

# 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  | Longitudinal assessment of personal air pollution clouds in ten home and office environments. <i>Indoor Air</i> , 2022, 32, e12993.  | 4.3  | 11        |
| 2  | Why has the COVID-19 pandemic generated such global interest from the engineering community?. <i>Indoor Air</i> , 2022, 32, e13027.  | 4.3  | 0         |
| 3  | Integration of Indoor Air Quality Prediction into Healthy Building Design. <i>Sustainability</i> , 2022, 14, 7890.   | 3.2  | 8         |
| 4  | 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        |
| 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  | Particle release and transport from human skin and clothing: A CFD modeling methodology. <i>Indoor Air</i> , 2021, 31, 1377-1390.  | 4.3  | 15        |
| 7  | Development of indoor environmental quality index using a low-cost monitoring platform. <i>Journal of Cleaner Production</i> , 2021, 312, 127846.  | 9.3  | 26        |
| 8  | Indoor air quality investigation before and after relocation to WELL-certified office buildings. <i>Building and Environment</i> , 2021, 204, 108182.  | 6.9  | 23        |
| 9  | Occupant satisfaction with indoor environmental quality, sick building syndrome (SBS) symptoms and self-reported productivity before and after relocation into WELL-certified office buildings. <i>Building and Environment</i> , 2021, 204, 108183. | 6.9  | 18        |
| 10 | 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        |
| 11 | Ozone Initiates Human-Derived Emission of Nanocluster Aerosols. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14536-14545.   | 10.0 | 15        |
| 12 | The future of IEQ in green building certifications. <i>Buildings and Cities</i> , 2021, 2, 907-927.  | 2.3  | 10        |
| 13 | Personal CO2 cloud: laboratory measurements of metabolic CO2 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        |
| 14 | 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        |
| 15 | Fungal Contaminants in Energy Efficient Dwellings: Impact of Ventilation Type and Level of Urbanization. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4936.  | 2.6  | 11        |
| 16 | Volatile organic compounds in 169 energy-efficient dwellings in Switzerland. <i>Indoor Air</i> , 2020, 30, 481-491.  | 4.3  | 29        |
| 17 | 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        |
| 18 | Special Issue Editorial: Green Buildings and Indoor Air Quality. <i>Atmosphere</i> , 2020, 11, 441.  | 2.3  | 0         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | 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         |
| 20 | Clothing-Mediated Exposures to Chemicals and Particles. Environmental Science & Technology, 2019, 53, 5559-5575.  | 10.0 | 81        |
| 21 | Radon Investigation in 650 Energy Efficient Dwellings in Western Switzerland: Impact of Energy Renovation and Building Characteristics. Atmosphere, 2019, 10, 777.      | 2.3  | 27        |
| 22 | Title is missing!. , 2019, 14, e0223136.  |      | 0         |
| 23 | Title is missing!. , 2019, 14, e0223136.  |      | 0         |
| 24 | Title is missing!. , 2019, 14, e0223136.  |      | 0         |
| 25 | Title is missing!. , 2019, 14, e0223136.  |      | 0         |
| 26 | Clothing as a transport vector for airborne particles: Chamber study. Indoor Air, 2018, 28, 404-414.  | 4.3  | 47        |
| 27 | Emission rates and the personal cloud effect associated with particle release from the perihuman environment. Indoor Air, 2017, 27, 791-802.                            | 4.3  | 76        |
| 28 | Inhalation intake fraction of particulate matter from localized indoor emissions. Building and Environment, 2017, 123, 14-22.   | 6.9  | 50        |
| 29 | 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        |
| 30 | Concentrations and Sources of Airborne Particles in a Neonatal Intensive Care Unit. PLoS ONE, 2016, 11, e0154991.   | 2.5  | 33        |
| 31 | Effectiveness of a personalized ventilation system in reducing personal exposure against directly released simulated cough droplets. Indoor Air, 2015, 25, 683-693.     | 4.3  | 49        |
| 32 | Human convection flow in spaces with and without ventilation: personal exposure to floor-released particles and cough-released droplets. Indoor Air, 2015, 25, 672-682. | 4.3  | 57        |
| 33 | 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        |
| 34 | Air temperature investigation in microenvironment around a human body. Building and Environment, 2015, 92, 39-47.   | 6.9  | 21        |
| 35 | Human convective boundary layer and its interaction with room ventilation flow. Indoor Air, 2015, 25, 21-35.  | 4.3  | 80        |
| 36 | Experimental investigation of the human convective boundary layer in a quiescent indoor environment. Building and Environment, 2014, 75, 79-91.                         | 6.9  | 123       |

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|----|---|-----|-----------|
| 37 | Energy and water conservation from air handling unit condensate in hot and humid climates. Energy and Buildings, 2012, 45, 257-263.   | 6.7 | 27        |
| 38 | 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         |