

# Philomena M Bluyssen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5139733/publications.pdf>

Version: 2024-02-01

60  
papers

2,982  
citations

304368

22  
h-index

174990

52  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comfort and health of patients and staff, related to the physical environment of different departments in hospitals: a literature review. <i>Intelligent Buildings International</i> , 2022, 14, 95-113.	1.3	31
2	Substantiation of home occupant archetypes with the use of generative techniques: analysis and results of focus groups. <i>Intelligent Buildings International</i> , 2022, 14, 239-257.	1.3	1
3	Building characteristics associated with self-reported dry eyes and headaches of outpatient workers in hospital buildings. <i>Indoor and Built Environment</i> , 2022, 31, 682-695.	1.5	2
4	Testing of outward leakage of different types of masks with a breathing manikin head, ultraviolet light and coloured water mist. <i>Intelligent Buildings International</i> , 2022, 14, 623-641.	1.3	9
5	Self-reported rhinitis and headaches of students from universities in Taiwan, Chile, Suriname, China and the Netherlands, and its association with their home environment. <i>Intelligent Buildings International</i> , 2022, 14, 679-689.	1.3	5
6	Ventilation regimes of school classrooms against airborne transmission of infectious respiratory droplets: A review. <i>Building and Environment</i> , 2022, 207, 108484.	3.0	41
7	Airborne SARS-CoV-2 in home and hospital environments investigated with a high-powered air sampler. <i>Journal of Hospital Infection</i> , 2022, 119, 126-131.	1.4	10
8	Profiling office workers based on their self-reported preferences of indoor environmental quality and psychosocial comfort at their workplace during COVID-19. <i>Building and Environment</i> , 2022, 211, 108742.	3.0	18
9	Guidance to assess ventilation performance of a classroom based on CO <sub>2</sub> monitoring. <i>Indoor and Built Environment</i> , 2022, 31, 1107-1126.	1.5	21
10	Air Cleaning Performance of Two Species of Potted Plants and Different Substrates. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 284.	1.3	5
11	First SenseLab studies with primary school children: exposure to different environmental configurations in the experience room. <i>Intelligent Buildings International</i> , 2021, 13, 275-292.	1.3	18
12	Appraisal and identification of different sources of smell by primary school children in the air quality test chamber of the SenseLab. <i>Intelligent Buildings International</i> , 2021, 13, 142-155.	1.3	3
13	Actions of primary school teachers to improve the indoor environmental quality of classrooms in the Netherlands. <i>Intelligent Buildings International</i> , 2021, 13, 103-115.	1.3	13
14	The effect of a mobile HEPA filter system on "infectious" aerosols, sound and air velocity in the SenseLab. <i>Building and Environment</i> , 2021, 188, 107475.	3.0	46
15	Energy consumption, self-reported teachers' actions and children's perceived indoor environmental quality of nine primary school buildings in the Netherlands. <i>Energy and Buildings</i> , 2021, 235, 110735.	3.1	7
16	Preferences for Indoor Environmental and Social Comfort of Outpatient Staff during the COVID-19 Pandemic, an Explanatory Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7353.	1.2	2
17	The Effect of an Active Plant-Based System on Perceived Air Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8233.	1.2	2
18	Individual control as a new way to improve classroom acoustics: A simulation-based study. <i>Applied Acoustics</i> , 2021, 179, 108066.	1.7	7

#	ARTICLE	IF	CITATIONS
19	Advancement on Thermal Comfort in Educational Buildings: Current Issues and Way Forward. Sustainability, 2021, 13, 10315.	1.6	33
20	A child-centred experiment to test an individually controlled noise-reducing device. Applied Acoustics, 2021, 184, 108373.	1.7	0
21	Why don't we just open the windows?. BMJ, The, 2021, 375, n2895.	3.0	13
22	Towards an integrated analysis of the indoor environmental factors and its effects on occupants. Intelligent Buildings International, 2020, 12, 199-207.	1.3	46
23	Workshop with 335 primary school children in The Netherlands: What is needed to improve the IEQ in their classrooms?. Building and Environment, 2020, 168, 106486.	3.0	17
24	Profiling outpatient staff based on their self-reported comfort and preferences of indoor environmental quality and social comfort in six hospitals. Building and Environment, 2020, 184, 107220.	3.0	9
25	Ten questions concerning well-being in the built environment. Building and Environment, 2020, 180, 106949.	3.0	105
26	How can airborne transmission of COVID-19 indoors be minimised?. Environment International, 2020, 142, 105832.	4.8	933
27	First results of self-reported health and comfort of staff in outpatient areas of hospitals in the Netherlands. Building and Environment, 2020, 177, 106871.	3.0	18
28	Clustering of office workers from the OFFICAIR study in The Netherlands based on their self-reported health and comfort. Building and Environment, 2020, 176, 106860.	3.0	15
29	Indoor environmental quality related risk factors with energy-efficient retrofitting of housing: A literature review. Energy and Buildings, 2020, 221, 110102.	3.1	80
30	Making a home out of a temporary dwelling: a literature review and building transformation case studies. Intelligent Buildings International, 2019, 11, 46-62.	1.3	5
31	A review of green systems within the indoor environment. Indoor and Built Environment, 2019, 28, 298-309.	1.5	84
32	Perceived Air Quality of different sources of smell evaluated by primary school children. E3S Web of Conferences, 2019, 111, 06043.	0.2	1
33	Table top surface appraisal by school children under different lighting conditions tested in the Senselab. E3S Web of Conferences, 2019, 111, 02040.	0.2	4
34	The need for understanding the indoor environmental factors and its effects on occupants through an integrated analysis. IOP Conference Series: Materials Science and Engineering, 2019, 609, 022001.	0.3	4
35	The effect of wall and floor colouring on temperature and draught feeling of primary school children. E3S Web of Conferences, 2019, 111, 02032.	0.2	4
36	The effect of acoustical treatment on primary school children's performance, sound perception, and influence assessment. E3S Web of Conferences, 2019, 111, 02046.	0.2	4

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37	Developing home occupant archetypes: First results of mixed-methods study to understand occupant comfort behaviours and energy use in homes. <i>Building and Environment</i> , 2019, 163, 106331.	3.0	20
38	Interaction effect of background sound type and sound pressure level on children of primary schools in the Netherlands. <i>Applied Acoustics</i> , 2019, 154, 161-169.	1.7	19
39	Clustering of Dutch school children based on their preferences and needs of the IEQ in classrooms. <i>Building and Environment</i> , 2019, 147, 258-266.	3.0	34
40	Self-reported health and comfort of school children in 54 classrooms of 21 Dutch school buildings. <i>Building and Environment</i> , 2018, 138, 106-123.	3.0	89
41	Proof-of-concept of a questionnaire to understand occupants' comfort and energy behaviours: First results on home occupant archetypes. <i>Building and Environment</i> , 2018, 134, 47-58.	3.0	23
42	The creation of SenseLab: a laboratory for testing and experiencing single and combinations of indoor environmental conditions. <i>Intelligent Buildings International</i> , 2018, 10, 5-18.	1.3	36
43	Health, comfort and performance of children in classrooms – New directions for research. <i>Indoor and Built Environment</i> , 2017, 26, 1040-1050.	1.5	57
44	A review of comfort, health, and energy use: Understanding daily energy use and wellbeing for the development of a new approach to study comfort. <i>Energy and Buildings</i> , 2017, 152, 323-335.	3.1	119
45	Perceived Indoor Environment and Occupants' Comfort in European "Modern" Office Buildings: The OFFICAIR Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 444.	1.2	124
46	Self-reported health and comfort in "modern" office buildings: first results from the European OFFICAIR study. <i>Indoor Air</i> , 2016, 26, 298-317.	2.0	111
47	Self-reported rhinitis of students from different universities in the Netherlands and its association with their home environment. <i>Building and Environment</i> , 2016, 110, 36-45.	3.0	15
48	The role of flooring materials in health, comfort and performance of children in classrooms. <i>Cogent Psychology</i> , 2016, 3, 1268774.	0.6	4
49	Office characteristics and dry eye complaints in European workers – The OFFICAIR study. <i>Building and Environment</i> , 2016, 102, 54-63.	3.0	33
50	What do we need to be able to (re)design healthy and comfortable indoor environments?. <i>Intelligent Buildings International</i> , 2014, 6, 69-92.	1.3	29
51	Assessment of wellbeing in an indoor office environment. <i>Building and Environment</i> , 2011, 46, 2632-2640.	3.0	87
52	Comfort of workers in office buildings: The European HOPE project. <i>Building and Environment</i> , 2011, 46, 280-288.	3.0	181
53	Towards new methods and ways to create healthy and comfortable buildings. <i>Building and Environment</i> , 2010, 45, 808-818.	3.0	120
54	Management of the Indoor Environment: from a Component Related to an Interactive Top-down Approach. <i>Indoor and Built Environment</i> , 2008, 17, 483-495.	1.5	20

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55	Multicriteria analysis of health, comfort and energy efficiency in buildings. Building Research and Information, 2006, 34, 475-482.	2.0	63
56	Why, when and how do HVAC-systems pollute the indoor environment and what to do about it? the European AIRLESS project. Building and Environment, 2003, 38, 209-225.	3.0	78
57	The Healthy Indoor Environment. , 0, , .		14
58	The Indoor Environment Handbook. , 0, , .		83
59	Towards better home design for people in temporary accommodation: exploring relationships between meanings of home, activities, and indoor environmental quality. Journal of Housing and the Built Environment, 0, , 1.	0.9	1
60	Exploring the possibility of using CO <sub>2</sub> as a proxy for exhaled particles to predict the risk of indoor exposure to pathogens. Indoor and Built Environment, 0, , 1420326X2211100.	1.5	5