

# Hoofar Hemmatabady

## List of Publications by Year in descending order

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7  
papers

182  
citations

1683354  
5  
h-index

1719596  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	AI-based enviro-economic optimization of solar-coupled and standalone geothermal systems for heating and cooling. <i>Applied Energy</i> , 2022, 311, 118652.	5.1	15
2	Co-simulation of district heating systems and borehole heat exchanger arrays using 3D finite element method subsurface models. <i>Journal of Building Performance Simulation</i> , 2022, 15, 362-378.	1.0	3
3	Strategies for a transition towards a solar district heating grid with integrated seasonal geothermal energy storage. <i>Energy</i> , 2021, 228, 120662.	4.5	20
4	A Modelica Toolbox for the Simulation of Borehole Thermal Energy Storage Systems. <i>Energies</i> , 2020, 13, 2327.	1.6	16
5	Optimized Layouts of Borehole Thermal Energy Storage Systems in 4th Generation Grids. <i>Energies</i> , 2020, 13, 4405.	1.6	6
6	Hybrid thermal seasonal storage and solar assisted geothermal heat pump systems for greenhouses. <i>Advances in Energy Research</i> , 2016, 4, 87-106.	0.4	5
7	Optimization of performance of Combined Solar Collector-Geothermal Heat Pump Systems to supply thermal load needed for heating greenhouses. <i>Energy Conversion and Management</i> , 2015, 97, 382-392.	4.4	117