Mostafa Mirshekari

List of Publications by Year
in descending order

21 papers	515 citations	1163117 8 h-index	1372567 10 g-index
22 all docs	22 docs citations	22 times ranked	239 citing authors

#	Article	IF	Citations
1	Recursive Sparse Representation for Identifying Multiple Concurrent Occupants Using Floor Vibration Sensing. , 2022, 6, 1-33.		4
2	Structure- and Sampling-Adaptive Gait Balance Symmetry Estimation Using Footstep-Induced Structural Floor Vibrations. Journal of Engineering Mechanics - ASCE, 2021, 147, .	2.9	19
3	Obstruction-invariant occupant localization using footstep-induced structural vibrations. Mechanical Systems and Signal Processing, 2021, 153, 107499.	8.0	12
4	Step-Level Occupant Detection across Different Structures through Footstep-Induced Floor Vibration Using Model Transfer. Journal of Engineering Mechanics - ASCE, 2020, 146, .	2.9	40
5	Oâ€MedAL: Online active deep learning for medical image analysis. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1353.	6.8	18
6	MD-Vibe. , 2020, , .		16
7	A window-based sequence-to-one approach with dynamic voting for nurse care activity recognition using acceleration-based wearable sensor. , 2020, , .		2
8	Structures as Sensors: Indirect Sensing for Inferring Users and Environments. Computer, 2019, 52, 84-88.	1.1	4
9	Occupant localization using footstep-induced structural vibration. Mechanical Systems and Signal Processing, 2018, 112, 77-97.	8.0	91
10	Characterizing human activity induced impulse and slip-pulse excitations through structural vibration. Journal of Sound and Vibration, 2018, 414, 61-80.	3.9	18
11	Human Gait Monitoring Using Footstep-Induced Floor Vibrations Across Different Structures. , 2018, , .		13
12	MedAL: Accurate and Robust Deep Active Learning for Medical Image Analysis. , 2018, , .		38
13	FootprintID. , 2017, 1, 1-31.		113
14	SurfaceVibe. , 2017, , .		31
15	Collaboratively Adaptive Vibration Sensing System for High-fidelity Monitoring of Structural Responses Induced by Pedestrians. Frontiers in Built Environment, 2017, 3, .	2.3	20
16	Calibration-Free Footstep Frequency Estimation Using Structural Vibration. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 287-289.	0.5	7
17	Characterizing left-right gait balance using footstep-induced structural vibrations. , 2017, , .		12
18	Characterizing wave propagation to improve indoor step-level person localization using floor vibration. , 2016, , .		16

#	Article	IF	Citations
19	Robust Occupant Detection Through Step-Induced Floor Vibration by Incorporating Structural Characteristics. Conference Proceedings of the Society for Experimental Mechanics, 2016, , 357-367.	0.5	22
20	Non-intrusive Occupant Localization Using Floor Vibrations in Dispersive Structure. , 2016, , .		5
21	Monitoring Hand-Washing Practices using Structural Vibrations. , 0, , .		14