



Ayman Rafea Mohamed

ایمن رافع محمد

Assistant Lecturer

ACADEMIC TITLES

2023-02-03

Assistant Lecturer

COURSES

- Engineering statistics
- Fluid Mechanics
- Engineering Survey
- Cadastral Survey

ADMINISTRATIVE POSITIONS

2025-01-30 - Present

Head of the Planning Division in Projects and Construction Department

PUBLICATIONS (7)

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1. **Advances in mechanical metamaterials for vibration isolation: A review**
Advances in Mechanical Engineering | 2022
2. **Drop-Weight Impact Behavior of Three-Dimensional Printed Polymer Lattice Structures with Spatially Distributed Vertical Struts**
Journal of Dynamic Behavior of Materials | 2019
3. **Effect of Vertical Strut Arrangements on Compression Characteristics of 3D Printed Polymer Lattice Structures: Experimental and Computational Study**
Journal of Materials Engineering and Performance | 2019
4. **Compression behavior of three-dimensional printed polymer lattice structures**
Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications | 2019
5. **Low-Velocity Impact Behavior of Sandwich Structures with Additively Manufactured Polymer Lattice Cores**
Journal of Materials Engineering and Performance | 2018
6. **Compression Behavior of 3D Printed Polymer Lattice Structures**
2017

CONTACT

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EDUCATION

ماجستير (18-09-2013)

Hydrology

Mosul University

RESEARCH METRICS

h-index (Scopus)	7
h-index (GS)	0
Citations (Scopus)	415
Citations (GS)	0
Documents (Scopus)	7
Documents (GS)	1

RESEARCH INTERESTS

- Reservoir Operation Dams
- Impact of Climate Change in Iraq

