

# Jeen-Shing Wang

## List of Publications by Year in descending order

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25  
papers

1,031  
citations

840776

11  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Shoulder Range of Motion Using a Wearable Inertial Sensor Network. IEEE Sensors Journal, 2021, 21, 15330-15341.	4.7	14
2	OrchidBase 4.0: a database for orchid genomics and molecular biology. BMC Plant Biology, 2021, 21, 371.	3.6	10
3	Automatic ECG-Based Emotion Recognition in Music Listening. IEEE Transactions on Affective Computing, 2020, 11, 85-99.	8.3	118
4	Random Drift Modeling and Compensation for MEMS-Based Gyroscopes and Its Application in Handwriting Trajectory Reconstruction. IEEE Access, 2019, 7, 17551-17560.	4.2	11
5	A Wearable Inertial Pedestrian Navigation System With Quaternion-Based Extended Kalman Filter for Pedestrian Localization. IEEE Sensors Journal, 2017, 17, 3193-3206.	4.7	67
6	The Effects of an Activity Promotion System on active living in overweight subjects with metabolic abnormalities. Obesity Research and Clinical Practice, 2017, 11, 718-727.	1.8	16
7	Sleep disturbances at the time of a new diagnosis: a comparative study of human immunodeficiency virus patients, cancer patients, and general population controls. Sleep Medicine, 2017, 36, 38-43.	1.6	12
8	An Inertial Pen With Dynamic Time Warping Recognizer for Handwriting and Gesture Recognition. IEEE Sensors Journal, 2015, 15, 154-163.	4.7	84
9	ECG arrhythmia classification using a probabilistic neural network with a feature reduction method. Neurocomputing, 2013, 116, 38-45.	5.9	153
10	Design and application of an information fusion control system. Transactions of the Institute of Measurement and Control, 2013, 35, 630-636.	1.7	2
11	Gait analysis for patients with Alzheimer'S disease using a triaxial accelerometer. , 2012, , .		24
12	An Accelerometer-Based Digital Pen With a Trajectory Recognition Algorithm for Handwritten Digit and Gesture Recognition. IEEE Transactions on Industrial Electronics, 2012, 59, 2998-3007.	7.9	128
13	Walking Pattern Classification and Walking Distance Estimation Algorithms Using Gait Phase Information. IEEE Transactions on Biomedical Engineering, 2012, 59, 2884-2892.	4.2	84
14	A wearable activity sensor system and its physical activity classification scheme. , 2012, , .		5
15	Emotional quality level recognition based on HRV. , 2010, , .		3
16	An Inertial-Measurement-Unit-Based Pen With a Trajectory Reconstruction Algorithm and Its Applications. IEEE Transactions on Industrial Electronics, 2010, 57, 3508-3521.	7.9	80
17	Development of a portable activity detector for daily activity recognition. , 2009, , .		47
18	A Cluster Validity Measure With Outlier Detection for Support Vector Clustering. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 78-89.	5.0	71

#	ARTICLE	IF	CITATIONS
19	A digital circuit design of hyperbolic tangent sigmoid function for neural networks. , 2008, , .		15
20	Single-channel speech enhancement: Using recurrent neuro-fuzzy voice activity detector and spectral subtraction algorithms. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
21	A digital circuit design of state-space recurrent neural networks. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
22	A fully automated recurrent neural network for unknown dynamic system identification and control. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 1363-1372.	0.1	81
23	A Novel Nonlinear Dynamical System Control Using Linear Controllers with Nonlinearity Eliminators. , 2006, , .		0
24	An efficient recurrent neuro-fuzzy system for identification and control of dynamic systems. , 0, , .		6
25	A Novel Nonlinear Dynamical System Control Using Linear Controllers with Nonlinearity Eliminators. , 0, , .		0