



Zaid Ali Hussein

زيد علي حسين

Lecturer

PROFILE

****Zaid Ali Hussein**** is an active and dedicated researcher committed to advancing knowledge within his academic discipline. With a growing portfolio of scholarly work, Hussein has authored 12 publications indexed on Google Scholar, reflecting his ongoing engagement with contemporary research questions and academic discourse.

His contributions to the literature have garnered 21 citations, demonstrating an emerging impact on his peers and the wider scientific community. Currently holding a Google Scholar h-index of 2, Hussein continues to establish his academic footprint through systematic investigation and scholarly inquiry. Known for his rigorous approach to research, he remains focused on addressing key challenges in his field and contributing valuable insights to the academic literature. As his research trajectory progresses, Hussein aims to expand his scholarly network and undertake further studies that foster innovation and development within his area of expertise.

ACADEMIC TITLES

2026-06-27	Assistant Professor
2023-02-20	Lecturer

PUBLICATIONS (1 6)

- Numerical investigation of the dynamic characteristics of adhesively bonded cantilever lap joints considering bond area variation and adhesive volume reduction**
Journal of Applied Engineering Science, 2026 | 2026
- Thermal improvement in double-pipe heat exchanger: Review of helical corrugated inner pipe case**
Journal of Thermal Analysis and Calorimetry, 1-18, 2026 | 2026 | Cited: 1
- Impact of Mach and cabin altitude on aircraft air-refrigeration system performance**
Pollack Periodica, 2026 | 2026
- Stress redistribution and relocation using auxiliary holes in perforated plates under tensile loading**
Diagnostyka, 1-17, 2026 | 2026
- Evaluation of Diesel Engine Performance and Exhaust Emission Characteristics Using Biodiesel under Variable Operating Conditions**
International Journal of Energy Production and Management | 2026
- Numerical Study of Heat Transfer Enhancement in Solar Channels Using Sinusoidal Velocity Modulation Compared to Geometric Wall Modification**
International Journal of Heat and Technology 43 (5), 1891-1900, 2025 | 2025 | Cited: 4
- Efficient techniques for the examination and reduction of vibration rates in the cooling pipelines of aircraft**
AIP Conference Proceedings 3292 (1), 030008, 2025 | 2025 | Cited: 5
- Influence of air distributors on heat transfer and hydrodynamic performance in fluidized bed heat exchangers**
Thermal Science | 2025 | Cited: 4
- Solar parabola mirror with power generation**
4TH INTERNATIONAL SCIENTIFIC CONFERENCE OF ENGINEERING SCIENCES AND ADVANCES ..., 2023 | 2023 | Cited: 3

CONTACT

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RESEARCH METRICS

h-index (Scopus)	3
h-index (GS)	4
Citations (Scopus)	25
Citations (GS)	36
Documents (Scopus)	12
Documents (GS)	15



10. **Enhancement of the Performance of Automobile Refrigeration System by using a Cellulose Pad**
International Journal of Engineering Trends and Technology 70 (2022), 272-277, 2022 | 2022 | Cited: 7
11. **Experimental analysis of vertical wind turbine in Baghdad**
Journal of Dijlah University College 4 (6), 17-24, 2021 | 2021
12. **Analytical Study of the Economic Feasibility of Waste Incinerator Investment to Generate Electricity for Dijlah University College in Baghdad**
Journal of Mechanical Engineering Research and Developments | 2020
13. **Aluminum pipe orientation and diameter change effect on overall heat transfer coefficient in heating system**
Journal of Mechanical Engineering Research and Developments | 2020
14. **Natural convection heat transfer from a single and multiple heated thin cylinders in water**
Heat and Mass Transfer 51 (11), 1579-1586, 2015 | 2015 | Cited: 12
15. **Thermodynamic Performance Assessment and Optimization of a Regenerative Steam Power Plant with Feedwater Heaters: A Simulation-Based Case Study of the South Baghdad Power plant**
Available at SSRN 7331489, 0 | 0
16. **Effect of Rotation on Forced Convection Heat Transfer in Porous Horizontal Annulus**
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