Hae Young Noh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6222970/publications.pdf

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28	679	759055 12	887953 17
papers	citations	h-index	g-index

28	28	28	565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FootprintID. , 2017, 1, 1-31.		113
2	Occupant localization using footstep-induced structural vibration. Mechanical Systems and Signal Processing, 2018, 112, 77-97.	4.4	91
3	PAS: Prediction-Based Actuation System for City-Scale Ridesharing Vehicular Mobile Crowdsensing. IEEE Internet of Things Journal, 2020, 7, 3719-3734.	5.5	56
4	Development of empirical and analytical fragility functions using kernel smoothing methods. Earthquake Engineering and Structural Dynamics, 2015, 44, 1163-1180.	2.5	55
5	Track-monitoring from the dynamic response of an operational train. Mechanical Systems and Signal Processing, 2017, 87, 1-16.	4.4	52
6	Conductive Thread-Based Textile Sensor for Continuous Perspiration Level Monitoring. Sensors, 2018, 18, 3775.	2.1	47
7	iLOCuS: Incentivizing Vehicle Mobility to Optimize Sensing Distribution in Crowd Sensing. IEEE Transactions on Mobile Computing, 2019, , 1-1.	3.9	45
8	Sparse representation of ultrasonic guided-waves for robust damage detection in pipelines under varying environmental and operational conditions. Structural Control and Health Monitoring, 2016, 23, 369-391.	1.9	30
9	Adaptive Hybrid Model-Enabled Sensing System (HMSS) for Mobile Fine-Grained Air Pollution Estimation. IEEE Transactions on Mobile Computing, 2022, 21, 1927-1944.	3.9	27
10	Robust Building Energy Load Forecasting Using Physically-Based Kernel Models. Energies, 2018, 11, 862.	1.6	21
11	Collaboratively Adaptive Vibration Sensing System for High-fidelity Monitoring of Structural Responses Induced by Pedestrians. Frontiers in Built Environment, 2017, 3, .	1.2	20
12	Characterizing human activity induced impulse and slip-pulse excitations through structural vibration. Journal of Sound and Vibration, 2018, 414, 61-80.	2.1	18
13	Oâ€MedAL: Online active deep learning for medical image analysis. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1353.	4.6	18
14	Characterizing left-right gait balance using footstep-induced structural vibrations. , 2017, , .		12
15	Exploring Sequential and Association Rule Mining for Pattern-based Energy Demand Characterization. , 2013, , .		10
16	An Information-Theoretic Approach for Indirect Train Traffic Monitoring Using Building Vibration. Frontiers in Built Environment, 2017, 3, .	1.2	9
17	A damage localization and quantification algorithm for indirect structural health monitoring of bridges using multi-task learning. AIP Conference Proceedings, 2019, , .	0.3	9
18	A Signal Quality Assessment Metrics for Vibration-based Human Sensing Data Acquisition. , 2019, , .		7

#	Article	IF	Citations
19	Generative Model Based Fine-Grained Air Pollution Inference for Mobile Sensing Systems. , 2018, , .		5
20	Dynamic responses, GPS positions and environmental conditions of two light rail vehicles in Pittsburgh. Scientific Data, 2019, 6, 146.	2.4	5
21	Non-intrusive Occupant Localization Using Floor Vibrations in Dispersive Structure. , 2016, , .		5
22	Fine-Grained Air Pollution Inference with Mobile Sensing Systems. , 2020, 4, 1-21.		5
23	Guiding the Data Learning Process with Physical Model in Air Pollution Inference. , 2018, , .		4
24	Structures as Sensors: Indirect Sensing for Inferring Users and Environments. Computer, 2019, 52, 84-88.	1.2	4
25	Empirical investigation of regression models for predicting system behavior in air handling units. Science and Technology for the Built Environment, 2019, 25, 247-260.	0.8	4
26	A generative simulation platform for multi-agent systems with incentives. , 2020, , .		4
27	Moisture Based Perspiration Level Estimation. , 2018, , .		3
28	Heart and sole - shoe-based heart monitoring. , 2017, , .		0