Ekin Ozer

List of Publications by Year in Descending Order

18 papers	496 citations	11 h-index	20 g-index
20 ext. papers	655 ext. citations	3.6 avg, IF	4.34 L-index

#	Paper	IF	Citations
18	Vibration-Based and Near Real-Time Seismic Damage Assessment Adaptive to Building Knowledge Level. *Buildings*, **2022**, 12, 416	3.2	0
17	Synergistic bridge modal analysis using frequency domain decomposition, observer Kalman filter identification, stochastic subspace identification, system realization using information matrix, and autoregressive exogenous model. *Mechanical Systems and Signal Processing*, **2021**, 160, 107818	7.8	7
16	Structural health monitoring **2020**, 345-367		3
15	Multi-output modal identification of landmark suspension bridges with distributed smartphone data: Golden Gate Bridge. *Structural Control and Health Monitoring*, **2020**, 27, e2576	4.5	5
14	Automated and Model-Free Bridge Damage Indicators with Simultaneous Multiparameter Modal Anomaly Detection. *Sensors*, **2020**, 20,	3.8	5
13	Structural Reliability Estimation with Participatory Sensing and Mobile Cyber-Physical Structural Health Monitoring Systems. *Applied Sciences (Switzerland)*, **2019**, 9, 2840	2.6	16
12	Direction-sensitive smart monitoring of structures using heterogeneous smartphone sensor data and coordinate system transformation. *Smart Materials and Structures*, **2017**, 26, 045026	3.4	25
11	Biomechanically influenced mobile and participatory pedestrian data for bridge monitoring. *International Journal of Distributed Sensor Networks*, **2017**, 13, 155014771770524	1.7	15
10	Hybrid motion sensing and experimental modal analysis using collocated smartphone camera and accelerometers. *Measurement Science and Technology*, **2017**, 28, 105903	2	16
9	Synthesizing spatiotemporally sparse smartphone sensor data for bridge modal identification. *Smart Materials and Structures*, **2016**, 25, 085007	3.4	22
8	Vibration-Based Damage Detection and Seismic Performance Assessment of Bridges. *Earthquake Spectra*, **2015**, 31, 137-157	3.4	18
7	Citizen sensors for SHM: use of accelerometer data from smartphones. *Sensors*, **2015**, 15, 2980-98	3.8	72
6	Citizen Sensors for SHM: Towards a Crowdsourcing Platform. *Sensors*, **2015**, 15, 14591-614	3.8	54
5	A Vision-Based Sensor for Noncontact Structural Displacement Measurement. *Sensors*, **2015**, 15, 16557-75	3.8	197
4	SHM-integrated bridge reliability estimation using multivariate stochastic processes. *Earthquake Engineering and Structural Dynamics*, **2015**, 44, 601-618	4	11
3	Examining the contribution of near real-time data for rapid seismic loss assessment of structures. *Structural Health Monitoring*,147592172199621	4.4	6
2	Machine learning and structural health monitoring overview with emerging technology and high-dimensional data source highlights. *Structural Health Monitoring*,147592172110368	4.4	23

1	Rapid earthquake loss updating of spatially distributed systems via sampling-based bayesian inference. *Bulletin of Earthquake Engineering*,1	3.7	1