

# Tasnim Hassan

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

410  
citations

1307594

7  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Weld Sequence on the Low-Cycle Fatigue Failure of WUF-B Connections. Journal of Structural Engineering, 2022, 148, .	3.4	0
2	Optimized stereo digital image correlation setup for miniature round specimen: framework development and implementation. Optics and Lasers in Engineering, 2021, 144, 106555.	3.8	3
3	Non-contact temperature control and stereo digital image correlation for high-temperature testing of miniature tubular specimens. Review of Scientific Instruments, 2021, 92, 115104.	1.3	0
4	A novel gripper for multiaxial mechanical testing of microtubes at elevated temperatures. Review of Scientific Instruments, 2020, 91, 055007.	1.3	2
5	Fatigue–Creep Interaction of P92 Steel and Modified Constitutive Modelling for Simulation of the Responses. Metals, 2020, 10, 307.	2.3	3
6	Development of scanning electron microscope-compatible multiaxial miniature testing system. Measurement Science and Technology, 2019, 30, 105902.	2.6	6
7	Performance Evaluation of Surface-Activated Solid-State Welding for ASTM A992 Structural Steel. Journal of Materials in Civil Engineering, 2019, 31, 04019168.	2.9	1
8	Automated calibration of advanced cyclic plasticity model parameters with sensitivity analysis for aluminium alloy 2024-T351. Advances in Mechanical Engineering, 2019, 11, 168781401982998.	1.6	8
9	Pipe Elbows Subjected to Cyclic Deformation at Operation Temperature. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2019, 2019, 1010A1045.	0.0	0
10	Initial Residual Stresses in Hot-Rolled Wide-Flange Shapes: A Computational Technique and Influence on Structural Performances. Journal of Structural Engineering, 2017, 143, .	3.4	8
11	A Novel Hybrid Heating Method for Mechanical Testing of Miniature Specimens at Elevated Temperature. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	4
12	Seismic Enhancement of Welded Unreinforced Flange-Bolted Web Steel Moment Connections. Journal of Structural Engineering, 2016, 142, .	3.4	18
13	An innovative seismic performance enhancement technique for steel building moment resisting connections. Journal of Constructional Steel Research, 2015, 109, 34-46.	3.9	45
14	Biaxial Ratcheting of Ultra High Molecular Weight Polyethylene: Experiments and Constitutive Modeling. Journal of Testing and Evaluation, 2014, 42, 1486-1492.	0.7	5
15	Large Deformation In-Fiber Polymer Optical Fiber Sensor. IEEE Photonics Technology Letters, 2008, 20, 416-418.	2.5	37
16	Cyclic Response of Reinforced Concrete Members at Low Temperatures. Journal of Cold Regions Engineering - ASCE, 2008, 22, 79-102.	1.1	61
17	Single-Mode Polymer Optical Fiber Sensors for Large Strain Applications. Materials Research Society Symposia Proceedings, 2006, 969, 1.	0.1	2
18	Ratcheting of cyclically hardening and softening materials: I. Uniaxial behavior. International Journal of Plasticity, 1994, 10, 149-184.	8.8	207