

# Jakob BÄ,nlÄ,kke

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,429  
citations

471509

17  
h-index

345221

36  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health impacts of anthropogenic biomass burning in the developed world. <i>European Respiratory Journal</i> , 2015, 46, 1577-1588.	6.7	179
2	Health Effects of Airborne Exposures from Concentrated Animal Feeding Operations. <i>Environmental Health Perspectives</i> , 2007, 115, 298-302.	6.0	149
3	Contribution from the ten major emission sectors in Europe and Denmark to the health-cost externalities of air pollution using the EVA model system â an integrated modelling approach. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7725-7746.	4.9	116
4	Identifying urban sources as cause of elevated grass pollen concentrations using GIS and remote sensing. <i>Biogeosciences</i> , 2013, 10, 541-554.	3.3	93
5	Allergen exposure chambers: harmonizing current concepts and projecting the needs for the future â an EAACI Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1035-1042.	5.7	85
6	Assessment of past, present and future health-cost externalities of air pollution in Europe and the contribution from international ship traffic using the EVA model system. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7747-7764.	4.9	81
7	Controlled human wood smoke exposure: oxidative stress, inflammation and microvascular function. <i>Particle and Fibre Toxicology</i> , 2012, 9, 7.	6.2	78
8	Effects of wood smoke particles from wood-burning stoves on the respiratory health of atopic humans. <i>Particle and Fibre Toxicology</i> , 2012, 9, 12.	6.2	53
9	Exposure to inhalable dust and endotoxin among Danish livestock farmers: results from the SUS cohort study. <i>Journal of Environmental Monitoring</i> , 2012, 14, 604-614.	2.1	52
10	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.	10.0	52
11	Air pollution and family related determinants of asthma onset and persistent wheezing in children: nationwide case-control study. <i>BMJ, The</i> , 2020, 370, m2791.	6.0	51
12	Microbial cell wall agents as an occupational hazard. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 310-319.	2.8	42
13	Upper-airway inflammation in relation to dust spiked with aldehydes or glucan. <i>Scandinavian Journal of Work, Environment and Health</i> , 2006, 32, 374-382.	3.4	35
14	Wood smoke in a controlled exposure experiment with human volunteers. <i>Inhalation Toxicology</i> , 2011, 23, 277-288.	1.6	28
15	Biomarkers of oxidative stress and inflammation after wood smoke exposure in a reconstructed Viking Age house. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 652-661.	2.2	27
16	Exposures and Health Effects of Bioaerosols in Seafood Processing Workers - a Position Statement. <i>Journal of Agromedicine</i> , 2019, 24, 441-448.	1.5	20
17	Respiratory symptoms and ex vivo cytokine release are associated in workers processing herring.. <i>International Archives of Occupational and Environmental Health</i> , 2004, 77, 136-141.	2.3	18
18	Systemic Effects of Wood Smoke in a Short-Term Experimental Exposure Study of Atopic Volunteers. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 177-183.	1.7	17

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19	An assessment of the potential for co-exposure to allergenic pollen and air pollution in Copenhagen, Denmark. <i>Urban Climate</i> , 2015, 14, 457-474.	5.7	16
20	Feedback on Measured Dust Concentrations Reduces Exposure Levels Among Farmers. <i>Annals of Occupational Hygiene</i> , 2016, 60, 812-824.	1.9	15
21	Snow crab allergy and asthma among Greenlandic workers – a pilot study. <i>International Journal of Circumpolar Health</i> , 2012, 71, 19126.	1.2	14
22	The Effect of Aging on Physical Performance Among Elderly Manual Workers: Protocol of a Cross-Sectional Study. <i>JMIR Research Protocols</i> , 2017, 6, e226.	1.0	12
23	Household dampness and microbial exposure related to allergy and respiratory health in Danish adults. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1706235.	1.5	11
24	Seasonal variations in work-related health effects in swine farm workers. <i>Annals of Agricultural and Environmental Medicine</i> , 2009, 16, 43-52.	1.0	11
25	The change in nasal inflammatory markers after intranasal challenges with particulate chitin and lipopolysaccharide: a randomized, double-blind, placebo-controlled, crossover study with a positive control. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 716-723.	2.8	10
26	Ammonia, ammonium, and the risk of asthma: A register-based case-control study in Danish children. <i>Environmental Epidemiology</i> , 2018, 2, e019.	3.0	10
27	Working Group Report 3: Sensitivity to organic dusts-atopy and gene polymorphisms. <i>American Journal of Industrial Medicine</i> , 2004, 46, 416-418.	2.1	9
28	Population Dynamics and Air Pollution: The Impact of Demographics on Health Impact Assessment of Air Pollution. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-12.	0.9	9
29	Effects on human eyes caused by experimental exposures to office dust with and without addition of aldehydes or glucan. <i>Indoor Air</i> , 2009, 19, 68-74.	4.3	8
30	Physical-work ability and chronic musculoskeletal complaints are related to leisure-time physical activity: Cross-sectional study among manual workers aged 50-70 years. <i>Scandinavian Journal of Public Health</i> , 2019, 47, 375-382.	2.3	8
31	Historical Asbestos Measurements in Denmark – A National Database. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 643.	2.6	8
32	Work-Related Health Effects in Swine Building Workers After Respiratory Protection Use. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 1126-1132.	1.7	7
33	Utilizing Monitoring Data and Spatial Analysis Tools for Exposure Assessment of Atmospheric Pollutants in Denmark. <i>ACS Symposium Series</i> , 2013, , 95-122.	0.5	7
34	Method for a homogeneous distribution of pollens in an environmental exposure chamber. <i>Clinical and Experimental Allergy</i> , 2016, 46, 1176-1184.	2.9	7
35	The effects of age and musculoskeletal pain on force variability among manual workers. <i>Human Movement Science</i> , 2019, 64, 19-27.	1.4	7
36	An RCT of acute health effects in COPD-patients after passive vape exposure from e-cigarettes. <i>European Clinical Respiratory Journal</i> , 2021, 8, 1861580.	1.5	7

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37	Change in airway inflammatory markers in Danish energy plant workers during a working week. <i>Annals of Agricultural and Environmental Medicine</i> , 2014, 21, 534-540.	1.0	7
38	Association of perceived work pace and physical work demands with occupational accidents: a cross-sectional study of ageing male construction workers in Denmark. <i>BMC Public Health</i> , 2022, 22, 18.	2.9	7
39	Physical performances show conflicting associations in aged manual workers. <i>Scientific Reports</i> , 2020, 10, 2254.	3.3	6
40	Nasal hyperresponders and atopic subjects report different symptom intensity to air quality: a climate chamber study. <i>Indoor Air</i> , 2009, 19, 218-225.	4.3	5
41	No apparent transmission of livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> CC398 in a survey of staff at a regional Danish hospital. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 126.	4.1	5
42	Dose-response curves for co-exposure inhalation challenges with ozone and pollen allergen. <i>European Respiratory Journal</i> , 2019, 54, 1801208.	6.7	5
43	On the role of ageing and musculoskeletal pain on dynamic balance in manual workers. <i>Journal of Electromyography and Kinesiology</i> , 2020, 50, 102374.	1.7	5
44	Immunologic mechanisms in the adaptation of swine farm workers to their work environment. <i>Innate Immunity</i> , 2013, 19, 403-410.	2.4	4
45	Archaea and Bacteria Exposure in Danish Livestock Farmers. <i>Annals of Work Exposures and Health</i> , 2019, 63, 965-974.	1.4	4
46	Rhino Conjunctivitis and Asthma Among Seafood Processing Workers in Greenland. A Cross-Sectional Study. <i>Frontiers in Allergy</i> , 2021, 2, 747011.	2.8	4
47	Serum selenium levels and asthma among seafood processing workers in Greenland. <i>International Journal of Circumpolar Health</i> , 2021, 80, 1972525.	1.2	3
48	The Effect of Seasonal Priming on Specific Inhalation Challenges With Birch and Grass Allergen Among Persons With Allergic Rhinitis. <i>Frontiers in Allergy</i> , 2021, 2, 737799.	2.8	3
49	Prevalence of Chronic Obstructive Pulmonary Disease and Chronic Bronchitis Among Predominantly Smoking Workers in the Seafood Industry in Greenland. <i>International Journal of COPD</i> , 0, Volume 17, 1167-1177.	2.3	3
50	Particulate Emissions: Health Effects and Labour Market Consequences. <i>Journal of Environmental and Public Health</i> , 2012, 2012, 1-7.	0.9	2
51	Retirement status and frailty: a cross-sectional study of the phenotype of manual workers aged 50-70 years. <i>European Journal of Public Health</i> , 2021, 31, 116-121.	0.3	2
52	Atmospheric ammonia, ammonium and incident asthma - A nationwide case-control study in Danish preschool children. , 2017, , .		2
53	Inhalable dust and endotoxin exposure among Danish pig, dairy, poultry and mink farmers: results from the SUS cohort study. <i>Occupational and Environmental Medicine</i> , 2011, 68, A51-A51.	2.8	1
54	A Method to Assess the Potential Effects of Air Pollution Mitigation on Healthcare Costs. <i>Journal of Environmental and Public Health</i> , 2012, 2012, 1-10.	0.9	1

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55	O46-4â€¦Development of a quantitative job exposure matrix for endotoxin exposure in agriculture. , 2016, , .		1
56	Airway Responses In Atopic Humans Exposed To Particles From Wood Smoke. , 2010, , .		0
57	P.2.06â€¦Risk and prevention of sensitization and allergic contact dermatitis among workers handling epoxy resins. Occupational and Environmental Medicine, 2019, 76, A88.3-A89.	2.8	0
58	Air Quality Effects on Human Health. Springer Proceedings in Complexity, 2014, , 7-17.	0.3	0
59	Different toxicity of combustion particles on human lung A549 cells: A comparison between diesel exhaust and wood smoke. , 2015, , .		0
60	High-Resolution Modelling of Health Impacts and Related External Cost from Air Pollution Using the Integrated Model System EVA. Springer Proceedings in Complexity, 2016, , 125-128.	0.3	0
61	Indoor microbial exposure in relation to allergy and respiratory health in adults. , 2016, , .		0
62	Controlled human exposure to indoor air, dust, and ozone; XDOZ. , 2017, , .		0
63	Force Variability and Musculoskeletal Pain in Blue-Collar Workers. Advances in Intelligent Systems and Computing, 2019, , 59-67.	0.6	0
64	Acute health effects after passive e-vape among patients with COPD â€“ an RCT exposure study. , 2020, , .		0