Bowen Du

List of Publications by Year
in descending order

22 papers	291 citations
1163117 8 h-index	888059 17 g-index
22 all docs	22 docs citations
22 times ranked	307 citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure and flowrate distribution in central exhaust shaft with multiple randomly operating range hoods. Building Simulation, 2022, 15, 149-165.	5.6	8
2	The impact of emissions from an essential oil diffuser on cognitive performance. Indoor Air, 2022, 32, .	4.3	9
3	Deployment Optimization for Shared e-Mobility Systems With Multi-Agent Deep Neural Search. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2549-2560.	8.0	1
4	DSSM: A Deep Neural Network with Spectrum Separable Module for Multi-Spectral Remote Sensing Image Segmentation. Remote Sensing, 2022, 14, 818.	4.0	3
5	Toward Data Authenticity and Integrity for Blockchain-Based Mobile Edge Computing. IEEE Sensors Journal, 2022, 22, 9967-9980.	4.7	1
6	Localization and characterization of intermittent pollutant source in buildings with ventilation systems: Development and validation of an inverse model. Building Simulation, 2021, 14, 841-855.	5.6	9
7	Volatile organic compound and particulate matter emissions from an ultrasonic essential oil diffuser. Indoor Air, 2021, 31, 1982-1992.	4.3	4
8	Hybrid Attention Based Residual Network for Pansharpening. Remote Sensing, 2021, 13, 1962.	4.0	13
9	FTRLIM: Distributed Instance Matching Framework for Large-Scale Knowledge Graph Fusion. Entropy, 2021, 23, 602.	2.2	4
10	Event Encryption for Neuromorphic Vision Sensors: Framework, Algorithm, and Evaluation. Sensors, 2021, 21, 4320.	3.8	7
11	A variable air volume control strategy for a centralized exhaust system with multiple on-off switched terminals and flow-guide devices. Journal of Building Engineering, 2021, 38, 102185.	3.4	1
12	Experimental studies on the flow characteristics of a centralized exhaust system with multiple distribution of open terminals. Journal of Building Engineering, 2021, 42, 102801.	3.4	0
13	Use of a high-flow extractor to reduce aerosol exposure in tracheal intubation. British Journal of Anaesthesia, 2020, 125, e363-e366.	3.4	11
14	Indoor CO_2 concentrations and cognitive function: A critical review. Indoor Air, 2020, 30, 1067-1082.	4.3	83
15	Occupant exposure and ventilation conditions in Chinese residential kitchens: Site survey and measurement for an old residential community in Shanghai. Journal of Building Engineering, 2020, 31, 101406.	3.4	18
16	Securing Cyber-Physical Social Interactions on Wrist-Worn Devices. ACM Transactions on Sensor Networks, 2020, 16, 1-22.	3.6	9
17	Efficient Indoor Positioning with Visual Experiences via Lifelong Learning. IEEE Transactions on Mobile Computing, 2019, 18, 814-829.	5.8	6
18	Probability-based inverse characterization of the instantaneous pollutant source within a ventilation system. Building and Environment, 2018, 143, 378-389.	6.9	15

#	ARTICLE	IF	CITATIONS
19	Area optimization of solar collectors for adsorption desalination. Solar Energy, 2017, 157, 298-308.	6.1	22
20	Particle exposure level and potential health risks of domestic Chinese cooking. Building and Environment, 2017, 123, 564-574.	6.9	60
21	Objective Recognition of Cough as a Non-invasive Biomarker for Exposure to Cooking Oil Fumes. Procedia Engineering, 2017, 205, 3497-3502.	1.2	3
22	Performance of nanofibrous media in portable air cleaners. Aerosol Science and Technology, 0, , 1-12.	3.1	4