

# Z Jane Wang

## List of Publications by Year in descending order

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192  
papers

6,326  
citations

101384

36  
h-index

82410

72  
g-index

192  
all docs

192  
docs citations

192  
times ranked

6512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast Cancer Detection Using Multimodal Time Series Features From Ultrasound Shear Wave Absolute Vibro-Elastography. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 704-714.	3.9	12
2	A Better Than Alamouti OSTBC for MIMO Backscatter Communications. IEEE Transactions on Wireless Communications, 2022, 21, 1117-1131.	6.1	7
3	Multilabel Aerial Image Classification With a Concept Attention Graph Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	11
4	Multilabel Aerial Image Classification With Unsupervised Domain Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	6
5	Distributed Knowledge Inference Framework for Intelligent Fault Diagnosis in IIoT Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 3152-3165.	4.1	3
6	A Low-Complexity Quantum Principal Component Analysis Algorithm. IEEE Transactions on Quantum Engineering, 2022, 3, 1-13.	2.9	4
7	A Joint Optimization Framework for IRS-Assisted Energy Self-Sustainable IoT Networks. IEEE Internet of Things Journal, 2022, 9, 13767-13779.	5.5	10
8	DA-IMRN: Dual-Attention-Guided Interactive Multi-Scale Residual Network for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 530.	1.8	5
9	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 12886-12900.	5.5	43
10	Toward Open-World Electroencephalogram Decoding Via Deep Learning: A comprehensive survey. IEEE Signal Processing Magazine, 2022, 39, 117-134.	4.6	37
11	LiCaS3: A Simple LiDAR Camera Self-Supervised Synchronization Method. IEEE Transactions on Robotics, 2022, 38, 3203-3218.	7.3	1
12	SCIDA: Self-Correction Integrated Domain Adaptation From Single- to Multi-Label Aerial Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	2
13	Rethinking Crowdsourcing Annotation: Partial Annotation With Salient Labels for Multilabel Aerial Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	2
14	Reaching a Better Trade-Off Between Image Quality and Attack Success Rates in Transfer-Based Adversarial Attacks. , 2022, , .		0
15	Co-Learning Non-Negative Correlated and Uncorrelated Features for Multi-View Data. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1486-1496.	7.2	26
16	OCSID: Orthogonal Accessing Control Without Spectrum Spreading for Massive RFID Network. IEEE Internet of Things Journal, 2021, 8, 4329-4338.	5.5	1
17	Unifying Top-Down Views by Task-Specific Domain Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4689-4702.	2.7	9
18	Performance Bound of the Start of Frame Delimiters. IEEE Wireless Communications Letters, 2021, 10, 107-110.	3.2	0

#	ARTICLE	IF	CITATIONS
19	MPSK Orthogonal Coset Identification for Massive RFID Network. IEEE Communications Letters, 2021, 25, 3714-3718.	2.5	0
20	Galvanic Vestibular Stimulation Improves Subnetwork Interactions in Parkinson's Disease. Journal of Healthcare Engineering, 2021, 2021, 1-11.	1.1	5
21	Perception matters: Exploring imperceptible and transferable anti-forensics for GAN-generated fake face imagery detection. Pattern Recognition Letters, 2021, 146, 15-22.	2.6	13
22	Galvanic Vestibular Stimulation: Data Analysis and Applications in Neurorehabilitation. IEEE Signal Processing Magazine, 2021, 38, 54-64.	4.6	3
23	Bridging the Gap Between 2D and 3D Contexts in CT Volume for Liver and Tumor Segmentation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3450-3459.	3.9	18
24	Attention-Aware Pseudo-3-D Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7790-7802.	2.7	20
25	A convolutional-recurrent neural network approach to resting-state EEG classification in Parkinson's disease. Journal of Neuroscience Methods, 2021, 361, 109282.	1.3	42
26	Incorporating clinical knowledge with constrained classifier chain into a multimodal deep network for melanoma detection. Computers in Biology and Medicine, 2021, 137, 104812.	3.9	22
27	Interpreting Bottom-Up Decision-Making of CNNs via Hierarchical Inference. IEEE Transactions on Image Processing, 2021, 30, 6701-6714.	6.0	1
28	Zero-Shot Classification Based on Multitask Mixed Attribute Relations and Attribute-Specific Features. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 73-83.	2.6	12
29	Removing Muscle Artifacts From EEG Data via Underdetermined Joint Blind Source Separation: A Simulation Study. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 187-191.	2.2	22
30	CHIP: Channel-Wise Disentangled Interpretation of Deep Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4143-4156.	7.2	17
31	Improving prostate cancer classification in H&E tissue micro arrays using Ki67 and P63 histopathology. Computers in Biology and Medicine, 2020, 127, 104053.	3.9	2
32	Feature-Flow Interpretation of Deep Convolutional Neural Networks. IEEE Transactions on Multimedia, 2020, 22, 1847-1861.	5.2	6
33	RGGNet: Tolerance Aware LiDAR-Camera Online Calibration With Geometric Deep Learning and Generative Model. IEEE Robotics and Automation Letters, 2020, 5, 6956-6963.	3.3	39
34	High-Density Surface EMG Denoising Using Independent Vector Analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1271-1281.	2.7	15
35	Improving Prostate Cancer (PCa) Classification Performance by Using Three-Player Minimax Game to Reduce Data Source Heterogeneity. IEEE Transactions on Medical Imaging, 2020, 39, 3148-3158.	5.4	16
36	Automated Design of Neural Network Architectures With Reinforcement Learning for Detection of Global Manipulations. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 997-1011.	7.3	16

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37	Both Stationary and Dynamic Functional Interhemispheric Connectivity Are Strongly Associated With Performance on Cognitive Tests in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 407.	1.1	9
38	A Simple, High-Performance Space-Time Code for MIMO Backscatter Communications. <i>IEEE Internet of Things Journal</i> , 2020, 7, 3586-3591.	5.5	13
39	Monostatic MIMO Backscatter Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2020, 38, 1896-1909.	9.7	24
40	An End-to-End Multi-Task Deep Learning Framework for Skin Lesion Analysis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2912-2921.	3.9	80
41	Novel Regional Activity Representation With Constrained Canonical Correlation Analysis for Brain Connectivity Network Estimation. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2363-2373.	5.4	6
42	Subsampling Generative Adversarial Networks: Density Ratio Estimation in Feature Space With Softplus Loss. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 1910-1922.	3.2	6
43	Parkinson's Disease Detection from fMRI-Derived Brainstem Regional Functional Connectivity Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 33-43.	1.0	2
44	ICFS Clustering With Multiple Representatives for Large Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 728-738.	7.2	30
45	Removal of High-Voltage Brain Stimulation Artifacts From Simultaneous EEG Recordings. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 50-60.	2.5	26
46	Coarse-to-Fine Image DeHashing Using Deep Pyramidal Residual Learning. <i>IEEE Signal Processing Letters</i> , 2019, 26, 1295-1299.	2.1	5
47	Medical Image Fusion via Convolutional Sparsity Based Morphological Component Analysis. <i>IEEE Signal Processing Letters</i> , 2019, 26, 485-489.	2.1	192
48	A Survey on Measuring Anonymity in Anonymous Communication Systems. <i>IEEE Access</i> , 2019, 7, 70584-70609.	2.6	7
49	Abnormal Phase Coupling in Parkinson's Disease and Normalization Effects of Subthreshold Vestibular Stimulation. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 118.	1.0	18
50	Removal of Muscle Artifacts From the EEG: A Review and Recommendations. <i>IEEE Sensors Journal</i> , 2019, 19, 5353-5368.	2.4	66
51	A multi-purpose image forensic method using densely connected convolutional neural networks. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 725-740.	2.2	34
52	Multi-Scale Interpretation Model for Convolutional Neural Networks: Building Trust Based on Hierarchical Interpretation. <i>IEEE Transactions on Multimedia</i> , 2019, 21, 2263-2276.	5.2	6
53	A multi-scale data fusion framework for bone age assessment with convolutional neural networks. <i>Computers in Biology and Medicine</i> , 2019, 108, 161-173.	3.9	30
54	Deep Semantic Mapping for Heterogeneous Multimedia Transfer Learning Using Co-Occurrence Data. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019, 15, 1-21.	3.0	16

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55	A Multivariate Approach for Denoising of T2 Relaxation Decay Curves in Myelin Water Fraction Imaging. , 2019, , .		0
56	Classifying Melanoma and Seborrheic Keratosis Automatically with Polarization Speckle Imaging. , 2019, , .		2
57	Optimized deep neural network architecture for robust detection of epileptic seizures using EEG signals. Clinical Neurophysiology, 2019, 130, 25-37.	0.7	150
58	Dynamic Graph Theoretical Analysis of Functional Connectivity in Parkinson's Disease: The Importance of Fiedler Value. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1720-1729.	3.9	34
59	Video-Based Heart Rate Measurement: Recent Advances and Future Prospects. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3600-3615.	2.4	132
60	A Novel EEMD-CCA Approach to Removing Muscle Artifacts for Pervasive EEG. IEEE Sensors Journal, 2019, 19, 8420-8431.	2.4	54
61	The Use of Multivariate EMD and CCA for Denoising Muscle Artifacts From Few-Channel EEG Recordings. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 359-370.	2.4	130
62	Unsupervised Multiview Nonnegative Correlated Feature Learning for Data Clustering. IEEE Signal Processing Letters, 2018, 25, 60-64.	2.1	25
63	A Computer-Aided Decision Support System for Detection and Localization of Cutaneous Vasculature in Dermoscopy Images Via Deep Feature Learning. Journal of Medical Systems, 2018, 42, 33.	2.2	30
64	Mid-level deep Food Part mining for food image recognition. IET Computer Vision, 2018, 12, 298-304.	1.3	17
65	Zero-Shot Image Classification Based on Deep Feature Extraction. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 432-444.	2.6	21
66	Incomplete multi-view clustering via deep semantic mapping. Neurocomputing, 2018, 275, 1053-1062.	3.5	73
67	Active-Learning-Incorporated Deep Transfer Learning for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4048-4062.	2.3	44
68	Deep Transfer Learning for Hyperspectral Image Classification. , 2018, , .		15
69	Feasibility-Aware Partial Interference Alignment for Hybrid D2D and Cellular Communication Networks. IEEE Access, 2018, 6, 71069-71083.	2.6	7
70	Sparsity-Based Image Inpainting Detection via Canonical Correlation Analysis With Low-Rank Constraints. IEEE Access, 2018, 6, 49967-49978.	2.6	26
71	Decreased subregional specificity of the putamen in Parkinson's Disease revealed by dynamic connectivity-derived parcellation. NeuroImage: Clinical, 2018, 20, 1163-1175.	1.4	20
72	Robust Detection of Epileptic Seizures Using Deep Neural Networks. , 2018, , .		14

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73	RevHashNet: Perceptually de-hashing real-valued image hashes for similarity retrieval. Signal Processing: Image Communication, 2018, 68, 68-75.	1.8	9
74	A Survey of Secure Routing Protocols in Multi-Hop Cellular Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 3510-3541.	24.8	12
75	Galvanic Vestibular Stimulation (GVS) Augments Deficient Pedunculo-pontine Nucleus (PPN) Connectivity in Mild Parkinson's Disease: fMRI Effects of Different Stimuli. Frontiers in Neuroscience, 2018, 12, 101.	1.4	29
76	RAE: The Rainforest Automation Energy Dataset for Smart Grid Meter Data Analysis. Data, 2018, 3, 8.	1.2	52
77	Cancer Characteristic Gene Selection via Sample Learning Based on Deep Sparse Filtering. Scientific Reports, 2018, 8, 8270.	1.6	9
78	Pairwise domain adaptation module for CNN-based 2-D/3-D registration. Journal of Medical Imaging, 2018, 5, 1.	0.8	35
79	Computer-aided detection of basal cell carcinoma through blood content analysis in dermoscopy images. , 2018, , .		3
80	Query Diversity Schemes for Backscatter RFID Communications With Single-Antenna Tags. IEEE Transactions on Vehicular Technology, 2017, 66, 6932-6941.	3.9	14
81	Multimodal Deep Learning Approach for Joint EEG-EMG Data Compression and Classification. , 2017, , .		27
82	Underdetermined Joint Blind Source Separation of Multiple Datasets. IEEE Access, 2017, 5, 7474-7487.	2.6	20
83	Automated Detection and Segmentation of Vascular Structures of Skin Lesions Seen in Dermoscopy, With an Application to Basal Cell Carcinoma Classification. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1675-1684.	3.9	59
84	Structure Preserving Transfer Learning for Unsupervised Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1656-1660.	1.4	31
85	Illumination Variation-Resistant Video-Based Heart Rate Measurement Using Joint Blind Source Separation and Ensemble Empirical Mode Decomposition. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1422-1433.	3.9	73
86	A delayed functional observer/predictor with bounded-error for depth of hypnosis monitoring. Journal of Clinical Monitoring and Computing, 2017, 31, 1043-1052.	0.7	4
87	Video-based human heart rate measurement using joint blind source separation. Biomedical Signal Processing and Control, 2017, 31, 309-320.	3.5	58
88	3D CNN Based Automatic Diagnosis of Attention Deficit Hyperactivity Disorder Using Functional and Structural MRI. IEEE Access, 2017, 5, 23626-23636.	2.6	227
89	Novel Flexible Wearable Sensor Materials and Signal Processing for Vital Sign and Human Activity Monitoring. Sensors, 2017, 17, 1622.	2.1	81
90	Novel Tactile Sensor Technology and Smart Tactile Sensing Systems: A Review. Sensors, 2017, 17, 2653.	2.1	194

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91	Food Image Recognition via Superpixel Based Low-Level and Mid-Level Distance Coding for Smart Home Applications. Sustainability, 2017, 9, 856.	1.6	11
92	Assessing functional connectivity of brainstem nuclei in fMRI data. , 2017, , .		0
93	Underdetermined Joint Blind Source Separation for Two Datasets Based on Tensor Decomposition. IEEE Signal Processing Letters, 2016, 23, 673-677.	2.1	18
94	Forensics and counter anti-forensics of video inter-frame forgery. Multimedia Tools and Applications, 2016, 75, 13833-13853.	2.6	22
95	Joint Blind Source Separation for Neurophysiological Data Analysis: Multiset and multimodal methods. IEEE Signal Processing Magazine, 2016, 33, 86-107.	4.6	81
96	A Combined Static and Dynamic Model for Resting-State Brain Connectivity Networks. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1172-1181.	7.3	6
97	A Multimodal data fusion approach efficiently predicts disease duration in multiple sclerosis. , 2016, , .		0
98	Real-time 2D/3D registration via CNN regression. , 2016, , .		52
99	Machine learning for quality prediction in abrasion-resistant material manufacturing process. , 2016, , .		18
100	False discovery rate controller for functional brain parcellation. , 2016, , .		0
101	Joint time invariant and time dependent brain connectivity network estimation. , 2016, , .		0
102	Image Fusion With Convolutional Sparse Representation. IEEE Signal Processing Letters, 2016, 23, 1882-1886.	2.1	634
103	A Feature Article Cluster on Brain Signal Analytics: Analytical Approaches to Enhanced Understanding of Brain Function From the Editors. IEEE Signal Processing Magazine, 2016, 33, 12-13.	4.6	0
104	An Observer/Predictor-Based Model of the User for Attaining Situation Awareness. IEEE Transactions on Human-Machine Systems, 2016, 46, 279-290.	2.5	9
105	A Blind Source Separation Framework for Monitoring Heart Beat Rate Using Nanofiber-Based Strain Sensors. IEEE Sensors Journal, 2016, 16, 762-772.	2.4	18
106	Removing Muscle Artifacts From EEG Data: Multichannel or Single-Channel Techniques?. IEEE Sensors Journal, 2016, 16, 1986-1997.	2.4	97
107	Block-Level Unitary Query: Enabling Orthogonal-Like Space-Time Code With Query Diversity for MIMO Backscatter RFID. IEEE Transactions on Wireless Communications, 2016, 15, 1937-1949.	6.1	29
108	A CNN Regression Approach for Real-Time 2D/3D Registration. IEEE Transactions on Medical Imaging, 2016, 35, 1352-1363.	5.4	359

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109	Non-contact driver cardiac physiological monitoring using video data. , 2015, , .		17
110	A Sticky Weighted Regression Model for Time-Varying Resting-State Brain Connectivity Estimation. IEEE Transactions on Biomedical Engineering, 2015, 62, 501-510.	2.5	21
111	Median Filtering Forensics Based on Convolutional Neural Networks. IEEE Signal Processing Letters, 2015, 22, 1849-1853.	2.1	345
112	Unitary Query for the $\gamma$ MIMO Backscatter RFID Channel. IEEE Transactions on Wireless Communications, 2015, 14, 2613-2625.	6.1	36
113	Delay-incorporating observability and predictability analysis of safety-critical continuous-time systems. IET Control Theory and Applications, 2015, 9, 1692-1699.	1.2	5
114	Home Appliance Load Modeling From Aggregated Smart Meter Data. IEEE Transactions on Power Systems, 2015, 30, 254-262.	4.6	124
115	Physiological parameter monitoring of drivers based on video data and independent vector analysis. , 2014, , .		23
116	Classification of EEG Signals Using a Multiple Kernel Learning Support Vector Machine. Sensors, 2014, 14, 12784-12802.	2.1	104
117	Dynamic MR-based respiratory motion compensation for hybrid PET/MR system. , 2014, , .		4
118	Time varying brain connectivity modeling using FMRI signals. , 2014, , .		0
119	Non-parametric orthogonal slice to volume deformable registration: Application to PET/MR respiratory motion compensation. , 2014, , .		0
120	SER of Orthogonal Space-Time Block Codes Over Rician and Nakagami- $m$ RF Backscattering Channels. IEEE Transactions on Vehicular Technology, 2014, 63, 654-663.	3.9	16
121	An EEMD-IVA Framework for Concurrent Multidimensional EEG and Unidimensional Kinematic Data Analysis. IEEE Transactions on Biomedical Engineering, 2014, 61, 2187-2198.	2.5	22
122	Automatic region of interest extraction in food baking images. , 2014, , .		0
123	A Sparse Representation based Wavelet Domain Speech Steganography Method. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, , 1-1.	4.0	20
124	A Three-Step Multimodal Analysis Framework for Modeling Corticomuscular Activity With Application to Parkinson's Disease. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1232-1241.	3.9	18
125	Pattern recognition of number gestures based on a wireless surface EMG system. Biomedical Signal Processing and Control, 2013, 8, 184-192.	3.5	124
126	Modeling the User as an Observer to Determine Display Information Requirements. , 2013, , .		5



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127	An IC-PLS Framework for Group Corticomuscular Coupling Analysis. IEEE Transactions on Biomedical Engineering, 2013, 60, 2022-2033.	2.5	19
128	A Joint Multimodal Group Analysis Framework for Modeling Corticomuscular Activity. IEEE Transactions on Multimedia, 2013, 15, 1049-1059.	5.2	14
129	Compressed Binary Image Hashes Based on Semisupervised Spectral Embedding. IEEE Transactions on Information Forensics and Security, 2013, 8, 1838-1849.	4.5	18
130	Corticomuscular Activity Modeling by Combining Partial Least Squares and Canonical Correlation Analysis. Journal of Applied Mathematics, 2013, 2013, 1-11.	0.4	7
131	Correlation-and-bit-aware multiplicative spread spectrum embedding for data hiding. , 2013, , .		14
132	Metric based Gaussian kernel learning for classification. , 2013, , .		0
133	A novel quantization-based watermarking approach invariant to gain attack. , 2013, , .		7
134	Parkinson's Disease Rigidity: Relation to Brain Connectivity and Motor Performance. Frontiers in Neurology, 2013, 4, 67.	1.1	52
135	Noisy Galvanic Vestibular Stimulation Modulates the Amplitude of EEG Synchrony Patterns. PLoS ONE, 2013, 8, e69055.	1.1	44
136	Wavelet-based gradient transform and its applications. , 2012, , .		1
137	Shrinkage-to-Tapering Estimation of Large Covariance Matrices. IEEE Transactions on Signal Processing, 2012, 60, 5640-5656.	3.2	38
138	Least square filtering for low-delay transform domain Wyner-Ziv video coding. , 2012, , .		0
139	An FDR-controlled, exploratory group modeling for assessing brain connectivity. , 2012, , .		2
140	A tridirectional method for corticomuscular coupling analysis in Parkinson's disease. , 2012, , .		1
141	A Generalized Multivariate Autoregressive (GmAR)-Based Approach for EEG Source Connectivity Analysis. IEEE Transactions on Signal Processing, 2012, 60, 453-465.	3.2	18
142	A multiblock PLS model of cortico-cortical and corticomuscular interactions in Parkinson's disease. NeuroImage, 2012, 63, 1498-1509.	2.1	25
143	Cross-domain object recognition by output kernel learning. , 2012, , .		1
144	On the performance of MIMO RFID backscattering channels. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	31

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145	Perceptual Image Hashing Based on Shape Contexts and Local Feature Points. IEEE Transactions on Information Forensics and Security, 2012, 7, 1081-1093.	4.5	146
146	An Improved Multiplicative Spread Spectrum Embedding Scheme for Data Hiding. IEEE Transactions on Information Forensics and Security, 2012, 7, 1127-1143.	4.5	47
147	Design and Implementation of a Wearable, Wireless EEG Recording System. , 2011, , .		22
148	Altered directional connectivity in Parkinson's disease during performance of a visually guided task. NeuroImage, 2011, 56, 2144-2156.	2.1	27
149	Closed-Form BER Analysis of Non-Coherent FSK in MISO Double Rayleigh Fading/RFID Channel. IEEE Communications Letters, 2011, 15, 848-850.	2.5	38
150	Correlation-and-Bit-Aware Spread Spectrum Embedding for Data Hiding. IEEE Transactions on Information Forensics and Security, 2011, 6, 267-282.	4.5	87
151	Robust Image Watermarking Based on Multiscale Gradient Direction Quantization. IEEE Transactions on Information Forensics and Security, 2011, 6, 1200-1213.	4.5	111
152	Impact of the correlation between forward and backscatter channels on RFID system performance. , 2011, , .		12
153	Shape context based image hashing using local feature points. , 2011, , .		1
154	Improved multiplicative spread spectrum embedding for image data hiding. , 2011, , .		1
155	A new data hiding method using angle quantization index modulation in gradient domain. , 2011, , .		0
156	Asymptotic Analysis of Robust LASSOs in the Presence of Noise With Large Variance. IEEE Transactions on Information Theory, 2010, 56, 5131-5149.	1.5	30
157	Correlation-aware data hiding based on spread spectrum embedding. , 2010, , .		1
158	Multiblock PLS model for group corticomuscular activity analysis in Parkinson disease. , 2010, , .		1
159	FMRI group studies of brain connectivity via a group robust Lasso. , 2010, , .		7
160	A host rejected spread spectrum embedding scheme for data hiding. , 2010, , .		0
161	Reliable indoor location sensing technique using active RFID. , 2010, , .		3
162	One-shot Recognition Using Unsupervised Attribute-Learning. , 2010, , .		2

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163	$\hat{\Gamma}_1, \hat{\Gamma}_2$ But not $\hat{\Gamma}_{\pm}$ -band EEG connectivity has implications for dual task performance in Parkinson's disease. Parkinsonism and Related Disorders, 2010, 16, 393-397.	1.1	22
164	Gains by a space-time-code based signaling scheme for multiple-antenna RFID tags. , 2010, , .		34
165	EEG source extraction by autoregressive source separation reveals abnormal synchronization in Parkinson's disease. , 2009, 2009, 1868-72.		3
166	Incorporating Error-Rate-Controlled Prior in Modelling Brain Functional Connectivity. , 2009, , .		0
167	An Independent Component Analysis (ICA) Based Approach for EEG Person Authentication. , 2009, , .		20
168	A Novel Segmentation, Mutual Information Network Framework for EEG Analysis of Motor Tasks. BioMedical Engineering OnLine, 2009, 8, 9.	1.3	28
169	Hashing the mAR coefficients from EEG data for person authentication. , 2009, , .		8
170	Minimum mean square error detector for multimessage spread spectrum embedding. , 2009, , .		1
171	Towards automated image hashing based on the Fast Johnson-Lindenstrauss Transform (FJLT). , 2009, , .		2
172	Sparse multivariate autoregressive (mAR)-based partial directed coherence (PDC) for electroencephalogram (EEG) analysis. , 2009, , .		15
173	A Framework of Multiplicative Spread Spectrum Embedding for Data Hiding: Performance, Decoder and Signature Design. , 2009, , .		5
174	Reduced-reference image quality assessment based on perceptual image hashing. , 2009, , .		24
175	Image quality monitoring using spread spectrum watermarking. , 2009, , .		12
176	Probabilistic Boolean Network Analysis of Brain Connectivity in Parkinson's Disease. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 975-985.	7.3	14
177	Dynamic Bayesian network modeling of fMRI: A comparison of group-analysis methods. NeuroImage, 2008, 41, 398-407.	2.1	74
178	Fast Johnson-Lindenstrauss Transform for robust and secure image hashing. , 2008, , .		5
179	A Hidden Markov, Multivariate Autoregressive (HMM-mAR) Network Framework for Analysis of Surface EMG (sEMG) Data. IEEE Transactions on Signal Processing, 2008, 56, 4069-4081.	3.2	60
180	Mutual Information based Relevance Network Analysis: A Parkinson's Disease Study. , 2008, , .		2

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181	Learning brain connectivity with the false-discovery-rate-controlled PC-algorithm. , 2008, 2008, 4617-20.		4
182	Controlling the false discovery rate in modeling brain functional connectivity. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
183	A Windowed Eigenspectrum Method for Multivariate sEMG Classification During Reaching Movements. IEEE Signal Processing Letters, 2008, 15, 293-296.	2.1	3
184	A Multi-Subject, Dynamic Bayesian Networks (DBNS) Framework for Brain Effective Connectivity. , 2007, , .		3
185	Relevance Network Modeling for Muscle Association Pattern in Reaching Movements. , 2007, , .		1
186	Local Linear Discriminant Analysis (LLDA) for Inference of Multisubject fMRI Data. , 2007, , .		0
187	Spectral Clustering of fMRI Data within Regions of Interest: Clarification of L-dopa effects in Parkinson's Disease. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5235-8.	0.5	3
188	Hidden Markov Multivariate Autoregressive (HMM-mAR) Modeling Framework for Surface Electromyography (sEMG) Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4826-9.	0.5	3
189	Delay sensitive scheduling schemes for heterogeneous QoS over wireless networks. IEEE Transactions on Wireless Communications, 2007, 6, 423-428.	6.1	16
190	Model-based receptor quantization analysis for PET parametric imaging. , 2005, 2005, 5908-11.		4
191	A factor-image framework to quantification of brain receptor dynamic PET studies. IEEE Transactions on Signal Processing, 2005, 53, 3473-3487.	3.2	3
192	Anti-collusion forensics of multimedia fingerprinting using orthogonal modulation. IEEE Transactions on Image Processing, 2005, 14, 804-821.	6.0	142