

# Chiheb Bouden

## List of Publications by Year in descending order

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26  
papers

976  
citations

623734

14  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1053  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Social Discount Rate in Energy Modelling. <i>Advanced Sciences and Technologies for Security Applications</i> , 2021, , 475-500.	0.5	0
2	A scenario analysis of potential long-term impacts of COVID-19 on the Tunisian electricity sector. <i>Energy Strategy Reviews</i> , 2021, 38, 100759.	7.3	7
3	Sustainability assessment of a hybrid CSP/biomass. Results of a prototype plant in Tunisia. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 42, 100862.	2.7	5
4	Impacts of Electricity Subsidies Policy on Energy Transition. <i>Lecture Notes in Energy</i> , 2020, , 65-98.	0.3	2
5	Impacts of energy efficiency policies on the integration of renewable energy. <i>Energy Policy</i> , 2019, 133, 110922.	8.8	45
6	Thermal and fluid dynamic analysis of Direct Steam Generation Parabolic Trough Collectors. <i>Energy Conversion and Management</i> , 2019, 196, 467-483.	9.2	14
7	Development of the ASHRAE Global Thermal Comfort Database II. <i>Building and Environment</i> , 2018, 142, 502-512.	6.9	279
8	Model performance assessment and experimental analysis of a solar assisted cooling system. <i>Solar Energy</i> , 2017, 143, 43-62.	6.1	17
9	Dynamic simulation of an integrated solar-driven ejector based air conditioning system with PCM cold storage. <i>Applied Energy</i> , 2017, 190, 600-611.	10.1	91
10	A Trnsys simulation of a solar-driven ejector air conditioning system with an integrated PCM cold storage. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4
11	Assessment of the Inner Skin Composition Impact on the Double-skin Façade Energy Performance in the Mediterranean Climate. <i>Energy Procedia</i> , 2017, 111, 195-204.	1.8	11
12	Long-term optimisation model of the Tunisian power system. <i>Energy</i> , 2017, 141, 550-562.	8.8	38
13	Numerical Simulation, Design, and Construction of a Double Glazed Compound Parabolic Concentrators-Type Integrated Collector Storage Water Heater. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2016, 138, .	1.8	6
14	Validation of a CFD model for the simulation of heat transfer in a tubes-in-tank PCM storage unit. <i>Renewable Energy</i> , 2016, 89, 371-379.	8.9	46
15	Experimental determination of the heat transfer and cold storage characteristics of a microencapsulated phase change material in a horizontal tank. <i>Energy Conversion and Management</i> , 2015, 94, 275-285.	9.2	60
16	Pre-design of a Mini CSP Plant. <i>Energy Procedia</i> , 2015, 69, 1613-1622.	1.8	14
17	Coupling TRNSYS 17 and CONTAM: simulation of a naturally ventilated double-skin façade. <i>Advances in Building Energy Research</i> , 2015, 9, 293-304.	2.3	14
18	A CFD analysis of the flow structure inside a steam ejector to identify the suitable experimental operating conditions for a solar-driven refrigeration system. <i>International Journal of Refrigeration</i> , 2014, 39, 186-195.	3.4	57

#	ARTICLE	IF	CITATIONS
19	Three dimensional heat transfer analysis of combined conduction and radiation in honeycomb transparent insulation. <i>Solar Energy</i> , 2014, 105, 58-70.	6.1	16
20	Numerical and experimental study of an integrated solar collector with CPC reflectors. <i>Renewable Energy</i> , 2013, 57, 577-586.	8.9	59
21	A Solar-Driven Ejector Refrigeration System for Mediterranean Climate: Experience Improvement and New Results Performed. <i>Energy Procedia</i> , 2012, 18, 1115-1124.	1.8	18
22	Influence of glass curtain walls on the building thermal energy consumption under Tunisian climatic conditions: The case of administrative buildings. <i>Renewable Energy</i> , 2007, 32, 141-156.	8.9	34
23	An adaptive thermal comfort model for the Tunisian context: a field study results. <i>Energy and Buildings</i> , 2005, 37, 952-963.	6.7	114
24	Feasibility investigation of coupling a desalination prototype functioning by Aero-Evapo-Condensation with solar units. <i>International Journal of Nuclear Desalination</i> , 2003, 1, 116.	0.2	4
25	Overheating caused by passive solar elements in Tunis. Effectiveness of some ways to prevent it. <i>Renewable Energy</i> , 1993, 3, 801-811.	8.9	17
26	Heating performance of an experimental passive solar house in Tunisia. <i>Renewable Energy</i> , 1993, 3, 1-13.	8.9	4