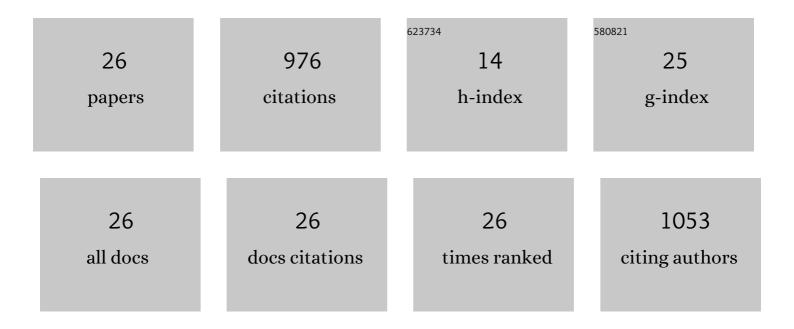
## Chiheb Bouden

List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Development of the ASHRAE Global Thermal Comfort Database II. Building and Environment, 2018, 142, 502-512.  | 6.9  | 279       |
| 2  | An adaptive thermal comfort model for the Tunisian context: a field study results. Energy and Buildings, 2005, 37, 952-963.  | 6.7  | 114       |
| 3  | Dynamic simulation of an integrated solar-driven ejector based air conditioning system with PCM cold storage. Applied Energy, 2017, 190, 600-611.  | 10.1 | 91        |
| 4  | Experimental determination of the heat transfer and cold storage characteristics of a<br>microencapsulated phase change material in a horizontal tank. Energy Conversion and Management,<br>2015, 94, 275-285.             | 9.2  | 60        |
| 5  | Numerical and experimental study of an integrated solar collector with CPC reflectors. Renewable Energy, 2013, 57, 577-586.  | 8.9  | 59        |
| 6  | A CFD analysis of the flow structure inside a steam ejector to identify the suitable experimental operating conditions for a solar-driven refrigeration system. International Journal of Refrigeration, 2014, 39, 186-195. | 3.4  | 57        |
| 7  | Validation of a CFD model for the simulation of heat transfer in a tubes-in-tank PCM storage unit.<br>Renewable Energy, 2016, 89, 371-379.   | 8.9  | 46        |
| 8  | Impacts of energy efficiency policies on the integration of renewable energy. Energy Policy, 2019, 133, 110922.  | 8.8  | 45        |
| 9  | Long-term optimisation model of the Tunisian power system. Energy, 2017, 141, 550-562.   | 8.8  | 38        |
| 10 | Influence of glass curtain walls on the building thermal energy consumption under Tunisian climatic conditions: The case of administrative buildings. Renewable Energy, 2007, 32, 141-156.                                 | 8.9  | 34        |
| 11 | A Solar-Driven Ejector Refrigeration System for Mediterranean Climate: Experience Improvement and<br>New Results Performed. Energy Procedia, 2012, 18, 1115-1124.  | 1.8  | 18        |
| 12 | Overheating caused by passive solar elements in Tunis. Effectiveness of some ways to prevent it.<br>Renewable Energy, 1993, 3, 801-811.  | 8.9  | 17        |
| 13 | Model performance assessment and experimental analysis of a solar assisted cooling system. Solar Energy, 2017, 143, 43-62.   | 6.1  | 17        |
| 14 | Three dimensional heat transfer analysis of combined conduction and radiation in honeycomb transparent insulation. Solar Energy, 2014, 105, 58-70.   | 6.1  | 16        |
| 15 | Pre-design of a Mini CSP Plant. Energy Procedia, 2015, 69, 1613-1622.  | 1.8  | 14        |
| 16 | Coupling TRNSYS 17 and CONTAM: simulation of a naturally ventilated double-skin façade. Advances in<br>Building Energy Research, 2015, 9, 293-304.   | 2.3  | 14        |
| 17 | Thermal and fluid dynamic analysis of Direct Steam Generation Parabolic Trough Collectors. Energy<br>Conversion and Management, 2019, 196, 467-483.  | 9.2  | 14        |
| 18 | Assessment of the Inner Skin Composition Impact on the Double-skin Façade Energy Performance in the<br>Mediterranean Climate. Energy Procedia, 2017, 111, 195-204.   | 1.8  | 11        |

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|----|--|-----|-----------|
| 19 | A scenario analysis of potential long-term impacts of COVID-19 on the Tunisian electricity sector.<br>Energy Strategy Reviews, 2021, 38, 100759.   | 7.3 | 7         |
| 20 | Numerical Simulation, Design, and Construction of a Double Glazed Compound Parabolic<br>Concentrators-Type Integrated Collector Storage Water Heater. Journal of Solar Energy Engineering,<br>Transactions of the ASME, 2016, 138, . | 1.8 | 6         |
| 21 | Sustainability assessment of a hybrid CSP/biomass. Results of a prototype plant in Tunisia. Sustainable<br>Energy Technologies and Assessments, 2020, 42, 100862.  | 2.7 | 5         |
| 22 | Heating performance of an experimental passive solar house in Tunisia. Renewable Energy, 1993, 3, 1-13.  | 8.9 | 4         |
| 23 | Feasibility investigation of coupling a desalination prototype functioning by Aero-Evapo-Condensation with solar units. International Journal of Nuclear Desalination, 2003, 1, 116.   | 0.2 | 4         |
| 24 | A Trnsys simulation of a solar-driven ejector air conditioning system with an integrated PCM cold storage. AIP Conference Proceedings, 2017, , .   | 0.4 | 4         |
| 25 | Impacts of Electricity Subsidies Policy on Energy Transition. Lecture Notes in Energy, 2020, , 65-98.  | 0.3 | 2         |
| 26 | The Role of Social Discount Rate in Energy Modelling. Advanced Sciences and Technologies for Security Applications, 2021, , 475-500.   | 0.5 | 0         |