

Hoofar Hemmatabady

List of Publications by Year in descending order

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7
papers

182
citations

1683354
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213
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | A Modelica Toolbox for the Simulation of Borehole Thermal Energy Storage Systems. <i>Energies</i> , 2020, 13, 2327. | 1.6 | 16 |
| 4 | 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 |
| 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 | 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 |