

# Peng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1099629/publications.pdf>

Version: 2024-02-01

12  
papers

147  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure consequence evaluation of uncontrollable district heating network. <i>Sustainable Cities and Society</i> , 2022, 78, 103593.	10.4	5
2	Topology Optimization of District Heating Network Based on Edge Influence Degree. , 2021, , .		1
3	A prediction method for urban heat supply based on grey system theory. <i>Sustainable Cities and Society</i> , 2020, 52, 101819.	10.4	19
4	Effect of population age structure on capacity for biomass cogeneration: A case study of a rural area in China. <i>Building and Environment</i> , 2020, 170, 106601.	6.9	3
5	Impact of a cold-village merger plan on the Investment Cost and Energy Utilization Ratio of Biomass Combined Heat and Power Plants. <i>Journal of Cleaner Production</i> , 2020, 255, 120346.	9.3	8
6	Reduction analysis of building thermal models for simulation of heating accidents. <i>Building Simulation</i> , 2020, 13, 1249-1258.	5.6	3
7	Effect of spatial distribution and number of raw material collection locations on the transportation costs of biomass thermal power plants. <i>Sustainable Cities and Society</i> , 2020, 55, 102040.	10.4	27
8	Reliability segment design in single-source district heating networks based on valve network models. <i>Sustainable Cities and Society</i> , 2020, 63, 102463.	10.4	7
9	The reliability and availability evaluation of repairable district heating networks under changeable external conditions. <i>Applied Energy</i> , 2017, 203, 686-695.	10.1	59
10	Reliability evaluation of existing district heating networks based on a building's realistic heat gain under failure condition. <i>Science and Technology for the Built Environment</i> , 2017, 23, 522-531.	1.7	6
11	Propositions on the Number of Confluence Vertices in Distribution Networks. <i>Journal of Hydraulic Engineering</i> , 2016, 142, 06016009.	1.5	0
12	Energy-consumption and economic analysis of group and building substation systems " A case study of the reformation of the district heating system in China. <i>Renewable Energy</i> , 2016, 87, 1139-1147.	8.9	9