

# Hakan Ibrahim Tol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3713606/publications.pdf>

Version: 2024-02-01

10  
papers

190  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the dimensioning of piping networks and network layouts in low-energy district heating systems connected to low-energy buildings: A case study in Roskilde, Denmark. <i>Energy</i> , 2012, 38, 276-290.	8.8	95
2	A comparative study on substation types and network layouts in connection with low-energy district heating systems. <i>Energy Conversion and Management</i> , 2012, 64, 551-561.	9.2	33
3	Effects of boosting the supply temperature on pipe dimensions of low-energy district heating networks: A case study in Gladsaxe, Denmark. <i>Energy and Buildings</i> , 2015, 88, 324-334.	6.7	16
4	A novel demand-responsive control strategy for district heating systems, featuring return temperature reduction. <i>Energy and Built Environment</i> , 2021, 2, 105-125.	5.9	15
5	Energy, exergy and economic investigation of operating temperature impacts on district heating systems: Transition from high to low-temperature networks. <i>Energy</i> , 2022, 251, 123845.	8.8	9
6	Improved space-heating radiator model: Focus on set-back operation, radiator over-dimensioning, and add-on fans. <i>Building Simulation</i> , 2020, 13, 317-334.	5.6	8
7	Development of a physical hydraulic modelling tool for District Heating systems. <i>Energy and Buildings</i> , 2021, 253, 111512.	6.7	7
8	The Exergetic, Environmental and Economic Effect of the Hydrostatic Design Static Pressure Level on the Pipe Dimensions of Low-Energy District Heating Networks. <i>Challenges</i> , 2013, 4, 1-16.	1.7	4
9	Determining the Optimal Capacities of Renewable-Energy-Based Energy Conversion Systems for Meeting the Demands of Low-Energy District Heating, Electricity, and District Cooling: Case Studies in Copenhagen and Toronto. , 2015, , 777-830.		3
10	Regional Energy Planning Tool for Renewable Integrated Low-Energy District Heating Systems: Environmental Assessment. , 2013, , 859-878.		0