent protein kinase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L232-L239.	2.9	8
44	Different particle determinants induce apoptosis and cytokine release in primary alveolar macrophage cultures. <i>Particle and Fibre Toxicology</i> , 2006, 3, 10.	6.2	23
45	Mechanisms of silica-induced IL-8 release from A549 cells: Initial kinase-activation does not require EGFR activation or particle uptake. <i>Toxicology</i> , 2006, 227, 105-116.	4.2	35
46	Metabolism of nilutamide in rat lung. <i>Biochemical Pharmacology</i> , 2006, 71, 377-385.	4.4	11
47	Role of mitogen activated protein kinases and protein kinase C in cadmium-induced apoptosis of primary epithelial lung cells. <i>Toxicology</i> , 2005, 211, 253-264.	4.2	59
48	Role of cell signaling in B[a]P-induced apoptosis: characterization of unspecific effects of cell signaling inhibitors and apoptotic effects of B[a]P metabolites. <i>Chemico-Biological Interactions</i> , 2005, 151, 101-119.	4.0	55
49	Cytokine release from alveolar macrophages exposed to ambient particulate matter: heterogeneity in relation to size, city and season. <i>Particle and Fibre Toxicology</i> , 2005, 2, 4.	6.2	135
50	p38 and Src-ERK1/2 Pathways Regulate Crystalline Silica-Induced Chemokine Release in Pulmonary Epithelial Cells. <i>Toxicological Sciences</i> , 2004, 81, 480-490.	3.1	64
51	Polycyclic aromatic hydrocarbons induce both apoptotic and anti-apoptotic signals in Hepa1c1c7 cells. <i>Carcinogenesis</i> , 2003, 25, 809-819.	2.8	112
52	Fluoride-induced apoptosis in human epithelial lung cells (A549 cells): role of different G protein-linked signal systems. <i>Human and Experimental Toxicology</i> , 2003, 22, 111-123.	2.2	71
53	Mineral composition other than quartz is a critical determinant of the particle inflammatory potential. <i>International Journal of Hygiene and Environmental Health</i> , 2002, 204, 327-331.	4.3	11
54	Mechanisms in fluoride-induced interleukin-8 synthesis in human lung epithelial cells. <i>Toxicology</i> , 2001, 167, 145-158.	4.2	25

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55	PERSISTENT VERSUS TRANSIENT MAP KINASE (ERK) ACTIVATION IN THE PROLIFERATION OF LUNG EPITHELIAL TYPE 2 CELLS. <i>Experimental Lung Research</i> , 2001, 27, 387-400.	1.2	19
56	Regulation of CCSP (PCB-BP/Uteroglobin) Expression in Primary Cultures of Lung Cells: Involvement of C/EBP. <i>DNA and Cell Biology</i> , 1998, 17, 481-492.	1.9	35
57	Expression of Cyp2B1 in Freshly Isolated and Proliferating Cultures of Epithelial Rat Lung Cells. <i>Experimental Lung Research</i> , 1996, 22, 627-649.	1.2	46
58	Mutagenic activity of halogenated propanes and propenes: effect of bromine and chlorine positioning. <i>Chemico-Biological Interactions</i> , 1994, 93, 73-84.	4.0	23
59	Prevention of 1,2-dibromo-3-chloropropane (DBCP)-induced kidney necrosis and testicular atrophy by 3-aminobenzamide. <i>Toxicology and Applied Pharmacology</i> , 1991, 110, 118-128.	2.8	6
60	Species Differences in Kidney Necrosis and DNA Damage, Distribution and Glutathione-Dependent Metabolism of 1,2-Dibromo-3-chloropropane (DBCP). <i>Basic and Clinical Pharmacology and Toxicology</i> , 1990, 66, 287-293.	0.0	10
61	Metabolism of selectively methylated and deuterated analogs of 1,2-dibromo-3-chloropropane: Role in organ toxicity and mutagenicity. <i>Chemico-Biological Interactions</i> , 1989, 69, 33-44.	4.0	7
62	Species differences in testicular necrosis and DNA damage, distribution and metabolism of 1,2-dibromo-3-chloropropane (DBCP). <i>Toxicology</i> , 1989, 58, 133-144.	4.2	30
63	Role of P-450 activity and glutathione levels in 1,2-dibromo-3-chloropropane tissue distribution, renal necrosis and in vivo DNA damage. <i>Toxicology</i> , 1989, 56, 273-288.	4.2	19
64	Ion transport and cadmium-induced inhibition of ciliary activity and induction of swelling of epithelial cells in mouse trachea organ culture. <i>Toxicology</i> , 1987, 47, 247-258.	4.2	3
65	Effects of cadmium acetate and sodium selenite on mucociliary functions and adenosine triphosphate content in mouse trachea organ cultures. <i>Toxicology</i> , 1986, 39, 323-332.	4.2	7