

Wenjian Cai

List of Publications by Year in descending order

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papers

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1684188

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9
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61
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Automatic Triple Phase-Shift Modulation for DAB Converter With Minimized Power Loss. IEEE Transactions on Industry Applications, 2022, 58, 3840-3851.	4.9	23
3	A Data-Physical Hybrid-Driven Air Balancing Method for the Ventilation System. IEEE Transactions on Industrial Informatics, 2021, 17, 6583-6593.	11.3	9
4	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
5	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
6	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
7	Airflow measurements using averaging Pitot tube under restricted conditions. Building and Environment, 2018, 139, 17-26.	6.9	40
8	Operating points as communication bridge between energy evaluation with air temperature and velocity based on extreme learning machine (ELM) models. , 2016, , .		4
9	Robust controller design for networked control systems with uncertain time delays. , 2008, , .		4