

# Heidi J Salonen

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,181  
citations

361413

20  
h-index

395702

33  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of paints and moisture content on the indoor air emissions from pinewood ( <i>Pinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 4.3	4.3	4
2	Melinacidin-Producing <i>Acrostalagmus luteoalbus</i> , a Major Constituent of Mixed Mycobiota Contaminating Insulation Material in an Outdoor Wall. <i>Pathogens</i> , 2021, 10, 843.	2.8	7
3	Improving the Energy Efficiency of Buildings Based on Fluid Dynamics Models: A Critical Review. <i>Energies</i> , 2021, 14, 5384.	3.1	1
4	<i>Chaetomium</i> and <i>Chaetomium</i> -like Species from European Indoor Environments Include <i>Dichotomopilus finlandicus</i> sp. nov.. <i>Pathogens</i> , 2021, 10, 1133.	2.8	9
5	Possibilities for user-centric and participatory design in modular health care facilities. <i>Intelligent Buildings International</i> , 2020, 12, 100-114.	2.3	5
6	Human exposure to air contaminants in sports environments. <i>Indoor Air</i> , 2020, 30, 1109-1129.	4.3	37
7	Detection of <i>Chaetomium globosum</i> , <i>Ch. cochliodes</i> and <i>Ch. rectangulare</i> during the Diversity Tracking of Mycotoxin-Producing <i>Chaetomium</i> -like Isolates Obtained in Buildings in Finland. <i>Toxins</i> , 2020, 12, 443.	3.4	19
8	Bioreactivity, Guttation and Agents Influencing Surface Tension of Water Emitted by Actively Growing Indoor Mould Isolates. <i>Microorganisms</i> , 2020, 8, 1940.	3.6	8
9	The influence of wooden interior materials on indoor environment: a review. <i>European Journal of Wood and Wood Products</i> , 2020, 78, 617-634.	2.9	40
10	Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems. <i>Environment International</i> , 2020, 141, 105781.	10.0	38
11	An atypical <i>Bacillus anthracis</i> infection in a bull – A potential occupational health hazard. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1279-1283.	1.4	3
12	Emissions of DEHP-free PVC flooring. <i>Indoor Air</i> , 2019, 29, 903-912.	4.3	5
13	Structural Diversity and Bioactivities of Peptaibol Compounds From the Longibrachiatum Clade of the Filamentous Fungal Genus <i>Trichoderma</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1434.	3.5	63
14	<i>Penicillium expansum</i> strain isolated from indoor building material was able to grow on gypsum board and emitted guttation droplets containing chaetoglobosins and communesins A, B and D. <i>Journal of Applied Microbiology</i> , 2019, 127, 1135-1147.	3.1	25
15	Human exposure to NO <sub>2</sub> in school and office indoor environments. <i>Environment International</i> , 2019, 130, 104887.	10.0	86
16	User-centric work environments in modular healthcare facilities. <i>Engineering, Construction and Architectural Management</i> , 2019, 26, 1047-1062.	3.1	8
17	Probability of Abnormal Indoor Air Exposure Categories Compared with Occupants' Symptoms, Health Information, and Psychosocial Work Environment. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 99.	2.5	9
18	Positive pressure effect on moisture performance in a school building. <i>Journal of Building Physics</i> , 2019, 43, 121-142.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Screening Mold Colonies by Using Two Toxicity Assays Revealed Indoor Strains of <i>Aspergillus calidoustus</i> Producing Ophiobolins G and K. <i>Toxins</i> , 2019, 11, 683.	3.4	8
20	Microbial growth in building material samples and occupants'™ health in severely moisture-damaged homes. <i>Indoor Air</i> , 2018, 28, 287-297.	4.3	16
21	Bacterial community changes in copper and PEX drinking water pipeline biofilms under extra disinfection and magnetic water treatment. <i>Journal of Applied Microbiology</i> , 2018, 124, 611-624.	3.1	25
22	An Evaluation of Boar Spermatozoa as a Biosensor for the Detection of Sublethal and Lethal Toxicity. <i>Toxins</i> , 2018, 10, 463.	3.4	15
23	Indoor <i>Trichoderma</i> strains emitting peptaibols in guttation droplets. <i>Journal of Applied Microbiology</i> , 2018, 125, 1408-1422.	3.1	36
24	Ventilation Positive Pressure Intervention Effect on Indoor Air Quality in a School Building with Moisture Problems. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 230.	2.6	24
25	Association between Four-Level Categorisation of Indoor Exposure and Perceived Indoor Air Quality. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 679.	2.6	16
26	Effects of Ventilation Improvement on Measured and Perceived Indoor Air Quality in a School Building with a Hybrid Ventilation System. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1414.	2.6	16
27	Human exposure to ozone in school and office indoor environments. <i>Environment International</i> , 2018, 119, 503-514.	10.0	122
28	Online Questionnaire as a Tool to Assess Symptoms and Perceived Indoor Air Quality in a School Environment. <i>Atmosphere</i> , 2018, 9, 270.	2.3	9
29	Usability evaluation (IEQ survey) in hospital buildings. <i>International Journal of Workplace Health Management</i> , 2017, 10, 265-282.	1.9	9
30	The effect of positive pressure on indoor air quality in a deeply renovated school building – a case study. <i>Energy Procedia</i> , 2017, 132, 165-170.	1.8	10
31	Endotoxin levels and contribution factors of endotoxins in resident, school, and office environments – A review. <i>Atmospheric Environment</i> , 2016, 142, 360-369.	4.1	25
32	Airborne culturable fungi in naturally ventilated primary school environments in a subtropical climate. <i>Atmospheric Environment</i> , 2015, 106, 412-418.	4.1	23
33	Airborne viable fungi in school environments in different climatic regions – A review. <i>Atmospheric Environment</i> , 2015, 104, 186-194.	4.1	34
34	The impact of flood and post-flood cleaning on airborne microbiological and particle contamination in residential houses. <i>Environment International</i> , 2014, 69, 9-17.	10.0	30
35	Indoor air particles in office buildings with suspected indoor air problems in the Helsinki area. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2013, 26, 155-64.	1.3	15
36	Endotoxins in Indoor Air and Settled Dust in Primary Schools in a Subtropical Climate. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9882-9890.	10.0	21

#	ARTICLE	IF	CITATIONS
37	Design approaches for promoting beneficial indoor environments in healthcare facilities: a review. Intelligent Buildings International, 2013, 5, 26-50.	2.3	32
38	Physical characteristics of the indoor environment that affect health and wellbeing in healthcare facilities: a review. Intelligent Buildings International, 2013, 5, 3-25.	2.3	101
39	Renovation of a "sick building": The challenge of attaining the confidence of occupants. American Journal of Industrial Medicine, 2009, 52, 438-445.	2.1	6
40	Man-Made Vitreous Fibers in Office Buildings in the Helsinki Area. Journal of Occupational and Environmental Hygiene, 2009, 6, 624-631.	1.0	18
41	Volatile Organic Compounds and Formaldehyde as Explaining Factors for Sensory Irritation in Office Environments. Journal of Occupational and Environmental Hygiene, 2009, 6, 239-247.	1.0	53
42	Airborne Concentrations of Volatile Organic Compounds, Formaldehyde and Ammonia in Finnish Office Buildings with Suspected Indoor Air Problems. Journal of Occupational and Environmental Hygiene, 2009, 6, 200-209.	1.0	74
43	Fungi and bacteria in mould-damaged and non-damaged office environments in a subarctic climate. Atmospheric Environment, 2007, 41, 6797-6807.	4.1	49
44	Use of spot measurements for assessing residential ELF magnetic field exposure: A validity study. Bioelectromagnetics, 2002, 23, 173-176.	1.6	20
45	Critical study of the applicability of additional IAQ sensors in older buildings. Intelligent Buildings International, 0, , 1-13.	2.3	0
46	Measured and perceived indoor air quality in three low-energy wooden test buildings. Wood Material Science and Engineering, 0, , 1-14.	2.3	2