

Karin S Hougaard

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129
papers

3,385
citations

33
h-index

54
g-index

150
ext. papers

3,943
ext. citations

4.8
avg, IF

5.17
L-index

#	Paper	IF	Citations
129	The epidemiologic evidence linking prenatal and postnatal exposure to endocrine disrupting chemicals with male reproductive disorders: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2016 , 23, 104-125	15.8	168
128	Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. <i>Particle and Fibre Toxicology</i> , 2010 , 7, 16	8.4	162
127	Reproductive and developmental toxicity of carbon-based nanomaterials: A literature review. <i>Nanotoxicology</i> , 2016 , 10, 391-412	5.3	129
126	Pulmonary response to surface-coated nanotitanium dioxide particles includes induction of acute phase response genes, inflammatory cascades, and changes in microRNAs: a toxicogenomic study. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 425-39	3.2	129
125	Pulmonary exposure to carbon black by inhalation or instillation in pregnant mice: effects on liver DNA strand breaks in dams and offspring. <i>Nanotoxicology</i> , 2012 , 6, 486-500	5.3	118
124	A perspective on the developmental toxicity of inhaled nanoparticles. <i>Reproductive Toxicology</i> , 2015 , 56, 118-40	3.4	117
123	Prenatal maternal stress and atopic diseases in the child: a systematic review of observational human studies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 15-26	9.3	94
122	Effects of prenatal exposure to diesel exhaust particles on postnatal development, behavior, genotoxicity and inflammation in mice. <i>Particle and Fibre Toxicology</i> , 2008 , 5, 3	8.4	91
121	Particle-induced pulmonary acute phase response correlates with neutrophil influx linking inhaled particles and cardiovascular risk. <i>PLoS ONE</i> , 2013 , 8, e69020	3.7	88
120	Exposure of pregnant mice to carbon black by intratracheal instillation: toxicogenomic effects in dams and offspring. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 745, 73-83	3	85
119	Effects of pre- and postnatal exposure to the UV-filter octyl methoxycinnamate (OMC) on the reproductive, auditory and neurological development of rat offspring. <i>Toxicology and Applied Pharmacology</i> , 2011 , 250, 278-90	4.6	84
118	Associations between serum phthalates and biomarkers of reproductive function in 589 adult men. <i>Environment International</i> , 2014 , 66, 146-56	12.9	77
117	Exposure to the widely used fungicide mancozeb causes thyroid hormone disruption in rat dams but no behavioral effects in the offspring. <i>Toxicological Sciences</i> , 2011 , 120, 439-46	4.4	72
116	Formation of strong airway irritants in a model mixture of (+)- β -pinene/ozone. <i>Atmospheric Environment</i> , 1999 , 33, 693-698	5.3	72
115	Acute airway effects of formaldehyde and ozone in BALB/c mice. <i>Human and Experimental Toxicology</i> , 1999 , 18, 400-9	3.4	67
114	Daily sperm production: application in studies of prenatal exposure to nanoparticles in mice. <i>Reproductive Toxicology</i> , 2013 , 36, 88-97	3.4	63
113	Validation of freezing tissues and cells for analysis of DNA strand break levels by comet assay. <i>Mutagenesis</i> , 2013 , 28, 699-707	2.8	63

112	Sperm DNA integrity in relation to exposure to environmental perfluoroalkyl substances - a study of spouses of pregnant women in three geographical regions. <i>Reproductive Toxicology</i> , 2012 , 33, 577-583 ^{3,4}		58
111	Developmental neurotoxicity after toluene inhalation exposure in rats. <i>Neurotoxicology and Teratology</i> , 1999 , 21, 349-57	3.9	58
110	Effects of prenatal exposure to toluene on postnatal development and behavior in rats. <i>Neurotoxicology and Teratology</i> , 1999 , 21, 241-50	3.9	57
109	Effects of lung exposure to carbon nanotubes on female fertility and pregnancy. A study in mice. <i>Reproductive Toxicology</i> , 2013 , 41, 86-97	3.4	56
108	Developmental neurotoxicity of propylthiouracil (PTU) in rats: relationship between transient hypothyroxinemia during development and long-lasting behavioural and functional changes. <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 1-13	4.6	54
107	Prenatal exposure to carbon black (printex 90): effects on sexual development and neurofunction. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 109, 434-7	3.1	49
106	Maternal inhalation of surface-coated nanosized titanium dioxide (UV-Titan) in C57BL/6 mice: effects in prenatally exposed offspring on hepatic DNA damage and gene expression. <i>Nanotoxicology</i> , 2013 , 7, 85-96	5.3	48
105	Physicochemical predictors of Multi-Walled Carbon Nanotube-induced pulmonary histopathology and toxicity one year after pulmonary deposition of 11 different Multi-Walled Carbon Nanotubes in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 211-227	3.1	48
104	Effects of prenatal exposure to chronic mild stress and toluene in rats. <i>Neurotoxicology and Teratology</i> , 2005 , 27, 153-67	3.9	44
103	Carbon black nanoparticle intratracheal installation results in large and sustained changes in the expression of miR-135b in mouse lung. <i>Environmental and Molecular Mutagenesis</i> , 2012 , 53, 462-8	3.2	42
102	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
101	Prenatal stress may increase vulnerability to life events: comparison with the effects of prenatal dexamethasone. <i>Developmental Brain Research</i> , 2005 , 159, 55-63		40
100	Maternal inhalation of carbon black nanoparticles induces neurodevelopmental changes in mouse offspring. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 36	8.4	40
99	An experimental protocol for maternal pulmonary exposure in developmental toxicology. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 108, 202-7	3.1	39
98	The Murine Lung Microbiome Changes During Lung Inflammation and Intranasal Vancomycin Treatment. <i>Open Microbiology Journal</i> , 2015 , 9, 167-79	0.8	39
97	Developmental toxicity of toluene in male rats: effects on semen quality, testis morphology, and apoptotic neurodegeneration. <i>Archives of Toxicology</i> , 2001 , 75, 103-9	5.8	34
96	Impact of Di-2-Ethylhexyl Phthalate Metabolites on Male Reproductive Function: a Systematic Review of Human Evidence. <i>Current Environmental Health Reports</i> , 2018 , 5, 20-33	6.5	32
95	Effects of developmental exposure to silver in ionic and nanoparticle form: A study in rats. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2016 , 24, 24	3.9	31

94	Exposure to psychosocial job strain during pregnancy and odds of asthma and atopic dermatitis among 7-year old children - a prospective cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014 , 40, 639-48	4.3	30
93	Prenatal exposure to diesel exhaust particles and effect on the male reproductive system in mice. <i>Toxicology</i> , 2009 , 264, 61-8	4.4	27
92	Recent insights on indirect mechanisms in developmental toxicity of nanomaterials. <i>Particle and Fibre Toxicology</i> , 2020 , 17, 31	8.4	27
91	Maternal inflammation has a profound effect on cortical interneuron development in a stage and subtype-specific manner. <i>Molecular Psychiatry</i> , 2020 , 25, 2313-2329	15.1	26
90	NanoTiO ₂ (UV-Titan) does not induce ESTR mutations in the germline of prenatally exposed female mice. <i>Particle and Fibre Toxicology</i> , 2012 , 9, 19	8.4	25
89	Germline mutation rates in mice following in utero exposure to diesel exhaust particles by maternal inhalation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 712, 55-8	3.3	25
88	Prenatal and adult stress interplay--behavioral implications. <i>Brain Research</i> , 2010 , 1320, 106-13	3.7	25
87	Effects of combined prenatal stress and toluene exposure on apoptotic neurodegeneration in cerebellum and hippocampus of rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 94, 169-76		24
86	Toward Rigorous Materials Production: New Approach Methodologies Have Extensive Potential to Improve Current Safety Assessment Practices. <i>Small</i> , 2020 , 16, e1904749	11	24
85	Chemicals inhaled from spray cleaning and disinfection products and their respiratory effects. A comprehensive review. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 229, 113592	6.9	23
84	Occupational exposure during handling and loading of halloysite nanotubes - A case study of counting nanofibers. <i>NanoImpact</i> , 2018 , 10, 153-160	5.6	22
83	In utero exposure to nanosized carbon black (Printex90) does not induce tandem repeat mutations in female murine germ cells. <i>Reproductive Toxicology</i> , 2013 , 41, 45-8	3.4	22
82	Chronic maternal inflammation or high-fat-feeding programs offspring obesity in a sex-dependent manner. <i>International Journal of Obesity</i> , 2017 , 41, 1420-1426	5.5	21
81	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
80	Chronic high-fat diet increases acute neuroendocrine stress response independently of prenatal dexamethasone treatment in male rats. <i>Acta Neuropsychiatrica</i> , 2014 , 26, 8-18	3.9	19
79	The risk of infertility among hairdressers. Five-year follow-up of female hairdressers in a Danish national registry. <i>Human Reproduction</i> , 2006 , 21, 3122-6	5.7	19
78	Risk of cryptorchidism among sons of horticultural workers and farmers in Denmark. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014 , 40, 323-30	4.3	19
77	Bile salt enhancers for inhalation: Correlation between in vitro and in vivo lung effects. <i>International Journal of Pharmaceutics</i> , 2018 , 550, 114-122	6.5	18

76	Enhancement of developmental toxicity effects of chemicals by gestational stress. A review. <i>Neurotoxicology and Teratology</i> , 2007 , 29, 425-45	3.9	18
75	Identification of Gene Transcription Start Sites and Enhancers Responding to Pulmonary Carbon Nanotube Exposure in Vivo. <i>ACS Nano</i> , 2017 , 11, 3597-3613	16.7	17
74	Psychosocial job strain and risk of adverse birth outcomes: a study within the Danish national birth cohort. <i>Occupational and Environmental Medicine</i> , 2013 , 70, 845-51	2.1	17
73	Airway exposure to multi-walled carbon nanotubes disrupts the female reproductive cycle without affecting pregnancy outcomes in mice. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 17	8.4	17
72	Diesel exhaust particles: effects on neurofunction in female mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 105, 139-43	3.1	17
71	Pulmonary exposure to carbonaceous nanomaterials and sperm quality. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 10	8.4	16
70	Increased incidence of infertility treatment among women working in the plastics industry. <i>Reproductive Toxicology</i> , 2009 , 27, 186-9	3.4	16
69	Increased surface area of halloysite nanotubes due to surface modification predicts lung inflammation and acute phase response after pulmonary exposure in mice. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 73, 103266	5.8	16
68	Prediction of acute inhalation toxicity using in vitro lung surfactant inhibition. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018 , 35, 26-36	4.3	15
67	Timescales of developmental toxicity impacting on research and needs for intervention. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125 Suppl 3, 70-80	3.1	14
66	Health Effects of PCBs in Residences and Schools (HESPERUS): PCB - health Cohort Profile. <i>Scientific Reports</i> , 2016 , 6, 24571	4.9	13
65	Airway exposure to TiO nanoparticles and quartz and effects on sperm counts and testosterone levels in male mice. <i>Reproductive Toxicology</i> , 2019 , 90, 134-140	3.4	12
64	Night work and hypertensive disorders of pregnancy: a national register-based cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018 , 44, 403-413	4.3	12
63	Effects of maternal inhalation of carbon black nanoparticles on reproductive and fertility parameters in a four-generation study of male mice. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 13	8.4	11
62	Developmental toxicity of engineered nanoparticles 2011 , 269-290		11
61	Toluene depresses plasma corticosterone in pregnant rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 92, 148-52		11
60	Influence of dietary triacylglycerol structure and level of n-3 fatty acids administered during development on brain phospholipids and memory and learning ability of rats. <i>Annals of Nutrition and Metabolism</i> , 2004 , 48, 16-27	4.5	10
59	Changes in markers of oxidative stress and membrane properties in synaptosomes from rats exposed prenatally to toluene. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002 , 90, 26-31		10

58	Improving the foundation for particulate matter risk assessment by individual nanoparticle statistics from electron microscopy analysis. <i>Scientific Reports</i> , 2019 , 9, 8093	4.9	9
57	Night work during pregnancy and preterm birth-A large register-based cohort study. <i>PLoS ONE</i> , 2019 , 14, e0215748	3.7	9
56	Complex Aerosol Characterization by Scanning Electron Microscopy Coupled with Energy Dispersive X-ray Spectroscopy. <i>Scientific Reports</i> , 2020 , 10, 9150	4.9	9
55	Night work and sick leave during pregnancy: a national register-based within-worker cohort study. <i>Occupational and Environmental Medicine</i> , 2019 , 76, 163-168	2.1	8
54	Risk of cryptorchidism and hypospadias among boys of maternal hairdressers - a Danish population-based cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013 , 39, 302-9	4.3	8
53	Maternal occupational exposure to asthrogens during pregnancy and risk of asthma in 7-year-old children: a cohort study. <i>BMJ Open</i> , 2013 , 3,	3	8
52	Gestational chronic mild stress: effects on acoustic startle in male offspring of rats. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 495-500	2.7	8
51	No evidence for enhanced noise induced hearing loss after prenatal stress or dexamethasone. <i>Neurotoxicology and Teratology</i> , 2007 , 29, 613-21	3.9	8
50	Parental occupational exposure pre- and post-conception and development of asthma in offspring. <i>International Journal of Epidemiology</i> , 2021 , 49, 1856-1869	7.8	8
49	Influence of diurnal phase on startle response in adult rats exposed to dexamethasone in utero. <i>Physiology and Behavior</i> , 2011 , 102, 444-52	3.5	7
48	Complex IV subunit isoform COX6A2 protects fast-spiking interneurons from oxidative stress and supports their function. <i>EMBO Journal</i> , 2020 , 39, e105759	13	7
47	An adverse outcome pathway for lung surfactant function inhibition leading to decreased lung function. <i>Current Research in Toxicology</i> , 2021 , 2, 225-236	2.7	7
46	How do women with lupus manage fatigue? A focus group study. <i>Clinical Rheumatology</i> , 2016 , 35, 1957-1965	3.9	6
45	Socio-occupational class, region of birth and maternal age: influence on time to detection of cryptorchidism (undescended testes): a Danish nationwide register study. <i>BMC Urology</i> , 2014 , 14, 23	2.2	6
44	Reproductive Toxicity 2012 , 225-242		6
43	Testing the association between psychosocial job strain and adverse birth outcomes--design and methods. <i>BMC Public Health</i> , 2011 , 11, 255	4.1	6
42	Reduced mobility but unaffected startle response in female rats exposed to prenatal dexamethasone: different sides to a phenotype. <i>Developmental Neuroscience</i> , 2010 , 32, 208-16	2.2	6
41	Birth weight for gestational age and the risk of infertility: a Danish cohort study. <i>Human Reproduction</i> , 2020 , 35, 195-202	5.7	6

40	Urinary Bisphenol A, F and S Levels and Semen Quality in Young Adult Danish Men. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6
39	Combined exposure to lifting and psychosocial strain at work and adverse pregnancy outcomes-A study in the Danish National Birth Cohort. <i>PLoS ONE</i> , 2018 , 13, e0201842	3.7	6
38	Risk of childhood asthma following prenatal exposure to negative life events and job stressors: A nationwide register-based study in Denmark. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019 , 45, 174-182	4.3	5
37	The influence of multiple occupational exposures on absence from work in pregnancy: a prospective cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2020 , 46, 60-68	4.3	5
36	Molecular and biophysical basis for the disruption of lung surfactant function by chemicals. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021 , 1863, 183499	3.8	5
35	Fetal exposure to paternal smoking and semen quality in the adult son. <i>Andrology</i> , 2020 , 8, 1117-1125	4.2	4
34	Analysis of Electron Transparent Beam-Sensitive Samples Using Scanning Electron Microscopy Coupled With Energy-Dispersive X-ray Spectroscopy. <i>Microscopy and Microanalysis</i> , 2020 , 26, 373-386	0.5	4
33	Male-mediated infertility in sons of building painters and gardeners: a nationwide register-based follow-up study. <i>Reproductive Toxicology</i> , 2012 , 34, 522-8	3.4	4
32	Infertility among women working in horticulture. A follow-up study in the Danish Occupational Hospitalization Register. <i>Fertility and Sterility</i> , 2009 , 91, 1385-7	4.8	4
31	Lead (Pb) and neurodevelopment: A review on exposure and biomarkers of effect (BDNF, HDL) and susceptibility. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 238, 113855	6.9	4
30	Fetal Programming of Semen Quality (FEPOS) Cohort - A DNBC Male-Offspring Cohort. <i>Clinical Epidemiology</i> , 2020 , 12, 757-770	5.9	4
29	Pre-conceptional exposure to multiwalled carbon nanotubes suppresses antibody production in mouse offspring. <i>Nanotoxicology</i> , 2020 , 14, 711-724	5.3	3
28	Occupational exposure during pregnancy and the risk of hay fever in 7-year-old children. <i>Clinical Respiratory Journal</i> , 2013 , 7, 183-8	1.7	3
27	Psychosocial job strain and risk of congenital malformations in offspring--a Danish National cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2014 , 121, 830-8; discussion 839	3.7	3
26	Industrial differences in female fertility treatment rates--a new approach to assess differences related to occupation?. <i>Scandinavian Journal of Public Health</i> , 2011 , 39, 164-71	3	3
25	Inhalation of welding fumes reduced sperm counts and high fat diet reduced testosterone levels; differential effects in Sprague Dawley and Brown Norway rats. <i>Particle and Fibre Toxicology</i> , 2020 , 17, 2	8.4	3
24	Maternal exposure to psychosocial job strain during pregnancy and behavioral problems in the 11-year-old children: a Danish cohort study. <i>European Child and Adolescent Psychiatry</i> , 2021 , 30, 1413-1426	5.5	3
23	Adverse childhood experiences and asthma: trajectories in a national cohort. <i>Thorax</i> , 2021 , 76, 547-553	7.3	3

22	Pulmonary toxicity of synthetic amorphous silica - effects of porosity and copper oxide doping. <i>Nanotoxicology</i> , 2021 , 15, 96-113	5.3	3
21	Reproduction and Development 2017 , 397-421		2
20	Semen quality among young healthy men taking protein supplements. <i>Fertility and Sterility</i> , 2020 , 114, 89-96	4.8	2
19	Paternal environmental exposure and offspring health. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019 , 7, 14-20	1.7	2
18	Correction: Effects of prenatal exposure to surface-coated nanosized titanium dioxide (UV-Titan). A study in mice. <i>Particle and Fibre Toxicology</i> , 2011 , 8, 14	8.4	2
17	prediction of clinical signs of respiratory toxicity in rats following inhalation exposure. <i>Current Research in Toxicology</i> , 2021 , 2, 204-209	2.7	2
16	Asthma-inducing potential of 28 substances in spray cleaning products-Assessed by quantitative structure activity relationship (QSAR) testing and literature review. <i>Journal of Applied Toxicology</i> , 2022 , 42, 130-153	4.1	2
15	Developmental Toxicity of Engineered Nanomaterials 2017 , 333-357		1
14	Risk of congenital malformations among children of construction painters in Denmark: a nationwide cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2015 , 41, 175-83	4.3	1
13	Exposure to psychosocial work strain and changes in smoking behavior during pregnancy - a longitudinal study within the Danish National Birth Cohort. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021 , 47, 70-77	4.3	1
12	Maternal life and work stressors during pregnancy and asthma in offspring. <i>International Journal of Epidemiology</i> , 2021 , 49, 1847-1855	7.8	1
11	Maternal pre-pregnancy overweight and infertility in sons and daughters: A cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021 , 100, 843-849	3.8	1
10	Per- and polyfluoroalkyl substances (PFAS) and male reproductive function in young adulthood; a cross-sectional study.. <i>Environmental Research</i> , 2022 , 212, 113157	7.9	1
9	Is self-reported history of eczema and hay fever a valid measure of atopy in those who report current asthma?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2981-2984	9.3	0
8	Parental Separation and Semen Quality in Young Men: A Population-Based Cohort Study.. <i>Clinical Epidemiology</i> , 2022 , 14, 127-140	5.9	0
7	Maternal exposure to airborne polychlorinated biphenyls (PCBs) and risk of adverse birth outcomes. <i>European Journal of Epidemiology</i> , 2021 , 36, 861-872	12.1	0
6	Risk assessment of consumer spray products using in vitro lung surfactant function inhibition, exposure modelling and chemical analysis.. <i>Food and Chemical Toxicology</i> , 2022 , 112999	4.7	0
5	S1-1: Prenatal exposure to nanoparticles effects and potential mechanisms. <i>Reproductive Toxicology</i> , 2013 , 41, 14-15	3.4	

- 4 Psychosocial job strain and risk of preterm birth, low birth weight and congenital malformations. *Reproductive Toxicology*, **2013**, 41, 27 3.4
- 3 Relationship between apoptotic markers in semen from fertile men and demographic, hormonal and seminal characteristics. *Asian Journal of Andrology*, **2012**, 14, 890-6 2.8
- 2 P.2.23 Adverse childhood experiences (ACE) in early life and the risk of childhood asthma: a danish nationwide cohort study. *Occupational and Environmental Medicine*, **2019**, 76, A93.3-A94 2.1
- 1 Developmental toxicity of engineered nanomaterials **2022**, 285-305