## Magnus Svartengren

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6303083/publications.pdf

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133 papers 6,609 citations

36 h-index 78 g-index

133 all docs

133
docs citations

times ranked

133

8168 citing authors

#	Article	IF	CITATIONS
1	Respiratory Effects of Exposure to Diesel Traffic in Persons with Asthma. New England Journal of Medicine, 2007, 357, 2348-2358.	27.0	756
2	The Swedish Twin Registry in the Third Millennium: An Update. Twin Research and Human Genetics, 2006, 9, 875-882.	0.6	323
3	Residential Radon Exposure and Lung Cancer in Sweden. New England Journal of Medicine, 1994, 330, 159-164.	27.0	322
4	Air Pollution Exposure and Lung Function in Children: The ESCAPE Project. Environmental Health Perspectives, 2013, 121, 1357-1364.	6.0	320
5	<i>MMP12,</i> Lung Function, and COPD in High-Risk Populations. New England Journal of Medicine, 2009, 361, 2599-2608.	27.0	315
6	Cardiovascular fitness is associated with cognition in young adulthood. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20906-20911.	7.1	272
7	Altered microRNA profiles in bronchoalveolar lavage fluid exosomes in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 131, 894-903.e8.	2.9	266
8	Traffic-Related Air Pollution and Childhood Respiratory Symptoms, Function and Allergies. Epidemiology, 2008, 19, 401-408.	2.7	236
9	Dietary prevention of allergic diseases in infants and small children. Pediatric Allergy and Immunology, 2004, 15, 291-307.	2.6	218
10	Dietary prevention of allergic diseases in infants and small children. Pediatric Allergy and Immunology, 2008, 19, 1-4.	2.6	205
11	The Swedish Twin Registry in the Third Millennium: An Update. Twin Research and Human Genetics, 2006, 9, 875-882.	0.6	182
12	Breast-feeding in relation to asthma, lung function, and sensitization in young schoolchildren. Journal of Allergy and Clinical Immunology, 2010, 125, 1013-1019.	2.9	162
13	Reliability of Actigraphy and Subjective Sleep Measurements in Adults: The Design of Sleep Assessments. Journal of Clinical Sleep Medicine, 2017, 13, 39-47.	2.6	144
14	Traffic-related Air Pollution and Lung Function in Children at 8 Years of Age. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1286-1291.	5.6	136
15	Deposition in Asthmatics of Particles Inhaled in Air or in Helium-Oxygen. The American Review of Respiratory Disease, 1993, 147, 524-528.	2.9	125
16	Interactions between Glutathione <i>S</i> Transferase P1, Tumor Necrosis Factor, and Traffic-Related Air Pollution for Development of Childhood Allergic Disease. Environmental Health Perspectives, 2008, 116, 1077-1084.	6.0	115
17	No Significant Translocation of Inhaled 35-nm Carbon Particles to the Circulation in Humans. Inhalation Toxicology, 2006, 18, 741-747.	1.6	113
18	Residential Radon and Lung Cancer in Sweden. Health Physics, 1997, 72, 269-276.	0.5	106

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19	Heredity, pet ownership, and confounding control in a population-based birth cohort. Journal of Allergy and Clinical Immunology, 2003, 111, 800-806.	2.9	80
20	Dietary prevention of allergic diseases in infants and small children Pediatric Allergy and Immunology, 2004, 15, 196-205.	2.6	76
21	Burnout syndrome as an occupational disease in the European Union: an exploratory study. Industrial Health, 2018, 56, 160-165.	1.0	74
22	Healthy migrant effect in the Swedish context: a register-based, longitudinal cohort study BMJ Open, 2019, 9, e026972.	1.9	74
23	Genetic influences on chronic obstructive pulmonary disease – A twin study. Respiratory Medicine, 2010, 104, 1890-1895.	2.9	69
24	Deposition of Large Particles in Human Lung. Experimental Lung Research, 1987, 12, 75-88.	1.2	66
25	Dietary prevention of allergic diseases in infants and small children. Part I: Immunologic background and criteria for hypoallergenicity*. Pediatric Allergy and Immunology, 2004, 15, 103-111.	2.6	63
26	Distribution and concentration of cadmium in human kidney. Environmental Research, 1986, 39, 1-7.	7.5	60
27	Asthmatics Exhibit Altered Oxylipin Profiles Compared to Healthy Individuals after Subway Air Exposure. PLoS ONE, 2011, 6, e23864.	2.5	57
28	Human Deposition and Clearance of $6-\hat{1}\sqrt[4]{4}$ m Particles Inhaled with an Extremely Low Flow Rate. Experimental Lung Research, 1995, 21, 187-195.	1.2	54
29	Organophosphate and phthalate esters in indoor air: a comparison between multi-storey buildings with high and low prevalence of sick building symptoms. Journal of Environmental Monitoring, 2011, 13, 2001.	2.1	51
30	Decreased blood lead levels in residents of Stockholm for the period 1980-1984. Scandinavian Journal of Work, Environment and Health, 1986, 12, 114-120.	3.4	47
31	Lung Function and Respiratory Symptoms in Hard Metal Workers Exposed to Cobalt. Journal of Occupational and Environmental Medicine, 2012, 54, 409-413.	1.7	45
32	There's plenty of room at the forum: Potential risks and safety assessment of engineered nanomaterials. Nanotoxicology, 2007, 1, 73-84.	3.0	44
33	Interaction between Smoking and Genetic Factors in the Development of Chronic Bronchitis. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 486-490.	5.6	43
34	Insomnia symptoms and sleep duration and their combined effects in relation to associations with obesity and central obesity. Sleep Medicine, 2018, 46, 81-87.	1.6	43
35	High Heritability for Concurrent Low Back and Neck-Shoulder Pain. Spine, 2011, 36, E1469-E1476.	2.0	41
36	Longitudinal and Genetic Effects in the Relationship between Pulmonary Function and Cognitive Performance. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 1998, 53B, P311-P317.	3.9	40

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37	Genetic and environmental influences on decline in biobehavioral markers of aging. Behavior Genetics, 2003, 33, 107-123.	2.1	37
38	Childhood Allergies Affect Health-Related Quality of Life. Journal of Asthma, 2013, 50, 522-528.	1.7	37
39	Airway Resistance and Deposition of Particles in the Lung. Experimental Lung Research, 1984, 7, 257-269.	1.2	36
40	Methylations in hemoglobin from monozygotic twins discordant for cigarette smoking: Hereditary and tobacco-related factors. Chemico-Biological Interactions, 1992, 82, 91-98.	4.0	36
41	Health effects of a subway environment in mild asthmatic volunteers. Respiratory Medicine, 2012, 106, 25-33.	2.9	35
42	Prevalence, Incidence Proportion, and Heritability for Tinnitus: A Longitudinal Twin Study. Ear and Hearing, 2017, 38, 292-300.	2.1	34
43	Bicycle messengers: energy expenditure and exposure to air pollution. Ergonomics, 2006, 49, 1486-1495.	2.1	33
44	A Swedish child-friendly pilot version of the EQ-5D instrument-the development process. European Journal of Public Health, 2011, 21, 171-177.	0.3	33
45	Clearance of Particles from Small Ciliated Airways. Experimental Lung Research, 1997, 23, 495-515.	1,2	32
46	Limited airway effects in mild asthmatics after exposure to air pollution in a road tunnel. Respiratory Medicine, 2010, 104, 1912-1918.	2.9	31
47	Human Bronchiolar Deposition and Retention of 6-, 8-, and 10-µm Particles. Experimental Lung Research, 1997, 23, 517-535.	1.2	30
48	Testing a Swedish child-friendly pilot version of the EQ-5D instrument-initial results. European Journal of Public Health, 2011, 21, 178-183.	0.3	30
49	Genetic and environmental influence on lung function impairment in Swedish twins. Respiratory Research, 2010, 11, 92.	3.6	28
50	The effect of drinking water contaminated with perfluoroalkyl substances on a 10-year longitudinal trend of plasma levels in an elderly Uppsala cohort. Environmental Research, 2017, 159, 95-102.	7.5	28
51	Clearance in Smaller Airways of Inhaled $6 \cdot \hat{l}^{1}/4$ m Particles in Subjects with Immotile-Cilia Syndrome. Experimental Lung Research, 1995, 21, 667-682.	1.2	26
52	A generator for the production of radiolabelled ultrafine carbonaceous particles for deposition and clearance studies in the respiratory tract. Journal of Aerosol Science, 2006, 37, 631-644.	3.8	25
53	Sleep disturbances predict future sickness absence among individuals with lower back or neck-shoulder pain: A 5-year prospective study. Scandinavian Journal of Public Health, 2015, 43, 315-323.	2.3	25
54	Bronchial Reactivity, Lung Function, and Serum Immunoglobulin E in Smoking-discordant Monozygotic Twins. The American Review of Respiratory Disease, 1993, 147, 296-300.	2.9	24

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55	Deposition in Man of Particles Inhaled in Air or Helium-Oxygen at Different Flow Rates. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 1990, 3, 209-216.	1.2	23
56	Effect of Adrenergic Stimulation on Clearance from Small Ciliated Airways in Healthy Subjects. Experimental Lung Research, 1998, 24, 149-158.	1.2	22
57	Valuing health effects of air pollution—Focus on concentration-response functions. Journal of Urban Economics, 2005, 58, 230-249.	4.4	22
58	Organizational factors related to low levels of sickness absence in a representative set of Swedish companies. Work, 2014, 47, 193-205.	1.1	22
59	Regional Deposition in Human Lung of 2.5 $\hat{l}$ M Particles. Experimental Lung Research, 1987, 12, 265-279.	1.2	21
60	Retention of Particles Inhaled in Boli with and Without Induced Bronchoconstriction. Experimental Lung Research, 1995, 21, 901-916.	1.2	21
61	Deposition and Clearance in Large and Small Airways in Chronic Bronchitis. Experimental Lung Research, 1996, 22, 555-576.	1.2	21
62	Factors in infancy and childhood related to reduced lung function in asthmatic children: A birth cohort study (BAMSE). Pediatric Pulmonology, 2010, 45, 341-348.	2.0	19
63	Blood biomarkers and measures of pulmonary function–A study from the Swedish twin registry. Respiratory Medicine, 2012, 106, 1250-1257.	2.9	19
64	A Job-Exposure Matrix for Occupational Noise: Development and Validation. Annals of Occupational Hygiene, 2013, 57, 774-83.	1.9	19
65	The impact of body mass index, central obesity and physical activity on lung function: results of the EpiHealth study. ERJ Open Research, 2020, 6, 00214-2020.	2.6	19
66	COMPARISON OF CLEARANCE OF PARTICLES INHALED WITH BOLUS AND EXTREMELY SLOW INHALATION TECHNIQUES. Experimental Lung Research, 2001, 27, 367-386.	1.2	18
67	Regional Deposition of Particles in Human Lung after Induced Bronchoconstriction. Experimental Lung Research, 1986, 10, 223-233.	1.2	17
68	Exhaled NO and eosinophil markers in blood, nasal lavage and sputum in children with asthma after withdrawal of budesonide. Pediatric Allergy and Immunology, 2004, 15, 351-358.	2.6	17
69	Validity of a Non-Proprietary Algorithm for Identifying Lying Down Using Raw Data from Thigh-Worn Triaxial Accelerometers. Sensors, 2021, 21, 904.	3.8	17
70	Mortality Among Hardmetal Production Workers. Journal of Occupational and Environmental Medicine, 2017, 59, e342-e364.	1.7	15
71	No short-term respiratory effects among particle-exposed employees in the Stockholm subway. Scandinavian Journal of Work, Environment and Health, 2011, 37, 129-135.	3.4	15
72	Patterns and predictors of sick leave among Swedish non-hospitalized healthcare and residential care workers with Covid-19 during the early phase of the pandemic. PLoS ONE, 2021, 16, e0260652.	2.5	15

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73	Tracheobronchial Clearance in Asthma-Discordant Monozygotic Twins. Respiration, 1989, 56, 70-79.	2.6	13
74	Regional Deposition of $3.61\frac{1}{4}$ m Particles in Subjects with Mild to Moderately Severe Asthma. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 1990, 3, 197-207.	1.2	13
75	Investigation of novel genes for lung function in children and their interaction with tobacco smoke exposure: a preliminary report. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, 498-503.	1.5	13
76	Mortality Among Hardmetal Production Workers. Journal of Occupational and Environmental Medicine, 2017, 59, e263-e274.	1.7	13
77	Mouth and Throat Deposition of 3.6 $^{14}$ m Radiolabelled Particles in Asthmatics. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 1991, 4, 313-321.	1.2	12
78	LONG-TERM CLEARANCE FROM SMALL AIRWAYS IN PATIENTS WITH CHRONIC BRONCHITIS: EXPERIMENTAL AND THEORETICAL DATA. Experimental Lung Research, 2004, 30, 333-353.	1.2	12
79	111Indium-labeled ultrafine carbon particles; a novel aerosol for pulmonary deposition and retention studies. Inhalation Toxicology, 2011, 23, 121-128.	1.6	12
80	The Role of Genetic Factors for Hearing Deterioration Across 20 Years: A Twin Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 647-653.	3.6	12
81	A Qualitative Study on Employees' Experiences of a Support model for Systematic Work Environment Management. International Journal of Environmental Research and Public Health, 2019, 16, 3551.	2.6	12
82	Regional human lung deposition studied by repeated investigations. Journal of Aerosol Science, 1988, 19, 1121-1124.	3.8	11
83	Human Tracheobronchial Deposition and Effect of Two Cholinergic Aerosols. Experimental Lung Research, 1993, 19, 653-669.	1.2	11
84	Long-term clearance from small airways in subjects with ciliary dysfunction. Respiratory Research, 2006, 7, 79.	3.6	11
85	Sex influences on lung function and medication in childhood asthma. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 1191-1196.	1.5	10
86	Nasal and Ocular Effects in Foundry Workers Using the Hot Box Method. Journal of Occupational and Environmental Medicine, 2011, 53, 43-48.	1.7	10
87	Organization, relational justice and absenteeism. Work, 2014, 47, 521-529.	1.1	10
88	Study protocol of an effect and process evaluation of the Stamina model; a Structured and Time-effective Approach through Methods for an Inclusive and Active working life. BMC Public Health, 2018, 18, 1070.	2.9	9
89	The pulmonary deposition and retention of indium-111 labeled ultrafine carbon particles in healthy individuals. Inhalation Toxicology, 2012, 24, 645-651.	1.6	8
90	Influence of well-known risk factors for hearing loss in a longitudinal twin study. International Journal of Audiology, 2017, 56, 63-73.	1.7	8

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91	Insomnia associated with traffic noise and proximity to traffic—a cross-sectional study of the Respiratory Health in Northern Europe III population. Journal of Clinical Sleep Medicine, 2020, 16, 545-552.	2.6	8
92	First-Line Managers' Experiences of Working with a Structured Support Model for Systematic Work Environment Management. International Journal of Environmental Research and Public Health, 2020, 17, 3884.	2.6	8
93	A 5-Year Follow-Up of Airway Symptoms after Nitrogen Dioxide Exposure in an Indoor Ice Arena. Archives of Environmental Health, 2004, 59, 213-217.	0.4	7
94	Respiratory symptoms and lung function in foundry workers exposed to low molecular weight isocyanates. American Journal of Industrial Medicine, 2009, 52, 455-463.	2.1	7
95	Twins studies as a model for studies on the interaction between smoking and genetic factors in the development of chronic bronchitis. Biochemical Society Transactions, 2009, 37, 814-818.	3.4	7
96	Respiratory Symptoms and Lung Function in Foundry Workers Using the Hot Box Method. Journal of Occupational and Environmental Medicine, 2011, 53, 1425-1429.	1.7	7
97	Mortality Among Hardmetal Production Workers. Journal of Occupational and Environmental Medicine, 2017, 59, e327-e341.	1.7	7
98	Study Protocol for a Qualitative Research Project Exploring an Occupational Health Surveillance Model for Workers Exposed to Hand-Intensive Work. International Journal of Environmental Research and Public Health, 2020, 17, 6400.	2.6	7
99	A Mixed-Method Study of Providing and Implementing a Support Model Focusing on Systematic Work Environment Management. Journal of Occupational and Environmental Medicine, 2020, 62, e160-e166.	1.7	7
100	Clearance in Small Ciliated Airways in Allergic Asthmatics after Bronchial Allergen Provocation. Respiration, 1999, 66, 112-118.	2.6	6
101	The Tale of Asbestos in Sweden 1972–1986—The Pathway to a Near-Total Ban. International Journal of Environmental Research and Public Health, 2017, 14, 1433.	2.6	6
102	Quality and learning aspects of the first 9000 spirometries of the LifeGene study. Npj Primary Care Respiratory Medicine, 2018, 28, 6.	2.6	6
103	How management groups' reason when deciding to use a model focusing on systematic work environment management. International Journal of Workplace Health Management, 2019, 12, 441-456.	1.9	6
104	Experiences of the Initial Phase Implementation of the STAMINA-Model in Perioperative Context Addressing Environmental Issues Systematically—A Qualitative Study. International Journal of Environmental Research and Public Health, 2020, 17, 3037.	2.6	6
105	Nasal Mucociliary Transport Before and After Jogging. Physician and Sportsmedicine, 1987, 15, 93-98.	2.1	5
106	Regional Deposition of Inhaled Evans Blue Dye in Mechanically Ventilated Rabbits with Air or Helium Oxygen Mixture. Experimental Lung Research, 1998, 24, 159-172.	1.2	5
107	HUMAN TRACHEOBRONCHIAL DEPOSITION AND EFFECT OF A HISTAMINE AEROSOL INHALED BY EXTREMELY SLOW INHALATIONS. Journal of Aerosol Science, 1999, 30, 289-297.	3.8	5
108	LUNG CLEARANCE IN CHILDREN WITH DUCHENNE MUSCULAR DYSTROPHY OR SPINAL MUSCULAR ATROPHY WITH AND WITHOUT CPAP (CONTINUOUS POSITIVE AIRWAY PRESSURE). Experimental Lung Research, 2001, 27, 469-484.	1.2	5

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109	A simple pharmacokinetic method to evaluate the pulmonary dose in clinical practiceâ€"analyses of inhaled sodium cromoglycate. Respiratory Medicine, 2004, 98, 9-16.	2.9	5
110	Cancer Incidence Among Hardmetal Production Workers. Journal of Occupational and Environmental Medicine, 2017, 59, e365-e373.	1.7	5
111	How Human Resources Index, Relational Justice, and Perceived Productivity Change after Reorganization at a Hospital in Sweden That Uses a Structured Support Model for Systematic Work Environment Management. International Journal of Environmental Research and Public Health, 2021, 18. 11611.	2.6	5
112	Individual Differences in Activity of Glutathione Peroxidase and Catalase Studied in Monozygotic Twins Discordant for Smoking. Human and Experimental Toxicology, 1992, 11, 341-346.	2.2	4
113	Health risk appraisals in Swedish occupational health services. Work, 2016, 55, 849-859.	1.1	4
114	Company Representatives' Experiences of Occupational Health Surveillance for Workers Exposed to Hand-Intensive Work: A Qualitative Study. International Journal of Environmental Research and Public Health, 2021, 18, 2018.	2.6	4
115	Implementing New Working Practices Through a Structured Support Model for Systematic Work Environment Management. Journal of Occupational and Environmental Medicine, 2021, 63, e259-e266.	1.7	4
116	Can the Human Resources Index (HRI) Be Used as a Process Feedback Measurement in a Structured Support Model for Systematic Work Environment Management?. International Journal of Environmental Research and Public Health, 2021, 18, 6509.	2.6	4
117	0050â€An International Historical Cohort Study of Workers in the Hard-Metal Industry: Exposure Assessment. Occupational and Environmental Medicine, 2014, 71, A65.2-A65.	2.8	3
118	How to strengthen the RTW process and collaboration between patients with chronic pain and their employers in interdisciplinary pain rehabilitation programs? Patients' experiences of the Demand and Ability Protocol. Disability and Rehabilitation, 0, , 1-8.	1.8	3
119	Occupational Medicine in Sweden. Occupational Medicine, 2009, 59, 280-280.	1.4	2
120	Non-participation in initial and repeated health risk appraisals $\hat{a} \in \text{``a drop-out analysis based on a health project. BMC Health Services Research, 2019, 19, 130.}$	2.2	2
121	Procurement and implementation processes for Occupational Health Services in Sweden. Work, 2020, 65, 607-615.	1.1	2
122	Pulmonary translocation of ultrafine carbon particles in COPD and IPF patients. Inhalation Toxicology, 2022, 34, 14-23.	1.6	2
123	Urinary Desmosine Excretion Is Strongly Influenced By Age And Gender. , 2010, , .		0
124	Difference In Oxylipin Levels And Exosome Content In Bronchoalveolar Lavage Fluid Of Asthmatics And Healthy Individuals In Response To Subway Air Exposure. , 2010, , .		0
125	Differences In Exosomal Micrornas In Bronchoalveolar Lavage Fluid From Asthmatics And Healthy Individuals. , 2011, , .		0
126	0391â€Heart rate variability in particle exposed train drivers in the Stockholm subway. Occupational and Environmental Medicine, 2014, 71, A113.1-A113.	2.8	0

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127	Development Work in Healthcare: What Supportive and Deterrent Factors Do Employees Working in a Hospital Department Experience in an Improved Work Environment?. International Journal of Environmental Research and Public Health, 2021, 18, 8394.	2.6	O
128	Quality and learning aspects of the first 9000 spirometries in the LifeGene study. , 2016, , .		0
129	Spirometry in the 5000 subjects of the LifeGene pilot study in Sweden: Evaluating different reference equations, BMI and thorax measurements. , 2016, , .		O
130	Thorax circumference, lung volumes, and ethnicity in 5000 subjects of the LifeGene study. , 2017, , .		0
131	Patients with idiopathic pulmonary fibrosis and chronic obstructive lung disease leak inhaled nanoparticles to the blood. , 2019, , .		O
132	Computerized measurements of inhalation ability with a dry powder inhaler in patients with severe COPD., 2020,,.		0
133	A comparison of 99mTc-DTPA clearance and translocation of nano particles in chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. , 2020, , .		0