

# Mohsen Azimi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1152159/mohsen-azimi-publications-by-year.pdf>

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

304  
citations

7  
h-index

11  
g-index

11  
ext. papers

460  
ext. citations

2.7  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
11	Data-Driven Structural Health Monitoring and Damage Detection through Deep Learning: State-of-the-Art Review. <i>Sensors</i> , <b>2020</b> , 20,	3.8	101
10	Swarm-based Parallel Control of Adjacent Irregular Buildings Considering Soil-Structure Interaction. <i>Journal of Sensor and Actuator Networks</i> , <b>2020</b> , 9, 18	3.8	4
9	Structural health monitoring using extremely compressed data through deep learning. <i>Computer-Aided Civil and Infrastructure Engineering</i> , <b>2020</b> , 35, 597-614	8.4	58
8	An open-source framework for the FE modeling and optimal design of fiber-steered variable-stiffness composite cylinders using water strider algorithm. <i>Mechanics Based Design of Structures and Machines</i> , <b>2020</b> , 1-21	1.7	5
7	Time-Frequency-Based Data-Driven Structural Diagnosis and Damage Detection for Cable-Stayed Bridges. <i>Journal of Bridge Engineering</i> , <b>2018</b> , 23, 04018033	2.7	61
6	Vibration-Based Support Vector Machine for Structural Health Monitoring. <i>Lecture Notes in Civil Engineering</i> , <b>2018</b> , 167-178	0.3	11
5	Optimal Design of Active Tuned Mass Dampers for Mitigating Translational-Torsional Motion of Irregular Buildings. <i>Lecture Notes in Civil Engineering</i> , <b>2018</b> , 586-596	0.3	3
4	Improved semi-active control algorithm for hydraulic damper-based braced buildings. <i>Structural Control and Health Monitoring</i> , <b>2017</b> , 24, e1991	4.5	14
3	Advanced Ultrasonic Testing Technologies with Applications to Evaluation of Steel Bridge Welding - An Overview. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 727-728, 785-789	0.3	9
2	Seismic optimal design of 3D steel frames using cuckoo search algorithm. <i>Structural Design of Tall and Special Buildings</i> , <b>2015</b> , 24, 210-227	1.8	32
1	A Revisit of Fatigue Performance Based Welding Quality Criteria in Bridge Welding Provisions and Guidelines	6	