

Hae Young Noh

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

679
citations

759055

12
h-index

887953

17
g-index

28
all docs

28
docs citations

28
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Hybrid Model-Enabled Sensing System (HMSS) for Mobile Fine-Grained Air Pollution Estimation. <i>IEEE Transactions on Mobile Computing</i> , 2022, 21, 1927-1944.	3.9	27
2	PAS: Prediction-Based Actuation System for City-Scale Ridesharing Vehicular Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2020, 7, 3719-3734.	5.5	56
3	Oâ€MedAL: Online active deep learning for medical image analysis. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2020, 10, e1353.	4.6	18
4	Fine-Grained Air Pollution Inference with Mobile Sensing Systems. , 2020, 4, 1-21.		5
5	A generative simulation platform for multi-agent systems with incentives. , 2020, , .		4
6	A damage localization and quantification algorithm for indirect structural health monitoring of bridges using multi-task learning. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	9
7	Structures as Sensors: Indirect Sensing for Inferring Users and Environments. <i>Computer</i> , 2019, 52, 84-88.	1.2	4
8	Dynamic responses, GPS positions and environmental conditions of two light rail vehicles in Pittsburgh. <i>Scientific Data</i> , 2019, 6, 146.	2.4	5
9	iLOCuS: Incentivizing Vehicle Mobility to Optimize Sensing Distribution in Crowd Sensing. <i>IEEE Transactions on Mobile Computing</i> , 2019, , 1-1.	3.9	45
10	A Signal Quality Assessment Metrics for Vibration-based Human Sensing Data Acquisition. , 2019, , .		7
11	Empirical investigation of regression models for predicting system behavior in air handling units. <i>Science and Technology for the Built Environment</i> , 2019, 25, 247-260.	0.8	4
12	Occupant localization using footstep-induced structural vibration. <i>Mechanical Systems and Signal Processing</i> , 2018, 112, 77-97.	4.4	91
13	Characterizing human activity induced impulse and slip-pulse excitations through structural vibration. <i>Journal of Sound and Vibration</i> , 2018, 414, 61-80.	2.1	18
14	Generative Model Based Fine-Grained Air Pollution Inference for Mobile Sensing Systems. , 2018, , .		5
15	Guiding the Data Learning Process with Physical Model in Air Pollution Inference. , 2018, , .		4
16	Conductive Thread-Based Textile Sensor for Continuous Perspiration Level Monitoring. <i>Sensors</i> , 2018, 18, 3775.	2.1	47
17	Moisture Based Perspiration Level Estimation. , 2018, , .		3
18	Robust Building Energy Load Forecasting Using Physically-Based Kernel Models. <i>Energies</i> , 2018, 11, 862.	1.6	21

#	ARTICLE	IF	CITATIONS
19	FootprintID. , 2017, 1, 1-31.		113
20	Track-monitoring from the dynamic response of an operational train. Mechanical Systems and Signal Processing, 2017, 87, 1-16.	4.4	52
21	Heart and sole - shoe-based heart monitoring. , 2017, , .		0
22	An Information-Theoretic Approach for Indirect Train Traffic Monitoring Using Building Vibration. Frontiers in Built Environment, 2017, 3, .	1.2	9
23	Collaboratively Adaptive Vibration Sensing System for High-fidelity Monitoring of Structural Responses Induced by Pedestrians. Frontiers in Built Environment, 2017, 3, .	1.2	20
24	Characterizing left-right gait balance using footstep-induced structural vibrations. , 2017, , .		12
25	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
26	Non-intrusive Occupant Localization Using Floor Vibrations in Dispersive Structure. , 2016, , .		5
27	Development of empirical and analytical fragility functions using kernel smoothing methods. Earthquake Engineering and Structural Dynamics, 2015, 44, 1163-1180.	2.5	55
28	Exploring Sequential and Association Rule Mining for Pattern-based Energy Demand Characterization. , 2013, , .		10