

# Dusan Licina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/452185/publications.pdf>

Version: 2024-02-01

38  
papers

1,142  
citations

331670

21  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of the human convective boundary layer in a quiescent indoor environment. <i>Building and Environment</i> , 2014, 75, 79-91.	6.9	123
2	Clothing-Mediated Exposures to Chemicals and Particles. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5559-5575.	10.0	81
3	Human convective boundary layer and its interaction with room ventilation flow. <i>Indoor Air</i> , 2015, 25, 21-35.	4.3	80
4	Emission rates and the personal cloud effect associated with particle release from the perihuman environment. <i>Indoor Air</i> , 2017, 27, 791-802.	4.3	76
5	Performance assessment of low-cost environmental monitors and single sensors under variable indoor air quality and thermal conditions. <i>Building and Environment</i> , 2021, 187, 107415.	6.9	64
6	Human convection flow in spaces with and without ventilation: personal exposure to floor-released particles and cough-released droplets. <i>Indoor Air</i> , 2015, 25, 672-682.	4.3	57
7	The Indoor Chemical Human Emissions and Reactivity (ICHEAR) project: Overview of experimental methodology and preliminary results. <i>Indoor Air</i> , 2020, 30, 1213-1228.	4.3	51
8	Inhalation intake fraction of particulate matter from localized indoor emissions. <i>Building and Environment</i> , 2017, 123, 14-22.	6.9	50
9	Effectiveness of a personalized ventilation system in reducing personal exposure against directly released simulated cough droplets. <i>Indoor Air</i> , 2015, 25, 683-693.	4.3	49
10	Clothing as a transport vector for airborne particles: Chamber study. <i>Indoor Air</i> , 2018, 28, 404-414.	4.3	47
11	Energy, indoor air quality, occupant behavior, self-reported symptoms and satisfaction in energy-efficient dwellings in Switzerland. <i>Building and Environment</i> , 2020, 171, 106618.	6.9	42
12	Personal CO <sub>2</sub> cloud: laboratory measurements of metabolic CO <sub>2</sub> inhalation zone concentration and dispersion in a typical office desk setting. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 328-337.	3.9	37
13	Concentrations and Sources of Airborne Particles in a Neonatal Intensive Care Unit. <i>PLoS ONE</i> , 2016, 11, e0154991.	2.5	33
14	Test rooms to study human comfort in buildings: A review of controlled experiments and facilities. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111359.	16.4	32
15	Volatile organic compounds in 169 energy-efficient dwellings in Switzerland. <i>Indoor Air</i> , 2020, 30, 481-491.	4.3	29
16	Human Emissions of Size-Resolved Fluorescent Aerosol Particles: Influence of Personal and Environmental Factors. <i>Environmental Science &amp; Technology</i> , 2021, 55, 509-518.	10.0	28
17	Energy and water conservation from air handling unit condensate in hot and humid climates. <i>Energy and Buildings</i> , 2012, 45, 257-263.	6.7	27
18	Radon Investigation in 650 Energy Efficient Dwellings in Western Switzerland: Impact of Energy Renovation and Building Characteristics. <i>Atmosphere</i> , 2019, 10, 777.	2.3	27

#	ARTICLE	IF	CITATIONS
19	Transport of gaseous pollutants by convective boundary layer around a human body. Science and Technology for the Built Environment, 2015, 21, 1175-1186.	1.7	26
20	Development of indoor environmental quality index using a low-cost monitoring platform. Journal of Cleaner Production, 2021, 312, 127846.	9.3	26
21	Indoor air quality investigation before and after relocation to WELL-certified office buildings. Building and Environment, 2021, 204, 108182.	6.9	23
22	Air temperature investigation in microenvironment around a human body. Building and Environment, 2015, 92, 39-47.	6.9	21
23	Occupant satisfaction with indoor environmental quality, sick building syndrome (SBS) symptoms and self-reported productivity before and after relocation into WELL-certified office buildings. Building and Environment, 2021, 204, 108183.	6.9	18
24	Particle release and transport from human skin and clothing: A CFD modeling methodology. Indoor Air, 2021, 31, 1377-1390.	4.3	15
25	Ozone Initiates Human-Derived Emission of Nanocluster Aerosols. Environmental Science & Technology, 2021, 55, 14536-14545.	10.0	15
26	Pilot study of sources and concentrations of size-resolved airborne particles in a neonatal intensive care unit. Building and Environment, 2016, 106, 10-19.	6.9	11
27	Fungal Contaminants in Energy Efficient Dwellings: Impact of Ventilation Type and Level of Urbanization. International Journal of Environmental Research and Public Health, 2020, 17, 4936.	2.6	11
28	Longitudinal assessment of personal air pollution clouds in ten home and office environments. Indoor Air, 2022, 32, e12993.	4.3	11
29	The future of IEQ in green building certifications. Buildings and Cities, 2021, 2, 907-927.	2.3	10
30	Use of IoT sensing and occupant surveys for determining the resilience of buildings to forest fire generated PM2.5. PLoS ONE, 2019, 14, e0223136.	2.5	9
31	Integration of Indoor Air Quality Prediction into Healthy Building Design. Sustainability, 2022, 14, 7890.	3.2	8
32	Renewable energy sources and energy efficiency for building's greening: From traditional village houses via high-rise residential building's BPS and RES powered co- and tri-generation towards net ZEBuildings and Cities. , 2011, , .		4
33	Special Issue Editorial: Green Buildings and Indoor Air Quality. Atmosphere, 2020, 11, 441.	2.3	0
34	Why has the COVID-19 pandemic generated such global interest from the engineering community?. Indoor Air, 2022, 32, e13027.	4.3	0
35	Title is missing!. , 2019, 14, e0223136.		0
36	Title is missing!. , 2019, 14, e0223136.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2019, 14, e0223136.		0
38	Title is missing!. , 2019, 14, e0223136.		0