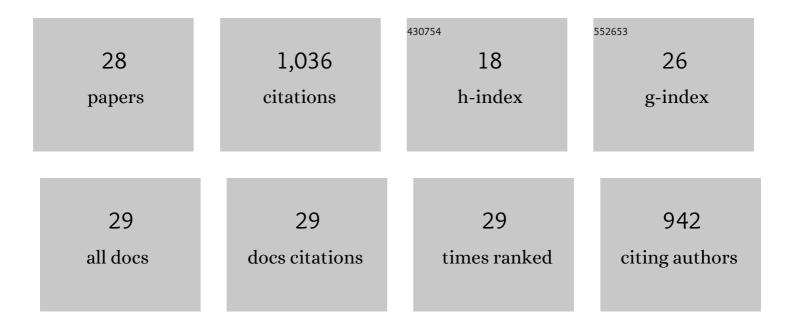
Shichao Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2702520/publications.pdf Version: 2024-02-01



<u> Сніснао Гії</u>

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Data-driven personal thermal comfort prediction: A literature review. Renewable and Sustainable Energy Reviews, 2022, 161, 112357. | 8.2 | 34 |
| 2 | How indoor environmental quality affects occupants' cognitive functions: A systematic review. Building and Environment, 2021, 193, 107647. | 3.0 | 72 |
| 3 | Comparison of sensitivity matrix method, power function-based response surface method, and artificial neural network in the analysis of building fire egress performance. Journal of Building Engineering, 2021, 43, 102860. | 1.6 | 5 |
| 4 | Occupants' satisfaction with LEED- and non-LEED-certified apartments using social media data. Building and Environment, 2021, 206, 108288. | 3.0 | 8 |
| 5 | Evaluating the comfort of thermally dynamic wearable devices. Building and Environment, 2020, 167, 106443. | 3.0 | 41 |
| 6 | Personal CO2 cloud: laboratory measurements of metabolic CO2 inhalation zone concentration and dispersion in a typical office desk setting. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 328-337. | 1.8 | 37 |
| 7 | Carbon dioxide generation rates of different age and gender under various activity levels. Building and Environment, 2020, 186, 107317. | 3.0 | 25 |
| 8 | Predicted percentage dissatisfied with vertical temperature gradient. Energy and Buildings, 2020, 220, 110085. | 3.1 | 18 |
| 9 | Personal thermal comfort models with wearable sensors. Building and Environment, 2019, 162, 106281. | 3.0 | 160 |
| 10 | Towards locating time-varying indoor particle sources: Development of two multi-robot olfaction methods based on whale optimization algorithm. Building and Environment, 2019, 166, 106413. | 3.0 | 19 |
| 11 | Personal CO2 bubble: Context-dependent variations and wearable sensors usability. Journal of Building Engineering, 2019, 22, 295-304. | 1.6 | 28 |
| 12 | An improved particle swarm optimization method for locating time-varying indoor particle sources. Building and Environment, 2019, 147, 146-157. | 3.0 | 36 |
| 13 | Experimental and numerical investigations of indoor air movement distribution with an office ceiling fan. Building and Environment, 2018, 130, 14-26. | 3.0 | 50 |
| 14 | Automated mobile sensing: Towards high-granularity agile indoor environmental quality monitoring. Building and Environment, 2018, 127, 268-276. | 3.0 | 98 |
| 15 | Predicted percentage dissatisfied with ankle draft. Indoor Air, 2017, 27, 852-862. | 2.0 | 32 |
| 16 | Experimental study on air change effectiveness: Improving air distribution with all-air heating systems. Building and Environment, 2017, 125, 515-527. | 3.0 | 20 |
| 17 | Dynamic interaction of a downward plane jet and a cough jet with respect to particle transmission: An analytical and experimental study. Journal of Occupational and Environmental Hygiene, 2017, 14, 618-631. | 0.4 | 14 |
| 18 | Ceiling fan air speeds around desks and office partitions. Building and Environment, 2017, 124, 412-440. | 3.0 | 35 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Air diffusion performance index (ADPI) of overhead-air-distribution at low cooling loads. Energy and Buildings, 2017, 134, 271-284. | 3.1 | 17 |
| 20 | Indoor environmental quality monitoring by autonomous mobile sensing. , 2017, , . | | 0 |
| 21 | Contribution of human-related sources to indoor volatile organic compounds in a university classroom. Indoor Air, 2016, 26, 925-938. | 2.0 | 91 |
| 22 | The effect of deflectors on Air Diffusion Performance Index of adjustable diffusers: Cooling condition (RP-1546). Science and Technology for the Built Environment, 2016, 22, 67-74. | 0.8 | 6 |
| 23 | Characterizing the Dynamic Interactions and Exposure Implications of a Particle-Laden Cough Jet with Different Room Airflow Regimes Produced by Low and High Momentum Jets. Aerosol and Air Quality Research, 2015, 15, 1955-1966. | 0.9 | 18 |
| 24 | Air Diffusion Performance Index (ADPI) of diffusers for heating mode. Building and Environment, 2015, 87, 215-223. | 3.0 | 40 |
| 25 | Transport of Airborne Particles from an Unobstructed Cough Jet. Aerosol Science and Technology, 2014, 48, 1183-1194. | 1.5 | 28 |
| 26 | Lagrangian particle modeling in the indoor environment: A comparison of RANS and LES turbulence methods (RP-1512). HVAC and R Research, 2014, 20, 480-495. | 0.9 | 28 |
| 27 | Numerical evaluation of louver configuration and ventilation strategies for the windcatcher system. Building and Environment, 2011, 46, 1600-1616. | 3.0 | 54 |
| 28 | A survey of today's CVT controls. , 0, , . | | 22 |

A survey of today's CVT controls. , 0, , . 28