

# Xiang-Wei Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9514318/publications.pdf>

Version: 2024-02-01

61  
papers

730  
citations

567144

15  
h-index

580701

25  
g-index

62  
all docs

62  
docs citations

62  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic and resource sharing virtual network mapping algorithm. Digital Communications and Networks, 2023, 9, 1101-1112.	2.7	2
2	An improved fast shapelet selection algorithm and its application to pervasive EEG. Personal and Ubiquitous Computing, 2022, 26, 941-953.	1.9	3
3	A Study of Subliminal Emotion Classification Based on Entropy Features. Frontiers in Psychology, 2022, 13, 781448.	1.1	3
4	PF&#x2013;ITS: Intelligent traffic service recommendation based on DeepAFM model. International Journal of Intelligent Systems, 2022, 37, 7638-7664.	3.3	3
5	Early diagnosis model of Alzheimer&#x2013;s Disease based on sparse logistic regression. Multimedia Tools and Applications, 2021, 80, 3969-3980.	2.6	20
6	A portable HCI system&#x2013;oriented EEG feature extraction and channel selection for emotion recognition. International Journal of Intelligent Systems, 2021, 36, 152-176.	3.3	39
7	EEG emotion recognition using fusion model of graph convolutional neural networks and LSTM. Applied Soft Computing Journal, 2021, 100, 106954.	4.1	221
8	Deep feature extraction via adaptive collaborative learning for drusen segmentation from fundus images. Signal, Image and Video Processing, 2021, 15, 895-902.	1.7	3
9	Dynamic resource allocation algorithm of virtual networks in edge computing networks. Personal and Ubiquitous Computing, 2021, 25, 571-586.	1.9	4
10	Multi-layer Representation Learning and Its Application to Electronic Health Records. Neural Processing Letters, 2021, 53, 1417-1433.	2.0	9
11	A novel consciousness emotion recognition method using ERP components and MMSE. Journal of Neural Engineering, 2021, 18, 046001.	1.8	12
12	Early diagnosis model of Alzheimer&#x2013;s disease based on sparse logistic regression with the generalized elastic net. Biomedical Signal Processing and Control, 2021, 66, 102362.	3.5	25
13	Three&#x2013;dimensional feature maps and convolutional neural network&#x2013;based&#x2013;emotion recognition. International Journal of Intelligent Systems, 2021, 36, 6312-6336.	3.3	30
14	Identifiable Temporal Feature Selection via Horizontal Visibility Graph Towards Smart Medical Applications. Interdisciplinary Sciences, Computational Life Sciences, 2021, 13, 717-730.	2.2	3
15	3D Non-Stationary Wideband UAV-to-Ground MIMO Channel Models Based on Aeronautic Random Mobility Model. IEEE Transactions on Vehicular Technology, 2021, 70, 11154-11168.	3.9	29
16	ECG Prediction based on Bidirectional Time Series Chain Discovery Algorithm. , 2021, , .		0
17	A Novel Emotion Recognition Method Incorporating MST-based Brain Network and FVMD-GAMPE. , 2021, , .		1
18	A Mild Depression Recognition with Classifier Combination Method Based on Differential Evolution. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	EEG Emotion Recognition based on Hierarchy Graph Convolution Network. , 2021, , .		4
20	Collaborative Sleep Electroencephalogram Data Analysis Based on Improved Empirical Mode Decomposition and Clustering Algorithm. Complexity, 2020, 2020, 1-14.	0.9	3
21	A Virtual Network Resource Allocation Model Based on Dynamic Resource Pricing. IEEE Access, 2020, 8, 160414-160426.	2.6	4
22	Analysis of electronic health records based on long short-term memory. Concurrency Computation Practice and Experience, 2020, 32, e5684.	1.4	3
23	A Novel Multidimensional Feature Extraction Method Based on VMD and WPD for Emotion Recognition. , 2020, , .		7
24	Design and Application of Virtual Training System for Computer Hardware Assembly. , 2020, , .		2
25	Multi-task deep representation learning method for electronic health records. , 2020, , .		0
26	Emotion Classification Based on Brain Functional Connectivity Network. , 2020, , .		4
27	A Secure Incentive Mechanism for Competitive Organization Data Sharing: A Contract Theoretic Approach. IEEE Access, 2019, 7, 60067-60078.	2.6	5
28	EEG-Based Mild Depressive Detection Using Differential Evolution. IEEE Access, 2019, 7, 7814-7822.	2.6	19
29	A Sensor Data Processing and Storage Method for Wireless Body Area Networks. , 2019, , .		0
30	Disease Prediction Model Based on BiLSTM and Attention Mechanism. , 2019, , .		7
31	A Novel Color Image Watermarking Algorithm Based on Digital Signature. , 2019, , .		1
32	A heuristic survivable virtual network mapping algorithm. Soft Computing, 2019, 23, 1453-1463.	2.1	36
33	An RBF neural network-based dynamic virtual network embedding algorithm. Concurrency Computation Practice and Experience, 2019, 31, e4516.	1.4	6
34	An Incentive Mechanism for Cross-Organization Data Sharing Based on Data Competitiveness. IEEE Access, 2018, 6, 72836-72844.	2.6	3
35	Automatic Sleep Stage Classification Based on Convolutional Neural Network and Fine-Grained Segments. Complexity, 2018, 2018, 1-13.	0.9	41
36	An optimized digital watermarking algorithm in wavelet domain based on differential evolution for color image. PLoS ONE, 2018, 13, e0196306.	1.1	22

#	ARTICLE	IF	CITATIONS
37	Multi-Objective Virtual Network Embedding Algorithm Based on Global Resource Capacity. , 2017, , .		1
38	A Study on Automatic Sleep Staging Algorithm Based on Improved SVM. , 2017, , .		0
39	A Virtual Network Embedding Algorithm Based on RBF Neural Network. , 2017, , .		3
40	A Multidomain Survivable Virtual Network Mapping Algorithm. Security and Communication Networks, 2017, 2017, 1-12.	1.0	25
41	A proposal of survivable virtual network embedding algorithm. Journal of High Speed Networks, 2016, 22, 241-251.	0.6	5
42	Effective algorithms for vertical mining probabilistic frequent patterns in uncertain mobile environments. International Journal of Ad Hoc and Ubiquitous Computing, 2016, 23, 137.	0.3	25
43	Priority-Oriented Cloud Video Delivery Networks. , 2016, , .		1
44	Virtual Network Mapping Based on the Prediction of Support Vector Machine. , 2016, , .		0
45	A study on a cooperative character modeling based on an improved NSGA II. Multimedia Tools and Applications, 2016, 75, 4305-4320.	2.6	15
46	A study on cooperative multi-objective group search optimizer. , 2015, , .		3
47	A cooperative coevolutionary biogeography-based optimizer. Applied Intelligence, 2015, 43, 95-111.	3.3	29
48	New adaptations of classic algorithm for mining frequent itemsets from uncertain data. , 2014, , .		0
49	A Bidirectional Process Algorithm for Mining Probabilistic Frequent Itemsets. , 2014, , .		1
50	A teaching quality evaluation system based on PSK-means clustering. , 2012, , .		1
51	A Multi-Objective evaluation based Cooperative Character Modeling System. , 2011, , .		1
52	A Cooperative Dual-swarm PSO for dynamic optimization problems. , 2011, , .		6
53	A study on educational data clustering approach based on improved particle swarm optimizer. , 2011, , .		4
54	A study on path planning of crowd animation based on PSO. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
55	A scalable coevolutionary multi-objective particle swarm optimizer. International Journal of Computational Intelligence Systems, 2010, 3, 590-600.	1.6	17
56	A different topology multi-swarm PSO in dynamic environment. , 2009, , .		10
57	Study on the Formation and Evolvement Mechanism in the City System. , 2008, , .		0
58	A Scalable Coevolutionary Particle Swarm Optimizer. , 2008, , .		0
59	A Proposal for a Cooperative Coevolutionary PSO. , 2007, , .		3
60	A Hybrid Multi-objective Evolutionary Algorithm and Its Application in Component-based Product Design. , 2007, , .		2
61	A Study of Web-based Multi-objective Collaborative Design Synthesis and Its Evaluation. , 2007, , .		1