

# Pekka Saarinen

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

449  
citations

687363

13  
h-index

839539

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health effects of wind turbine noise and road traffic noise on people living near wind turbines. Renewable and Sustainable Energy Reviews, 2022, 157, 112040.	16.4	16
2	Emissions, airflow patterns and modeling of test compounds in controlled hospital environments. International Journal of Environmental Health Research, 2021, 31, 374-388.	2.7	1
3	Impact sound insulation of floating floors: A psychoacoustic experiment linking standard objective rating and subjective perception. Building and Environment, 2020, 184, 107225.	6.9	13
4	Physiological and toxicological considerations. , 2020, , 111-226.		1
5	Indoor air-related symptoms and volatile organic compounds in materials and air in the hospital environment. International Journal of Environmental Health Research, 2019, 29, 479-488.	2.7	18
6	Annoyance of low-level tonal sounds – A penalty model. Applied Acoustics, 2019, 145, 358-361.	3.3	7
7	Large-eddy simulation of the containment failure in isolation rooms with a sliding door – An experimental and modelling study. Building Simulation, 2018, 11, 585-596.	5.6	17
8	Airflow patterns through single hinged and sliding doors in hospital isolation rooms – Effect of ventilation, flow differential and passage. Building and Environment, 2016, 107, 154-168.	6.9	49
9	Simulation of HVAC flow noise sources with an exit vent as an example. International Journal of Ventilation, 2016, 15, 45-66.	0.4	3
10	An easy-to-use turbulent inlet boundary condition for large-eddy simulation of radial diffusers. Building Simulation, 2016, 9, 569-581.	5.6	0
11	Airflow Patterns through Single Hinged and Sliding Doors in Hospital Isolation Rooms. International Journal of Ventilation, 2015, 14, 111-126.	0.4	18
12	Different Types of Door-Opening Motions as Contributing Factors to Containment Failures in Hospital Isolation Rooms. PLoS ONE, 2013, 8, e66663.	2.5	50
13	Impact of heat load location and strength on air flow pattern with a passive chilled beam system. Energy and Buildings, 2010, 42, 34-42.	6.7	33
14	Thermal plumes of kitchen appliances: Idle mode. Energy and Buildings, 2006, 38, 1130-1139.	6.7	17
15	Thermal plumes of kitchen appliances: Cooking mode. Energy and Buildings, 2006, 38, 1141-1148.	6.7	22
16	The Spectral Line Narrowing Problem and a Computer Program Based on the Gulf Tuning Method. Applied Spectroscopy, 1998, 52, 1569-1582.	2.2	4
17	Spectral Line Narrowing by Use of the Theoretical Impulse Response. Applied Spectroscopy, 1997, 51, 188-200.	2.2	12
18	New Method for Spectral Line Shape Fitting and Critique on the Voigt Line Shape Model. Applied Spectroscopy, 1995, 49, 1438-1453.	2.2	27

#	ARTICLE	IF	CITATIONS
19	On-line analysis of stack gas composition by commercial FTIR gas analyzer system. , 1994, , .		1
20	Line-shape distortions in misaligned cube corner interferometers. Applied Optics, 1992, 31, 69.	2.1	54
21	Spectral line-shape distortions in Michelson interferometers due to off-focus radiation source. Applied Optics, 1992, 31, 2353.	2.1	34
22	Multicomponent Analysis of FT-IR Spectra. Applied Spectroscopy, 1991, 45, 953-963.	2.2	52