

# Ivan Postnikov

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

178  
citations

1163117

8  
h-index

1125743

13  
g-index

28  
all docs

28  
docs citations

28  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methodology for optimization of component reliability of heat supply systems. Applied Energy, 2018, 227, 365-374.	10.1	28
2	Methods for the Integrated Reliability Analysis of Heat Supply. Power Technology and Engineering, 2014, 47, 446-453.	0.3	27
3	Search for a market equilibrium of Cournot-Nash in the competitive heat market. Energy, 2018, 161, 193-201.	8.8	22
4	Prosumer in the District Heating Systems: Operating and Reliability Modeling. Energy Procedia, 2019, 158, 2530-2535.	1.8	15
5	Modifications of probabilistic models of states evolution for reliability analysis of district heating systems. Energy Reports, 2020, 6, 293-298.	5.1	13
6	A Methodology for Optimiziation of Component Reliability of Heat Supply Systems. Energy Procedia, 2017, 105, 3083-3088.	1.8	10
7	A reliability assessment of the heating from a hybrid energy source based on combined heat and power and wind power plants. Reliability Engineering and System Safety, 2022, 221, 108372.	8.9	10
8	Methods for optimization of time redundancy of prosumer in district heating systems. Energy Reports, 2020, 6, 214-220.	5.1	8
9	Development Features of Heat Power Industry Legislation in Russia. Environmental and Climate Technologies, 2019, 23, 22-35.	1.4	8
10	Optimization of the Effective Heat Supply Radius for the District Heating Systems. Environmental and Climate Technologies, 2019, 23, 207-221.	1.4	7
11	Integrated Energy Supply Schemes on Basis of Cogeneration Plants and Wind Power Plants. Energy Procedia, 2019, 158, 154-159.	1.8	6
12	Application of the Methods for Comprehensive Reliability Analysis of District Heating Systems. Environmental and Climate Technologies, 2020, 24, 145-162.	1.4	6
13	Unified Heat Supply Organization: Mathematical Modeling and Calculation. Energy Procedia, 2019, 158, 3439-3444.	1.8	5
14	Methods and models of optimal managing of district heating systems with prosumers. E3S Web of Conferences, 2017, 25, 02008.	0.5	3
15	Optimization of joint operation of district and distributed heat sources for effective and reliable heat supply to consumers. E3S Web of Conferences, 2018, 58, 01014.	0.5	2
16	Methods for Comprehensive Analysis of Heat Supply Reliability. International Journal of Energy Optimization and Engineering, 2013, 2, 120-142.	0.6	2
17	Methodology of Indicative Analysis to Determine the Municipal Units for Implementation of the Energy-Saving Strategy. Environmental and Climate Technologies, 2020, 24, 115-123.	1.4	2
18	Methods and models of ensuring reliability of district heating systems with prosumers. E3S Web of Conferences, 2017, 25, 02009.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Combined power generation by thermal and wind power plants. Energy-Safety and Energy-Economy, 2017, 3, 8-14.	0.1	1
20	Methodological principles and approaches to selecting energy saving measures in the heat power sector. Energy-Safety and Energy-Economy, 2020, 3, 10-15.	0.1	1
21	Search the optimal ratio of system's component reliability parameters and the heat capacity of prosumers in the district heating system. E3S Web of Conferences, 2020, 219, 02004.	0.5	1
22	Impact of deicing agents on heat network corrosion. E3S Web of Conferences, 2018, 58, 02005.	0.5	0
23	Optimization of the reliability of heat supply with an active consumer. MATEC Web of Conferences, 2018, 212, 02004.	0.2	0
24	Optimization of the district heating zones. MATEC Web of Conferences, 2018, 212, 02005.	0.2	0
25	Methods for optimal loading of the prosumer's heat source during the heating period. E3S Web of Conferences, 2019, 102, 02006.	0.5	0
26	Methods for the determination of the effective heating radius in district heating systems taking into account reliability. E3S Web of Conferences, 2020, 216, 01058.	0.5	0
27	Analysis of the reliability of heat supply from hybrid energy source based on WPP and CHPP. E3S Web of Conferences, 2020, 216, 01057.	0.5	0
28	Methodology for the Optimal Development of District Heating Systems: Theoretical and Practical Research. E3S Web of Conferences, 2020, 209, 02028.	0.5	0