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## PUBLICATIONS ( 29 )

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### RESEARCH METRICS

|                    |     |
|--------------------|-----|
| h-index (Scopus)   | 0   |
| h-index (GS)       | 8   |
| Citations (Scopus) | 0   |
| Citations (GS)     | 357 |
| Documents (Scopus) | 0   |
| Documents (GS)     | 29  |



- Numerical Comparative Thermal Analysis of a Parabolic Trough Solar Collector Using Circular, Semi-Oval, and Isosceles Triangular Absorber Tubes**  
*Anbar Journal of Engineering Sciences* 17 (1), 71-83, 2026 | 2026
- Enhancing the Efficiency of Parabolic Trough Solar Collector Using Mini-Channel Flat Aluminium Tubes**  
*Wasit Journal of Engineering Sciences* 14 (2), 1-15, 2026 | 2026
- Optimization of Heat Transfer in a Circular Cavity With and Without a Cold Cylindrical Insert**  
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- Experimental Assessment of a Modified PTC with Aluminum Tubes on the Reflector Surface**  
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- Improving Thermal Performance in Building Heating, Ventilation, and Air Conditioning Systems: A Study of Natural Convection and Entropy in Plus-Shaped Cavity**  
*Heat Transfer* 54 (3), 2235-2250, 2025 | 2025 | Cited: 26
- Flow boiling of R513a in a microchannel enhanced by rectangular cross section cavities**  
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- Effect of Split and Timing Injection Techniques on Diesel-Biodiesel Blends Fueled RCCI Engines**  
*Engineering Headway* 8, 167-178, 2024 | 2024
- Enhancing the fire-resistance performance of composite laminates via multi-scale hybridisation: A review**  
*Journal of Industrial Textiles* 54, 15280837241226988, 2024 | 2024 | Cited: 15
- Condensation of refrigerant R450A inside a mini-channel of rectangular cross section with an internal longitudinal groove**  
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- Experimental study of the split-type air conditioner with the variable-speed compressor, variable-speed supply fan, and electronic expansion valve**  
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- Film-wise Condensation of Refrigerants HFO1234yf & HFC134a outside standard finned tubes**  
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- Effects of evaporator and condenser temperatures on the performance of a chiller system with a variable speed compressor**  
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- A control method using adaptive setting of electronic expansion valve for water chiller systems equipped with variable speed compressors**  
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- Effects of compressor speed and electronic expansion valve opening on the performance of R410a water chiller system**  
*Wasit Journal of Engineering Sciences* 8 (1), 12-20, 2020 | 2020 | Cited: 4
- A Study on Thermal Effectiveness of Multi-Stages Evaporative Air Cooling**  
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- The influence of chilled water on the performance of direct evaporative cooling**  
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18. **The influence of fin structure and fin density on the condensation heat transfer of R134a on single finned tubes and in tube bundles**  
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24. **Performance of a Plate Fin and Tube Dehumidifying Coil Using Entropy Generation Method**  
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27. **Numerical Study of the Inlet Subcooling Effect on the Flow Boiling Characteristics Through a Microchannel**  
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28. **Study the Effect Change in Ds of A Dx-evaporator Air Conditioning System Using Manual Control**  
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29. **EXPERIMENTAL INVESTIGATION ON DIRECT EVAPORATIVE AIR COOLER PERFORMANCE WITH CELLULOSIC PADS**

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