

# Bowen Du

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/268540/publications.pdf>

Version: 2024-02-01

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	Indoor CO <sub>2</sub> concentrations and cognitive function: A critical review. <i>Indoor Air</i> , 2020, 30, 1067-1082.	4.3	83
2	Particle exposure level and potential health risks of domestic Chinese cooking. <i>Building and Environment</i> , 2017, 123, 564-574.	6.9	60
3	Area optimization of solar collectors for adsorption desalination. <i>Solar Energy</i> , 2017, 157, 298-308.	6.1	22
4	Occupant exposure and ventilation conditions in Chinese residential kitchens: Site survey and measurement for an old residential community in Shanghai. <i>Journal of Building Engineering</i> , 2020, 31, 101406.	3.4	18
5	Probability-based inverse characterization of the instantaneous pollutant source within a ventilation system. <i>Building and Environment</i> , 2018, 143, 378-389.	6.9	15
6	Hybrid Attention Based Residual Network for Pansharpening. <i>Remote Sensing</i> , 2021, 13, 1962.	4.0	13
7	Use of a high-flow extractor to reduce aerosol exposure in tracheal intubation. <i>British Journal of Anaesthesia</i> , 2020, 125, e363-e366.	3.4	11
8	Localization and characterization of intermittent pollutant source in buildings with ventilation systems: Development and validation of an inverse model. <i>Building Simulation</i> , 2021, 14, 841-855.	5.6	9
9	Securing Cyber-Physical Social Interactions on Wrist-Worn Devices. <i>ACM Transactions on Sensor Networks</i> , 2020, 16, 1-22.	3.6	9
10	The impact of emissions from an essential oil diffuser on cognitive performance. <i>Indoor Air</i> , 2022, 32, .	4.3	9
11	Pressure and flowrate distribution in central exhaust shaft with multiple randomly operating range hoods. <i>Building Simulation</i> , 2022, 15, 149-165.	5.6	8
12	Event Encryption for Neuromorphic Vision Sensors: Framework, Algorithm, and Evaluation. <i>Sensors</i> , 2021, 21, 4320.	3.8	7
13	Efficient Indoor Positioning with Visual Experiences via Lifelong Learning. <i>IEEE Transactions on Mobile Computing</i> , 2019, 18, 814-829.	5.8	6
14	Performance of nanofibrous media in portable air cleaners. <i>Aerosol Science and Technology</i> , 0, , 1-12.	3.1	4
15	Volatile organic compound and particulate matter emissions from an ultrasonic essential oil diffuser. <i>Indoor Air</i> , 2021, 31, 1982-1992.	4.3	4
16	FTRLIM: Distributed Instance Matching Framework for Large-Scale Knowledge Graph Fusion. <i>Entropy</i> , 2021, 23, 602.	2.2	4
17	Objective Recognition of Cough as a Non-invasive Biomarker for Exposure to Cooking Oil Fumes. <i>Procedia Engineering</i> , 2017, 205, 3497-3502.	1.2	3
18	DSSM: A Deep Neural Network with Spectrum Separable Module for Multi-Spectral Remote Sensing Image Segmentation. <i>Remote Sensing</i> , 2022, 14, 818.	4.0	3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Toward Data Authenticity and Integrity for Blockchain-Based Mobile Edge Computing. IEEE Sensors Journal, 2022, 22, 9967-9980.	4.7	1
22	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