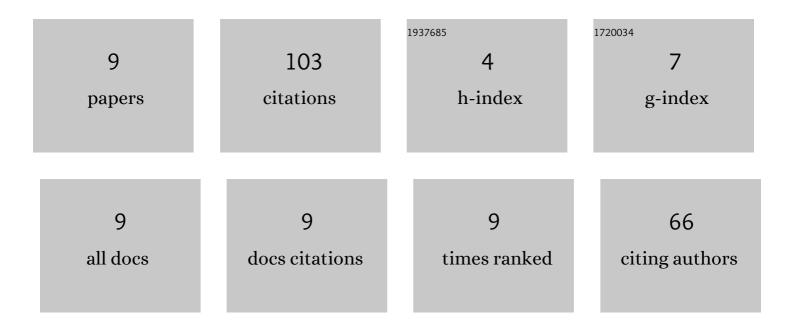
## **Basim Freegah**

List of Publications by Year in descending order

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| # | Article  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Study the influence of adding fins to the plate of the solar collector on thermal performance under natural phenomena. International Communications in Heat and Mass Transfer, 2022, 135, 106058.      | 5.6 | 13        |
| 2 | Numerical and experimental study of a thermosyphon closedâ€loop system for domestic applications.<br>Heat Transfer, 2021, 50, 292-312.   | 3.0 | 7         |
| 3 | An empirical model for predicting the length of a capillary tube. Heat Transfer, 2021, 50, 4830-4842.  | 3.0 | 0         |
| 4 | Numerical and experimental investigation of a thermosiphon solar water heater system thermal performance used in domestic applications. Heat Transfer, 2021, 50, 4575-4594.                            | 3.0 | 4         |
| 5 | CFD analysis of heat transfer enhancement in plate-fin heat sinks with fillet profile: Investigation of new designs. Thermal Science and Engineering Progress, 2020, 17, 100458.                       | 2.7 | 33        |
| 6 | Numerical and experimental analysis of effect of working fluid amount on the thermal performance of thermo-syphon system. IOP Conference Series: Materials Science and Engineering, 2020, 928, 022022. | 0.6 | 2         |
| 7 | CFD analysis of the thermal performance improvement in heat sinks with corrugated plate-fin. IOP<br>Conference Series: Materials Science and Engineering, 2020, 928, 022053.                           | 0.6 | 1         |
| 8 | Numerical investigation of heat transfer enhancement in plate-fin heat sinks: Effect of flow direction and fillet profile. Case Studies in Thermal Engineering, 2019, 13, 100388.                      | 5.7 | 42        |
| 9 | Enhancement of the Thermal Performance Characteristics of an Electrical Power Transformer.<br>Engineering Science & Technology, 0, , 94-112.   | 0.3 | 1         |