

# Zhuangbo Feng

## List of Publications by Year in descending order

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papers

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686830

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887659

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#	ARTICLE	IF	CITATIONS
1	Optimization of ventilation performance of side air supply for large indoor spaces using deflectors and slot air outlets. <i>Indoor and Built Environment</i> , 2023, 32, 323-342.	1.5	9
2	Application of polyhedral meshing strategy in indoor environment simulation: Model accuracy and computing time. <i>Indoor and Built Environment</i> , 2022, 31, 719-731.	1.5	17
3	Environmental co-benefits of urban design to mitigate urban heat island and PM <sub>2.5</sub> pollution: Considering prevailing wind's effects. <i>Indoor and Built Environment</i> , 2022, 31, 1787-1805.	1.5	13
4	Quantitative investigations on setting parameters of air conditioning (air-supply speed and) Tj ETQq0 0 0 rBT /Overlock 10 Tf_50 622 T	1.5	17
5	Evaluation of indoor disinfection technologies for airborne disease control in hospital. <i>Indoor and Built Environment</i> , 2021, 30, 727-731.	1.5	14
6	Occupant-density-detection based energy efficient ventilation system: Prevention of infection transmission. <i>Energy and Buildings</i> , 2021, 240, 110883.	3.1	96
7	Influences of the optimized air curtain at subway entrance to reduce the ingress of outdoor airborne particles. <i>Energy and Buildings</i> , 2021, 244, 111028.	3.1	31
8	Indoor airborne disinfection with electrostatic disinfector (ESD): Numerical simulations of ESD performance and reduction of computing time. <i>Building and Environment</i> , 2021, 200, 107956.	3.0	24
9	Mitigating COVID-19 infection disease transmission in indoor environment using physical barriers. <i>Sustainable Cities and Society</i> , 2021, 74, 103175.	5.1	83
10	Removal of SARS-CoV-2 using UV+Filter in built environment. <i>Sustainable Cities and Society</i> , 2021, 74, 103226.	5.1	39
11	The effect of vent inlet aspect ratio and its location on ventilation efficiency. <i>Indoor and Built Environment</i> , 2020, 29, 180-195.	1.5	31
12	Fast prediction for indoor environment: Models assessment. <i>Indoor and Built Environment</i> , 2019, 28, 727-730.	1.5	49
13	Study on the subway environment induced by moving train using Gaussian distributed momentum source theory method. <i>Indoor and Built Environment</i> , 2019, 28, 1083-1091.	1.5	13
14	Impacts of humidification process on indoor thermal comfort and air quality using portable ultrasonic humidifier. <i>Building and Environment</i> , 2018, 133, 62-72.	3.0	64
15	Influence of air change rates on indoor CO <sub>2</sub> stratification in terms of Richardson number and vorticity. <i>Building and Environment</i> , 2018, 129, 74-84.	3.0	79
16	Impact of ventilation rates on indoor thermal comfort and energy efficiency of ground-source heat pump system. <i>Sustainable Cities and Society</i> , 2018, 37, 154-163.	5.1	79
17	Study on the impacts of human walking on indoor particles dispersion using momentum theory method. <i>Building and Environment</i> , 2017, 126, 195-206.	3.0	90