

# Wenjian Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8787813/publications.pdf>

Version: 2024-02-01

9  
papers

142  
citations

1684188

5  
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1720034

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g-index

9  
all docs

9  
docs citations

9  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Airflow measurements using averaging Pitot tube under restricted conditions. Building and Environment, 2018, 139, 17-26.	6.9	40
2	Modeling, air balancing and optimal pressure set-point selection for the ventilation system with minimized energy consumption. Applied Energy, 2019, 236, 574-589.	10.1	33
3	Automatic Triple Phase-Shift Modulation for DAB Converter With Minimized Power Loss. IEEE Transactions on Industry Applications, 2022, 58, 3840-3851.	4.9	23
4	An energy-saving oriented air balancing method for demand controlled ventilation systems with branch and black-box model. Applied Energy, 2020, 264, 114734.	10.1	22
5	A Data-Physical Hybrid-Driven Air Balancing Method for the Ventilation System. IEEE Transactions on Industrial Informatics, 2021, 17, 6583-6593.	11.3	9
6	Robust controller design for networked control systems with uncertain time delays. , 2008, , .		4
7	Operating points as communication bridge between energy evaluation with air temperature and velocity based on extreme learning machine (ELM) models. , 2016, , .		4
8	A Novel Air Balancing Method for HVAC Systems by a Full Data-Driven Duct System Model. IEEE Transactions on Industrial Electronics, 2021, 68, 12595-12606.	7.9	4
9	A Novel Min-Consensus-Based Distributed Control Method for Multi-Zone Ventilation Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 8284-8295.	7.9	3