

Z Jane Wang

List of Publications by Year in descending order

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192
papers

6,326
citations

101384

36
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82410

72
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192
all docs

192
docs citations

192
times ranked

6512
citing authors

#	ARTICLE	IF	CITATIONS
1	Image Fusion With Convolutional Sparse Representation. IEEE Signal Processing Letters, 2016, 23, 1882-1886.	2.1	634
2	A CNN Regression Approach for Real-Time 2D/3D Registration. IEEE Transactions on Medical Imaging, 2016, 35, 1352-1363.	5.4	359
3	Median Filtering Forensics Based on Convolutional Neural Networks. IEEE Signal Processing Letters, 2015, 22, 1849-1853.	2.1	345
4	3D CNN Based Automatic Diagnosis of Attention Deficit Hyperactivity Disorder Using Functional and Structural MRI. IEEE Access, 2017, 5, 23626-23636.	2.6	227
5	Novel Tactile Sensor Technology and Smart Tactile Sensing Systems: A Review. Sensors, 2017, 17, 2653.	2.1	194
6	Medical Image Fusion via Convolutional Sparsity Based Morphological Component Analysis. IEEE Signal Processing Letters, 2019, 26, 485-489.	2.1	192
7	Optimized deep neural network architecture for robust detection of epileptic seizures using EEG signals. Clinical Neurophysiology, 2019, 130, 25-37.	0.7	150
8	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
9	Anti-collusion forensics of multimedia fingerprinting using orthogonal modulation. IEEE Transactions on Image Processing, 2005, 14, 804-821.	6.0	142
10	Video-Based Heart Rate Measurement: Recent Advances and Future Prospects. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3600-3615.	2.4	132
11	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
12	Pattern recognition of number gestures based on a wireless surface EMG system. Biomedical Signal Processing and Control, 2013, 8, 184-192.	3.5	124
13	Home Appliance Load Modeling From Aggregated Smart Meter Data. IEEE Transactions on Power Systems, 2015, 30, 254-262.	4.6	124
14	Robust Image Watermarking Based on Multiscale Gradient Direction Quantization. IEEE Transactions on Information Forensics and Security, 2011, 6, 1200-1213.	4.5	111
15	Classification of EEG Signals Using a Multiple Kernel Learning Support Vector Machine. Sensors, 2014, 14, 12784-12802.	2.1	104
16	Removing Muscle Artifacts From EEG Data: Multichannel or Single-Channel Techniques?. IEEE Sensors Journal, 2016, 16, 1986-1997.	2.4	97
17	Correlation-and-Bit-Aware Spread Spectrum Embedding for Data Hiding. IEEE Transactions on Information Forensics and Security, 2011, 6, 267-282.	4.5	87
18	Joint Blind Source Separation for Neurophysiological Data Analysis: Multiset and multimodal methods. IEEE Signal Processing Magazine, 2016, 33, 86-107.	4.6	81

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19	Novel Flexible Wearable Sensor Materials and Signal Processing for Vital Sign and Human Activity Monitoring. <i>Sensors</i> , 2017, 17, 1622.	2.1	81
20	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
21	Dynamic Bayesian network modeling of fMRI: A comparison of group-analysis methods. <i>NeuroImage</i> , 2008, 41, 398-407.	2.1	74
22	Illumination Variation-Resistant Video-Based Heart Rate Measurement Using Joint Blind Source Separation and Ensemble Empirical Mode Decomposition. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1422-1433.	3.9	73
23	Incomplete multi-view clustering via deep semantic mapping. <i>Neurocomputing</i> , 2018, 275, 1053-1062.	3.5	73
24	Removal of Muscle Artifacts From the EEG: A Review and Recommendations. <i>IEEE Sensors Journal</i> , 2019, 19, 5353-5368.	2.4	66
25	A Hidden Markov, Multivariate Autoregressive (HMM-mAR) Network Framework for Analysis of Surface EMG (sEMG) Data. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 4069-4081.	3.2	60
26	Automated Detection and Segmentation of Vascular Structures of Skin Lesions Seen in Dermoscopy, With an Application to Basal Cell Carcinoma Classification. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1675-1684.	3.9	59
27	Video-based human heart rate measurement using joint blind source separation. <i>Biomedical Signal Processing and Control</i> , 2017, 31, 309-320.	3.5	58
28	A Novel EEMD-CCA Approach to Removing Muscle Artifacts for Pervasive EEG. <i>IEEE Sensors Journal</i> , 2019, 19, 8420-8431.	2.4	54
29	Parkinson's Disease Rigidity: Relation to Brain Connectivity and Motor Performance. <i>Frontiers in Neurology</i> , 2013, 4, 67.	1.1	52
30	Real-time 2D/3D registration via CNN regression. , 2016, , .		52
31	RAE: The Rainforest Automation Energy Dataset for Smart Grid Meter Data Analysis. <i>Data</i> , 2018, 3, 8.	1.2	52
32	An Improved Multiplicative Spread Spectrum Embedding Scheme for Data Hiding. <i>IEEE Transactions on Information Forensics and Security</i> , 2012, 7, 1127-1143.	4.5	47
33	Active-Learning-Incorporated Deep Transfer Learning for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4048-4062.	2.3	44
34	Noisy Galvanic Vestibular Stimulation Modulates the Amplitude of EEG Synchrony Patterns. <i>PLoS ONE</i> , 2013, 8, e69055.	1.1	44
35	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. <i>IEEE Internet of Things Journal</i> , 2022, 9, 12886-12900.	5.5	43
36	A convolutional-recurrent neural network approach to resting-state EEG classification in Parkinson's disease. <i>Journal of Neuroscience Methods</i> , 2021, 361, 109282.	1.3	42

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37	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
38	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
39	Shrinkage-to-Tapering Estimation of Large Covariance Matrices. IEEE Transactions on Signal Processing, 2012, 60, 5640-5656.	3.2	38
40	Toward Open-World Electroencephalogram Decoding Via Deep Learning: A comprehensive survey. IEEE Signal Processing Magazine, 2022, 39, 117-134.	4.6	37
41	Unitary Query for the β -Mimes Limes N MIMO Backscatter RFID Channel. IEEE Transactions on Wireless Communications, 2015, 14, 2613-2625.	6.1	36
42	Pairwise domain adaptation module for CNN-based 2-D/3-D registration. Journal of Medical Imaging, 2018, 5, 1.	0.8	35
43	Gains by a space-time-code based signaling scheme for multiple-antenna RFID tags. , 2010, , .		34
44	A multi-purpose image forensic method using densely connected convolutional neural networks. Journal of Real-Time Image Processing, 2019, 16, 725-740.	2.2	34
45	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
46	On the performance of MIMO RFID backscattering channels. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	31
47	Structure Preserving Transfer Learning for Unsupervised Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1656-1660.	1.4	31
48	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
49	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
50	ICFS Clustering With Multiple Representatives for Large Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 728-738.	7.2	30
51	A multi-scale data fusion framework for bone age assessment with convolutional neural networks. Computers in Biology and Medicine, 2019, 108, 161-173.	3.9	30
52	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
53	Galvanic Vestibular Stimulation (GVS) Augments Deficient Pedunculopontine Nucleus (PPN) Connectivity in Mild Parkinson's Disease: fMRI Effects of Different Stimuli. Frontiers in Neuroscience, 2018, 12, 101.	1.4	29
54	A Novel Segmentation, Mutual Information Network Framework for EEG Analysis of Motor Tasks. BioMedical Engineering OnLine, 2009, 8, 9.	1.3	28

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55	Altered directional connectivity in Parkinson's disease during performance of a visually guided task. <i>NeuroImage</i> , 2011, 56, 2144-2156.	2.1	27
56	Multimodal Deep Learning Approach for Joint EEG-EMG Data Compression and Classification. , 2017, , .		27
57	Sparsity-Based Image Inpainting Detection via Canonical Correlation Analysis With Low-Rank Constraints. <i>IEEE Access</i> , 2018, 6, 49967-49978.	2.6	26
58	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
59	Co-Learning Non-Negative Correlated and Uncorrelated Features for Multi-View Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 1486-1496.	7.2	26
60	A multiblock PLS model of cortico-cortical and corticomuscular interactions in Parkinson's disease. <i>NeuroImage</i> , 2012, 63, 1498-1509.	2.1	25
61	Unsupervised Multiview Nonnegative Correlated Feature Learning for Data Clustering. <i>IEEE Signal Processing Letters</i> , 2018, 25, 60-64.	2.1	25
62	Reduced-reference image quality assessment based on perceptual image hashing. , 2009, , .		24
63	Monostatic MIMO Backscatter Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2020, 38, 1896-1909.	9.7	24
64	Physiological parameter monitoring of drivers based on video data and independent vector analysis. , 2014, , .		23
65	$\hat{\gamma}_1, \hat{\gamma}_2$ But not $\hat{\gamma}_{\pm}$ -band EEG connectivity has implications for dual task performance in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 393-397.	1.1	22
66	Design and Implementation of a Wearable, Wireless EEG Recording System. , 2011, , .		22
67	An EEMD-IVA Framework for Concurrent Multidimensional EEG and Unidimensional Kinematic Data Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2187-2198.	2.5	22
68	Forensics and counter anti-forensics of video inter-frame forgery. <i>Multimedia Tools and Applications</i> , 2016, 75, 13833-13853.	2.6	22
69	Removing Muscle Artifacts From EEG Data via Underdetermined Joint Blind Source Separation: A Simulation Study. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 187-191.	2.2	22
70	Incorporating clinical knowledge with constrained classifier chain into a multimodal deep network for melanoma detection. <i>Computers in Biology and Medicine</i> , 2021, 137, 104812.	3.9	22
71	A Sticky Weighted Regression Model for Time-Varying Resting-State Brain Connectivity Estimation. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 501-510.	2.5	21
72	Zero-Shot Image Classification Based on Deep Feature Extraction. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2018, 10, 432-444.	2.6	21

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73	An Independent Component Analysis (ICA) Based Approach for EEG Person Authentication. , 2009, , .		20
74	A Sparse Representation based Wavelet Domain Speech Steganography Method. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, , 1-1.	4.0	20
75	Underdetermined Joint Blind Source Separation of Multiple Datasets. IEEE Access, 2017, 5, 7474-7487.	2.6	20
76	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
77	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
78	An IC-PLS Framework for Group Corticomuscular Coupling Analysis. IEEE Transactions on Biomedical Engineering, 2013, 60, 2022-2033.	2.5	19
79	A Generalized Multivariate Autoregressive (GmAR)-Based Approach for EEG Source Connectivity Analysis. IEEE Transactions on Signal Processing, 2012, 60, 453-465.	3.2	18
80	Compressed Binary Image Hashes Based on Semisupervised Spectral Embedding. IEEE Transactions on Information Forensics and Security, 2013, 8, 1838-1849.	4.5	18
81	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
82	Underdetermined Joint Blind Source Separation for Two Datasets Based on Tensor Decomposition. IEEE Signal Processing Letters, 2016, 23, 673-677.	2.1	18
83	Machine learning for quality prediction in abrasion-resistant material manufacturing process. , 2016, , .		18
84	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
85	Abnormal Phase Coupling in Parkinson's Disease and Normalization Effects of Subthreshold Vestibular Stimulation. Frontiers in Human Neuroscience, 2019, 13, 118.	1.0	18
86	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
87	Non-contact driver cardiac physiological monitoring using video data. , 2015, , .		17
88	Mid-level deep Food Part mining for food image recognition. IET Computer Vision, 2018, 12, 298-304.	1.3	17
89	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
90	Delay sensitive scheduling schemes for heterogeneous QoS over wireless networks. IEEE Transactions on Wireless Communications, 2007, 6, 423-428.	6.1	16

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91	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
92	Deep Semantic Mapping for Heterogeneous Multimedia Transfer Learning Using Co-Occurrence Data. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-21.	3.0	16
93	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
94	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
95	Sparse multivariate autoregressive (mAR)-based partial directed coherence (PDC) for electroencephalogram (EEG) analysis. , 2009, , .		15
96	Deep Transfer Learning for Hyperspectral Image Classification. , 2018, , .		15
97	High-Density Surface EMG Denoising Using Independent Vector Analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1271-1281.	2.7	15
98	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
99	A Joint Multimodal Group Analysis Framework for Modeling Corticomuscular Activity. IEEE Transactions on Multimedia, 2013, 15, 1049-1059.	5.2	14
100	Correlation-and-bit-aware multiplicative spread spectrum embedding for data hiding. , 2013, , .		14
101	Query Diversity Schemes for Backscatter RFID Communications With Single-Antenna Tags. IEEE Transactions on Vehicular Technology, 2017, 66, 6932-6941.	3.9	14
102	Robust Detection of Epileptic Seizures Using Deep Neural Networks. , 2018, , .		14
103	A Simple, High-Performance Space-Time Code for MIMO Backscatter Communications. IEEE Internet of Things Journal, 2020, 7, 3586-3591.	5.5	13
104	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
105	Image quality monitoring using spread spectrum watermarking. , 2009, , .		12
106	Impact of the correlation between forward and backscatter channels on RFID system performance. , 2011, , .		12
107	A Survey of Secure Routing Protocols in Multi-Hop Cellular Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 3510-3541.	24.8	12
108	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

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109	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
110	Food Image Recognition via Superpixel Based Low-Level and Mid-Level Distance Coding for Smart Home Applications. Sustainability, 2017, 9, 856.	1.6	11
111	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
112	A Joint Optimization Framework for IRS-Assisted Energy Self-Sustainable IoT Networks. IEEE Internet of Things Journal, 2022, 9, 13767-13779.	5.5	10
113	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
114	RevHashNet: Perceptually de-hashing real-valued image hashes for similarity retrieval. Signal Processing: Image Communication, 2018, 68, 68-75.	1.8	9
115	Cancer Characteristic Gene Selection via Sample Learning Based on Deep Sparse Filtering. Scientific Reports, 2018, 8, 8270.	1.6	9
116	Both Stationary and Dynamic Functional Interhemispheric Connectivity Are Strongly Associated With Performance on Cognitive Tests in Multiple Sclerosis. Frontiers in Neurology, 2020, 11, 407.	1.1	9
117	Unifying Top-Down Views by Task-Specific Domain Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4689-4702.	2.7	9
118	Hashing the mAR coefficients from EEG data for person authentication. , 2009, , .		8
119	fMRI group studies of brain connectivity via a group robust Lasso. , 2010, , .		7
120	Corticomuscular Activity Modeling by Combining Partial Least Squares and Canonical Correlation Analysis. Journal of Applied Mathematics, 2013, 2013, 1-11.	0.4	7
121	A novel quantization-based watermarking approach invariant to gain attack. , 2013, , .		7
122	Feasibility-Aware Partial Interference Alignment for Hybrid D2D and Cellular Communication Networks. IEEE Access, 2018, 6, 71069-71083.	2.6	7
123	A Survey on Measuring Anonymity in Anonymous Communication Systems. IEEE Access, 2019, 7, 70584-70609.	2.6	7
124	A Better Than Alamouti OSTBC for MIMO Backscatter Communications. IEEE Transactions on Wireless Communications, 2022, 21, 1117-1131.	6.1	7
125	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
126	Multi-Scale Interpretation Model for Convolutional Neural Networks: Building Trust Based on Hierarchical Interpretation. IEEE Transactions on Multimedia, 2019, 21, 2263-2276.	5.2	6

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127	Feature-Flow Interpretation of Deep Convolutional Neural Networks. IEEE Transactions on Multimedia, 2020, 22, 1847-1861.	5.2	6
128	Novel Regional Activity Representation With Constrained Canonical Correlation Analysis for Brain Connectivity Network Estimation. IEEE Transactions on Medical Imaging, 2020, 39, 2363-2373.	5.4	6
129	Subsampling Generative Adversarial Networks: Density Ratio Estimation in Feature Space With Softplus Loss. IEEE Transactions on Signal Processing, 2020, 68, 1910-1922.	3.2	6
130	Multilabel Aerial Image Classification With Unsupervised Domain Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	6
131	Fast Johnson-Lindenstrauss Transform for robust and secure image hashing. , 2008, , .		5
132	A Framework of Multiplicative Spread Spectrum Embedding for Data Hiding: Performance, Decoder and Signature Design. , 2009, , .		5
133	Modeling the User as an Observer to Determine Display Information Requirements. , 2013, , .		5
134	Delayâ€incorporating observability and predictability analysis of safetyâ€critical continuousâ€time systems. IET Control Theory and Applications, 2015, 9, 1692-1699.	1.2	5
135	Coarse-to-Fine Image DeHashing Using Deep Pyramidal Residual Learning. IEEE Signal Processing Letters, 2019, 26, 1295-1299.	2.1	5
136	Galvanic Vestibular Stimulation Improves Subnetwork Interactions in Parkinsonâ€™s Disease. Journal of Healthcare Engineering, 2021, 2021, 1-11.	1.1	5
137	DA-IMRN: Dual-Attention-Guided Interactive Multi-Scale Residual Network for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 530.	1.8	5
138	Model-based receptor quantization analysis for PET parametric imaging. , 2005, 2005, 5908-11.		4
139	Learning brain connectivity with the false-discovery-rate-controlled PC-algorithm. , 2008, 2008, 4617-20.		4
140	Dynamic MR-based respiratory motion compensation for hybrid PET/MR system. , 2014, , .		4
141	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
142	A Low-Complexity Quantum Principal Component Analysis Algorithm. IEEE Transactions on Quantum Engineering, 2022, 3, 1-13.	2.9	4
143	A factor-image framework to quantification of brain receptor dynamic PET studies. IEEE Transactions on Signal Processing, 2005, 53, 3473-3487.	3.2	3
144	A Multi-Subject, Dynamic Bayesian Networks (DBNS) Framework for Brain Effective Connectivity. , 2007, , .		3

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145	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
146	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
147	A Windowed Eigenspectrum Method for Multivariate sEMG Classification During Reaching Movements. IEEE Signal Processing Letters, 2008, 15, 293-296.	2.1	3
148	EEG source extraction by autoregressive source separation reveals abnormal synchronization in Parkinson's disease. , 2009, 2009, 1868-72.		3
149	Reliable indoor location sensing technique using active RFID. , 2010, , .		3
150	Galvanic Vestibular Stimulation: Data Analysis and Applications in Neurorehabilitation. IEEE Signal Processing Magazine, 2021, 38, 54-64.	4.6	3
151	Computer-aided detection of basal cell carcinoma through blood content analysis in dermoscopy images. , 2018, , .		3
152	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
153	Mutual Information based Relevance Network Analysis: A Parkinson's Disease Study. , 2008, , .		2
154	Towards automated image hashing based on the Fast Johnson-Lindenstrauss Transform (FJLT). , 2009, , .		2
155	One-shot Recognition Using Unsupervised Attribute-Learning. , 2010, , .		2
156	An FDR-controlled, exploratory group modeling for assessing brain connectivity. , 2012, , .		2
157	Classifying Melanoma and Seborrheic Keratosis Automatically with Polarization Speckle Imaging. , 2019, , .		2
158	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
159	Parkinson's Disease Detection from fMRI-Derived Brainstem Regional Functional Connectivity Networks. Lecture Notes in Computer Science, 2020, , 33-43.	1.0	2
160	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
161	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
162	Relevance Network Modeling for Muscle Association Pattern in Reaching Movements. , 2007, , .		1

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163	Minimum mean square error detector for multimessage spread spectrum embedding. , 2009, , .		1
164	Correlation-aware data hiding based on spread spectrum embedding. , 2010, , .		1
165	Multiblock PLS model for group corticomuscular activity analysis in Parkinson disease. , 2010, , .		1
166	Shape context based image hashing using local feature points. , 2011, , .		1
167	Improved multiplicative spread spectrum embedding for image data hiding. , 2011, , .		1
168	Wavelet-based gradient transform and its applications. , 2012, , .		1
169	A tridirectional method for corticomuscular coupling analysis in Parkinson's disease. , 2012, , .		1
170	Cross-domain object recognition by output kernel learning. , 2012, , .		1
171	OCSID: Orthogonal Accessing Control Without Spectrum Spreading for Massive RFID Network. IEEE Internet of Things Journal, 2021, 8, 4329-4338.	5.5	1
172	Interpreting Bottom-Up Decision-Making of CNNs via Hierarchical Inference. IEEE Transactions on Image Processing, 2021, 30, 6701-6714.	6.0	1
173	LiCaS3: A Simple LiDAR“Camera Self-Supervised Synchronization Method. IEEE Transactions on Robotics, 2022, 38, 3203-3218.	7.3	1
174	Local Linear Discriminant Analysis (LLDA) for Inference of Multisubject FMRI Data. , 2007, , .		0
175	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
176	Incorporating Error-Rate-Controlled Prior in Modelling Brain Functional Connectivity. , 2009, , .		0
177	A host rejected spread spectrum embedding scheme for data hiding. , 2010, , .		0
178	A new data hiding method using angle quantization index modulation in gradient domain. , 2011, , .		0
179	Least square filtering for low-delay transform domain Wyner-Ziv video coding. , 2012, , .		0
180	Metric based Gaussian kernel learning for classification. , 2013, , .		0

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181	Time varying brain connectivity modeling using FMRI signals. , 2014, , .		0
182	Non-parametric orthogonal slice to volume deformable registration: Application to PET/MR respiratory motion compensation. , 2014, , .		0
183	Automatic region of interest extraction in food baking images. , 2014, , .		0
184	A Multimodal data fusion approach efficiently predicts disease duration in multiple sclerosis. , 2016, , .		0
185	False discovery rate controller for functional brain parcellation. , 2016, , .		0
186	Joint time invariant and time dependent brain connectivity network estimation. , 2016, , .		0
187	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
188	Assessing functional connectivity of brainstem nuclei in fMRI data. , 2017, , .		0
189	A Multivariate Approach for Denoising of T2 Relaxation Decay Curves in Myelin Water Fraction Imaging. , 2019, , .		0
190	Performance Bound of the Start of Frame Delimiters. IEEE Wireless Communications Letters, 2021, 10, 107-110.	3.2	0
191	MPSK Orthogonal Coset Identification for Massive RFID Network. IEEE Communications Letters, 2021, 25, 3714-3718.	2.5	0
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