

# Jeen-Shing Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5632197/publications.pdf>

Version: 2024-02-01

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	EKG arrhythmia classification using a probabilistic neural network with a feature reduction method. <i>Neurocomputing</i> , 2013, 116, 38-45.	5.9	153
2	An Accelerometer-Based Digital Pen With a Trajectory Recognition Algorithm for Handwritten Digit and Gesture Recognition. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 2998-3007.	7.9	128
3	Automatic ECG-Based Emotion Recognition in Music Listening. <i>IEEE Transactions on Affective Computing</i> , 2020, 11, 85-99.	8.3	118
4	Walking Pattern Classification and Walking Distance Estimation Algorithms Using Gait Phase Information. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2884-2892.	4.2	84
5	An Inertial Pen With Dynamic Time Warping Recognizer for Handwriting and Gesture Recognition. <i>IEEE Sensors Journal</i> , 2015, 15, 154-163.	4.7	84
6	A fully automated recurrent neural network for unknown dynamic system identification and control. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006, 53, 1363-1372.	0.1	81
7	An Inertial-Measurement-Unit-Based Pen With a Trajectory Reconstruction Algorithm and Its Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2010, 57, 3508-3521.	7.9	80
8	A Cluster Validity Measure With Outlier Detection for Support Vector Clustering. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008, 38, 78-89.	5.0	71
9	A Wearable Inertial Pedestrian Navigation System With Quaternion-Based Extended Kalman Filter for Pedestrian Localization. <i>IEEE Sensors Journal</i> , 2017, 17, 3193-3206.	4.7	67
10	Development of a portable activity detector for daily activity recognition. , 2009, , .		47
11	Gait analysis for patients with Alzheimer'S disease using a triaxial accelerometer. , 2012, , .		24
12	The Effects of an Activity Promotion System on active living in overweight subjects with metabolic abnormalities. <i>Obesity Research and Clinical Practice</i> , 2017, 11, 718-727.	1.8	16
13	A digital circuit design of hyperbolic tangent sigmoid function for neural networks. , 2008, , .		15
14	Assessment of Shoulder Range of Motion Using a Wearable Inertial Sensor Network. <i>IEEE Sensors Journal</i> , 2021, 21, 15330-15341.	4.7	14
15	Sleep disturbances at the time of a new diagnosis: a comparative study of human immunodeficiency virus patients, cancer patients, and general population controls. <i>Sleep Medicine</i> , 2017, 36, 38-43.	1.6	12
16	Random Drift Modeling and Compensation for MEMS-Based Gyroscopes and Its Application in Handwriting Trajectory Reconstruction. <i>IEEE Access</i> , 2019, 7, 17551-17560.	4.2	11
17	OrchidBase 4.0: a database for orchid genomics and molecular biology. <i>BMC Plant Biology</i> , 2021, 21, 371.	3.6	10
18	An efficient recurrent neuro-fuzzy system for identification and control of dynamic systems. , 0, , .		6

#	ARTICLE	IF	CITATIONS
19	A wearable activity sensor system and its physical activity classification scheme. , 2012, , .		5
20	Emotional quality level recognition based on HRV. , 2010, , .		3
21	Design and application of an information fusion control system. Transactions of the Institute of Measurement and Control, 2013, 35, 630-636.	1.7	2
22	A Novel Nonlinear Dynamical System Control Using Linear Controllers with Nonlinearity Eliminators. , 0, , .		0
23	A Novel Nonlinear Dynamical System Control Using Linear Controllers with Nonlinearity Eliminators. , 2006, , .		0
24	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
25	A digital circuit design of state-space recurrent neural networks. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0