

# TÃ¼lay AdalÄ±

## List of Publications by Year in descending order

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168  
papers

12,559  
citations

44444

50  
h-index

31191

106  
g-index

181  
all docs

181  
docs citations

181  
times ranked

11647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Neuroimaging Data with Behavioral Variables: A Class of Multivariate Methods and Their Comparison Using Multi-Task fMRI Data. <i>Sensors</i> , 2022, 22, 1224.	2.1	5
2	Data-driven spatio-temporal dynamic brain connectivity analysis using fALFF: Application to sensorimotor task data. , 2022, , .		2
3	Tracing Evolving Networks Using Tensor Factorizations vs. ICA-Based Approaches. <i>Frontiers in Neuroscience</i> , 2022, 16, 861402.	1.4	6
4	Structured sparse multiset canonical correlation analysis of simultaneous fNIRS and EEG provides new insights into the human action-observation network. <i>Scientific Reports</i> , 2022, 12, 6878.	1.6	7
5	Multi-Task fMRI Data Fusion Using IVA and PARAFAC2. , 2022, , .		5
6	Dynamical Synergies of Multidigit Hand Prehension. <i>Sensors</i> , 2022, 22, 4177.	2.1	3
7	Reproducibility in Matrix and Tensor Decompositions: Focus on model match, interpretability, and uniqueness. <i>IEEE Signal Processing Magazine</i> , 2022, 39, 8-24.	4.6	13
8	Interpretability, Reproducibility, and Replicability [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , 2022, 39, 5-7.	4.6	6
9	Reconstructing Synergy-Based Hand Grasp Kinematics from Electroencephalographic Signals. <i>Sensors</i> , 2022, 22, 5349.	2.1	4
10	Multidataset Independent Subspace Analysis With Application to Multimodal Fusion. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 588-602.	6.0	15
11	Graph-theoretical analysis identifies transient spatial states of resting-state dynamic functional network connectivity and reveals dysconnectivity in schizophrenia. <i>Journal of Neuroscience Methods</i> , 2021, 350, 109039.	1.3	6
12	Independent Vector Analysis Using Semi-Parametric Density Estimation via Multivariate Entropy Maximization. , 2021, , .		3
13	Disjoint subspaces for common and distinct component analysis: Application to the fusion of multi-task fMRI data. <i>Journal of Neuroscience Methods</i> , 2021, 358, 109214.	1.3	5
14	Signal Processing for Neurorehabilitation and Assistive Technologies [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , 2021, 38, 5-7.	4.6	5
15	Relationship between Dynamic Blood-Oxygen-Level-Dependent Activity and Functional Network Connectivity: Characterization of Schizophrenia Subgroups. <i>Brain Connectivity</i> , 2021, 11, 430-446.	0.8	2
16	Consecutive Independence and Correlation Transform for Multimodal Data Fusion: Discovery of One-to-Many Associations in Structural and Functional Imaging Data. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8382.	1.3	3
17	Taking the 4D Nature of fMRI Data Into Account Promises Significant Gains in Data Completion. <i>IEEE Access</i> , 2021, 9, 145334-145362.	2.6	1
18	A multimodal IVA fusion approach to identify linked neuroimaging markers. , 2021, 2021, 3928-3932.		0

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19	IVA using complex multivariate GGD: application to fMRI analysis. Multidimensional Systems and Signal Processing, 2020, 31, 725-744.	1.7	3
20	Dictionary Learning-Based fMRI Data Analysis for Capturing Common and Individual Neural Activation Maps. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1265-1279.	7.3	8
21	Adaptive Constrained Independent Vector Analysis: An Effective Solution for Analysis of Large-Scale Medical Imaging Data. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1255-1264.	7.3	6
22	Performance Bounds for Complex-Valued Independent Vector Analysis. IEEE Transactions on Signal Processing, 2020, 68, 4258-4267.	3.2	2
23	Identification of Subgroup Differences Using IVA: Application to fMRI Data Fusion*. , 2020, 2020, 1683-1686.		1
24	Independent vector analysis for common subspace analysis: Application to multi-subject fMRI data yields meaningful subgroups of schizophrenia. NeuroImage, 2020, 216, 116872.	2.1	20
25	Tracing Network Evolution Using The Parafac2 Model. , 2020, , .		12
26	Joint-IVA for identification of discriminating features in EEG: Application to a driving study. Biomedical Signal Processing and Control, 2020, 61, 101948.	3.5	2
27	Space: A Missing Piece of the Dynamic Puzzle. Trends in Cognitive Sciences, 2020, 24, 135-149.	4.0	49
28	An ICA based approach for steady-state and transient analysis of task fMRI data: Application to study of thermal pain response. Journal of Neuroscience Methods, 2019, 326, 108356.	1.3	3
29	Spatial Dynamic Functional Connectivity Analysis Identifies Distinctive Biomarkers in Schizophrenia. Frontiers in Neuroscience, 2019, 13, 1006.	1.4	28
30	Extraction of Time-Varying Spatiotemporal Networks Using Parameter-Tuned Constrained IVA. IEEE Transactions on Medical Imaging, 2019, 38, 1715-1725.	5.4	23
31	A new blind source separation framework for signal analysis and artifact rejection in functional Near-Infrared Spectroscopy. NeuroImage, 2019, 200, 72-88.	2.1	36
32	Unraveling Diagnostic Biomarkers of Schizophrenia Through Structure-Revealing Fusion of Multi-Modal Neuroimaging Data. Frontiers in Neuroscience, 2019, 13, 416.	1.4	27
33	Parallel group ICA+ICA: Joint estimation of linked functional network variability and structural covariation with application to schizophrenia. Human Brain Mapping, 2019, 40, 3795-3809.	1.9	23
34	A method to compare the discriminatory power of data-driven methods: Application to ICA and IVA. Journal of Neuroscience Methods, 2019, 311, 267-276.	1.3	4
35	ICA and IVA for Data Fusion: An Overview and a New Approach Based on Disjoint Subspaces. , 2019, 3, 1-4.		174
36	The role of diversity in data-driven analysis of multi-subject fMRI data: Comparison of approaches based on independence and sparsity using global performance metrics. Human Brain Mapping, 2019, 40, 489-504.	1.9	15

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37	Independent Vector Analysis for SSVEP Signal Enhancement, Detection, and Topographical Mapping. Brain Topography, 2018, 31, 117-124.	0.8	8
38	Shared and Subject-Specific Dictionary Learning (ShSSDL) Algorithm for Multisubject fMRI Data Analysis. IEEE Transactions on Biomedical Engineering, 2018, 65, 2519-2528.	2.5	22
39	Applications of Graph Theory [Scanning the Issue]. Proceedings of the IEEE, 2018, 106, 784-786.	16.4	6
40	A Shared Vision for Machine Learning in Neuroscience. Journal of Neuroscience, 2018, 38, 1601-1607.	1.7	121
41	A windowless approach for capturing time-varying connectivity in fMRI data reveals the presence of states with variable rates of change. Human Brain Mapping, 2018, 39, 1626-1636.	1.9	42
42	Application of Graph Theory to Assess Static and Dynamic Brain Connectivity: Approaches for Building Brain Graphs. Proceedings of the IEEE, 2018, 106, 886-906.	16.4	53
43	Sparsity and Independence: Balancing Two Objectives in Optimization for Source Separation with Application to fMRI Analysis. Journal of the Franklin Institute, 2018, 355, 1873-1887.	1.9	15
44	Consistent Run Selection for Independent Component Analysis: Application to Fmri Analysis. , 2018, , .		20
45	Capturing Common and Individual Components in fMRI Data by Discriminative Dictionary Learning. , 2018, , .		2
46	Resting-State fMRI Dynamics and Null Models: Perspectives, Sampling Variability, and Simulations. Frontiers in Neuroscience, 2018, 12, 551.	1.4	30
47	The Dangers of Following Trends in Research: Sparsity and Other Examples of Hammers in Search of Nails. Proceedings of the IEEE, 2018, 106, 1014-1018.	16.4	11
48	A two-level ICA approach reveals important differences in the female brain response to thermal pain. , 2018, , .		0
49	Quantifying the Interaction and Contribution of Multiple Datasets in Fusion: Application to the Detection of Schizophrenia. IEEE Transactions on Medical Imaging, 2017, 36, 1385-1395.	5.4	29
50	A graph theoretical approach for performance comparison of ICA for fMRI analysis. , 2017, , .		0
51	Flexible large-scale fMRI analysis: A survey. , 2017, , .		4
52	Tensor-based fusion of EEG and FMRI to understand neurological changes in schizophrenia. , 2017, , .		25
53	Data-driven fusion of multi-camera video sequences: Application to abandoned object detection. , 2017, , .		6
54	Non-orthogonal constrained independent vector analysis: Application to data fusion. , 2017, , .		6

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55	Two models for fusion of medical imaging data: Comparison and connections. , 2017, , .		1
56	Parameter-free automated extraction of neuronal signals from calcium imaging data. , 2017, , .		5
57	Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis. Schizophrenia Bulletin, 2016, 42, sbv085.	2.3	24
58	Higher Dimensional Meta-State Analysis Reveals Reduced Resting fMRI Connectivity Dynamism in Schizophrenia Patients. PLoS ONE, 2016, 11, e0149849.	1.1	148
59	Sample-poor estimation of order and common signal subspace with application to fusion of medical imaging data. NeuroImage, 2016, 134, 486-493.	2.1	26
60	Time-Varying Brain Connectivity in fMRI Data: Whole-brain data-driven approaches for capturing and characterizing dynamic states. IEEE Signal Processing Magazine, 2016, 33, 52-66.	4.6	67
61	Blind Source Separation for Unimodal and Multimodal Brain Networks: A Unifying Framework for Subspace Modeling. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1134-1149.	7.3	20
62	Spectralâ€Spatial Classification of Hyperspectral Images Using ICA and Edge-Preserving Filter via an Ensemble Strategy. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4971-4982.	2.7	66
63	The role of diversity in complex ICA algorithms for fMRI analysis. Journal of Neuroscience Methods, 2016, 264, 129-135.	1.3	27
64	A New Riemannian Averaged Fixed-Point Algorithm for MGGD Parameter Estimation. IEEE Signal Processing Letters, 2015, 22, 2314-2318.	2.1	10
65	Comparison of PCA approaches for very large group ICA. NeuroImage, 2015, 118, 662-666.	2.1	17
66	Independent Vector Analysis for Gradient Artifact Removal in Concurrent EEG-fMRI Data. IEEE Transactions on Biomedical Engineering, 2015, 62, 1750-1758.	2.5	36
67	General Nonunitary Constrained ICA and its Application to Complex-Valued fMRI Data. IEEE Transactions on Biomedical Engineering, 2015, 62, 922-929.	2.5	11
68	An efficient multivariate generalized Gaussian distribution estimator: Application to IVA. , 2015, , .		23
69	Capturing subject variability in fMRI data: A graph-theoretical analysis of GICA vs. IVA. Journal of Neuroscience Methods, 2015, 247, 32-40.	1.3	98
70	Quantifying motor recovery after stroke using independent vector analysis and graph-theoretical analysis. NeuroImage: Clinical, 2015, 8, 298-304.	1.4	23
71	Multimodal Data Fusion Using Source Separation: Application to Medical Imaging. Proceedings of the IEEE, 2015, 103, 1494-1506.	16.4	82
72	Multimodal Data Fusion Using Source Separation: Two Effective Models Based on ICA and IVA and Their Properties. Proceedings of the IEEE, 2015, 103, 1478-1493.	16.4	80

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73	Multimodal Data Fusion: An Overview of Methods, Challenges, and Prospects. Proceedings of the IEEE, 2015, 103, 1449-1477.	16.4	638
74	Preserving subject variability in group fMRI analysis: performance evaluation of GICA vs. IVA. Frontiers in Systems Neuroscience, 2014, 8, 106.	1.2	58
75	Likelihood Estimators for Dependent Samples and Their Application to Order Detection. IEEE Transactions on Signal Processing, 2014, 62, 4237-4244.	3.2	32
76	Diversity in Independent Component and Vector Analyses: Identifiability, algorithms, and applications in medical imaging. IEEE Signal Processing Magazine, 2014, 31, 18-33.	4.6	165
77	Guest Editorial: Machine Learning for Signal Processing. Journal of Signal Processing Systems, 2014, 74, 281-283.	1.4	1
78	A statistically motivated framework for simulation of stochastic data fusion models applied to multimodal neuroimaging. NeuroImage, 2014, 102, 92-117.	2.1	48
79	The Chronnectome: Time-Varying Connectivity Networks as the Next Frontier in fMRI Data Discovery. Neuron, 2014, 84, 262-274.	3.8	1,143
80	Independent Vector Analysis: Identification Conditions and Performance Bounds. IEEE Transactions on Signal Processing, 2014, 62, 4399-4410.	3.2	119
81	A study of spatial variation in fMRI brain networks via independent vector analysis: Application to schizophrenia. , 2014, , .		2
82	On the detection of RFI using the complex signal kurtosis in microwave radiometry. , 2014, , .		6
83	Data-driven fusion of EEG, functional and structural MRI: A comparison of two models. , 2014, , .		6
84	Optimization and Estimation of Complex-Valued Signals: Theory and applications in filtering and blind source separation. IEEE Signal Processing Magazine, 2014, 31, 112-128.	4.6	65
85	Unbiased Recursive Least-Squares Estimation Utilizing Dichotomous Coordinate-Descent Iterations. IEEE Transactions on Signal Processing, 2014, 62, 2973-2983.	3.2	19
86	Blind Source Separation by Entropy Rate Minimization. IEEE Transactions on Signal Processing, 2014, 62, 4245-4255.	3.2	36
87	Dynamic changes of spatial functional network connectivity in healthy individuals and schizophrenia patients using independent vector analysis. NeuroImage, 2014, 90, 196-206.	2.1	175
88	Restricted Boltzmann machines for neuroimaging: An application in identifying intrinsic networks. NeuroImage, 2014, 96, 245-260.	2.1	127
89	Multidataset independent subspace analysis extends independent vector analysis. , 2014, , .		13
90	Three-way (N-way) fusion of brain imaging data based on mCCA+jICA and its application to discriminating schizophrenia. NeuroImage, 2013, 66, 119-132.	2.1	154

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91	Kernelization of Tensor-Based Models for Multiway Data Analysis: Processing of Multidimensional Structured Data. IEEE Signal Processing Magazine, 2013, 30, 137-148.	4.6	55
92	Noncircular Complex ICA by Generalized Householder Reflections. IEEE Transactions on Signal Processing, 2013, 61, 6423-6430.	3.2	6
93	Independent vector analysis, the Kotz distribution, and performance bounds. , 2013, , .		29
94	Guest Editorial for Special Section on Multimodal Biomedical Imaging: Algorithms and Applications. IEEE Transactions on Multimedia, 2013, 15, 973-974.	5.2	1
95	Independent Component Analysis for Brain fMRI Does Indeed Select for Maximal Independence. PLoS ONE, 2013, 8, e73309.	1.1	62
96	Bootstrap testing of 2D electrophoresis gels across groups. Stat, 2012, 1, 115-124.	0.3	0
97	Joint blind source separation: Applications in medical image analysis. , 2012, , .		0
98	Decomposing the brain: components and modes, networks and nodes. Trends in Cognitive Sciences, 2012, 16, 255-256.	4.0	34
99	Joint Blind Source Separation With Multivariate Gaussian Model: Algorithms and Performance Analysis. IEEE Transactions on Signal Processing, 2012, 60, 1672-1683.	3.2	167
100	Multisubject Independent Component Analysis of fMRI: A Decade of Intrinsic Networks, Default Mode, and Neurodiagnostic Discovery. IEEE Reviews in Biomedical Engineering, 2012, 5, 60-73.	13.1	586
101	Modulations of functional connectivity in the healthy and schizophrenia groups during task and rest. NeuroImage, 2012, 62, 1694-1704.	2.1	60
102	Constrained Source-Based Morphometry Identifies Structural Networks Associated with Default Mode Network. Brain Connectivity, 2012, 2, 33-43.	0.8	29
103	High Classification Accuracy for Schizophrenia with Rest and Task fMRI Data. Frontiers in Human Neuroscience, 2012, 6, 145.	1.0	100
104	A Novel Approach for Target Detection and Classification Using Canonical Correlation Analysis. Journal of Signal Processing Systems, 2012, 68, 379-390.	1.4	6
105	A generalization of the Fourier transform and its application to spectral analysis of chirp-like signals. Applied and Computational Harmonic Analysis, 2012, 32, 305-312.	1.1	9
106	Complex-valued independent vector analysis: Application to multivariate Gaussian model. Signal Processing, 2012, 92, 1821-1831.	2.1	19
107	A review of multivariate methods for multimodal fusion of brain imaging data. Journal of Neuroscience Methods, 2012, 204, 68-81.	1.3	352
108	De-noising, phase ambiguity correction and visualization techniques for complex-valued ICA of group fMRI data. Pattern Recognition, 2012, 45, 2050-2063.	5.1	35

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109	A class of adaptive algorithms based on ML for non-Gaussian linear filtering. , 2011, , .		0
110	Blind Separation of Noncircular Correlated Sources Using Gaussian Entropy Rate. IEEE Transactions on Signal Processing, 2011, 59, 2969-2975.	3.2	30
111	Application of Independent Component Analysis With Adaptive Density Model to Complex-Valued fMRI Data. IEEE Transactions on Biomedical Engineering, 2011, 58, 2794-2803.	2.5	40
112	Noncircular Principal Component Analysis and Its Application to Model Selection. IEEE Transactions on Signal Processing, 2011, 59, 4516-4528.	3.2	26
113	On Testing the Extent of Noncircularity. IEEE Transactions on Signal Processing, 2011, 59, 5632-5637.	3.2	6
114	Discriminating schizophrenia and bipolar disorder by fusing fMRI and DTI in a multimodal CCA+ joint ICA model. NeuroImage, 2011, 57, 839-855.	2.1	218
115	Wavelet-based fMRI analysis: 3-D denoising, signal separation, and validation metrics. NeuroImage, 2011, 54, 2867-2884.	2.1	35
116	Joint blind source separation from second-order statistics: Necessary and sufficient identifiability conditions. , 2011, , .		10
117	Quality Map Thresholding for De-noising of Complex-Valued fMRI Data and Its Application to ICA of fMRI. Journal of Signal Processing Systems, 2011, 65, 497-508.	1.4	17
118	Comparison of multi-subject ICA methods for analysis of fMRI data. Human Brain Mapping, 2011, 32, 2075-2095.	1.9	632
119	Joint blind source separation by generalized joint diagonalization of cumulant matrices. Signal Processing, 2011, 91, 2314-2322.	2.1	62
120	Automatic Identification of Functional Clusters in fMRI Data Using Spatial Dependence. IEEE Transactions on Biomedical Engineering, 2011, 58, 3406-3417.	2.5	114
121	Trends in Machine Learning for Signal Processing [In the Spotlight]. IEEE Signal Processing Magazine, 2011, 28, 193-196.	4.6	7
122	A maximum likelihood approach for independent vector analysis of Gaussian data sets. , 2011, , .		12
123	Automatic Bayesian Classification of Healthy Controls, Bipolar Disorder, and Schizophrenia Using Intrinsic Connectivity Maps From fMRI Data. IEEE Transactions on Biomedical Engineering, 2010, 57, 2850-2860.	2.5	80
124	Multi-set canonical correlation analysis for the fusion of concurrent single trial ERP and functional MRI. NeuroImage, 2010, 50, 1438-1445.	2.1	156
125	A CCA+ICA based model for multi-task brain imaging data fusion and its application to schizophrenia. NeuroImage, 2010, 51, 123-134.	2.1	86
126	Canonical Correlation Analysis for Data Fusion and Group Inferences. IEEE Signal Processing Magazine, 2010, 27, 39-50.	4.6	217



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127	On Entropy Rate for the Complex Domain and Its Application to i.i.d. Sampling. IEEE Transactions on Signal Processing, 2010, 58, 2409-2414.	3.2	8
128	Independent Component Analysis by Entropy Bound Minimization. IEEE Transactions on Signal Processing, 2010, 58, 5151-5164.	3.2	130
129	Algorithms for Complex ML ICA and Their Stability Analysis Using Wirtinger Calculus. IEEE Transactions on Signal Processing, 2010, 58, 6156-6167.	3.2	25
130	Changes in fMRI magnitude data and phase data observed in block-design and event-related tasks. NeuroImage, 2010, 49, 3149-3160.	2.1	40
131	Complex Independent Component Analysis by Entropy Bound Minimization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 1417-1430.	3.5	113
132	Nonorthogonal Independent Vector Analysis Using Multivariate Gaussian Model. Lecture Notes in Computer Science, 2010, , 354-361.	1.0	21
133	On properties of the widely linear MSE filter and its LMS implementation. , 2009, , .		22
134	On ICA of improper and noncircular sources. , 2009, , .		8
135	Feature-Based Fusion of Medical Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 711-720.	3.6	187
136	A method for accurate group difference detection by constraining the mixing coefficients in an ICA framework. Human Brain Mapping, 2009, 30, 2953-2970.	1.9	47
137	Joint Blind Source Separation by Multiset Canonical Correlation Analysis. IEEE Transactions on Signal Processing, 2009, 57, 3918-3929.	3.2	340
138	Circularity and Gaussianity Detection Using the Complex Generalized Gaussian Distribution. IEEE Signal Processing Letters, 2009, 16, 993-996.	2.1	55
139	A review of group ICA for fMRI data and ICA for joint inference of imaging, genetic, and ERP data. NeuroImage, 2009, 45, S163-S172.	2.1	924
140	An ICA-based method for the identification of optimal FMRI features and components using combined group-discriminative techniques. NeuroImage, 2009, 46, 73-86.	2.1	105
141	Independent component analysis of 2â€Œ electrophoresis gels. Electrophoresis, 2008, 29, 4017-4026.	1.3	13
142	Canonical Correlation Analysis for Feature-Based Fusion of Biomedical Imaging Modalities and Its Application to Detection of Associative Networks in Schizophrenia. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 998-1007.	7.3	120
143	Introduction to the Issue on fMRI Analysis for Human Brain Mapping. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 813-816.	7.3	2
144	On Extending the Complex FastICA Algorithm to Noncircular Sources. IEEE Transactions on Signal Processing, 2008, 56, 2148-2154.	3.2	113

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145	Complex ICA Using Nonlinear Functions. IEEE Transactions on Signal Processing, 2008, 56, 4536-4544.	3.2	163
146	A Class of Complex ICA Algorithms Based on the Kurtosis Cost Function. IEEE Transactions on Neural Networks, 2008, 19, 408-420.	4.8	80
147	Estimating the number of independent components for functional magnetic resonance imaging data. Human Brain Mapping, 2007, 28, 1251-1266.	1.9	795
148	Detection using correlation bound in a linear mixture model. Signal Processing, 2007, 87, 1118-1127.	2.1	8
149	Performance of blind source separation algorithms for fMRI analysis using a group ICA method. Magnetic Resonance Imaging, 2007, 25, 684-694.	1.0	160
150	Unmixing fMRI with independent component analysis. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 79-90.	1.1	260
151	A method for multitask fMRI data fusion applied to schizophrenia. Human Brain Mapping, 2006, 27, 598-610.	1.9	149
152	Partial likelihood for online order selection. Signal Processing, 2005, 85, 917-926.	2.1	0
153	Guest Editorial for Special Issue on Machine Learning for Signal Processing. Journal of Signal Processing Systems, 2004, 37, 171-175.	1.0	0
154	A method for comparing group fMRI data using independent component analysis: application to visual, motor and visuomotor tasks. Magnetic Resonance Imaging, 2004, 22, 1181-1191.	1.0	156
155	A frequency-domain training approach for equalization and noise suppression in discrete multitone systems. Signal Processing, 2004, 84, 327-339.	2.1	0
156	Approximation by Fully Complex Multilayer Perceptrons. Neural Computation, 2003, 15, 1641-1666.	1.3	187
157	Universal approximation of fully complex feed-forward neural networks. , 2002, , .		11
158	Different activation dynamics in multiple neural systems during simulated driving. Human Brain Mapping, 2002, 16, 158-167.	1.9	235
159	Fully Complex Multi-Layer Perceptron Network for Nonlinear Signal Processing. Journal of Signal Processing Systems, 2002, 32, 29-43.	1.0	141
160	A Computerized Simulation for Prostate Needle Biopsy. Simulation and Gaming, 2001, 32, 391-403.	1.2	0
161	A General Probabilistic Formulation for Supervised Neural Classifiers. Journal of Signal Processing Systems, 2000, 26, 141-153.	1.0	5
162	NOx and CO Prediction in Fossil Fuel Plants by Time Delay Neural Networks1. Integrated Computer-Aided Engineering, 1999, 6, 27-40.	2.5	15

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163	On steady-state performance of the fixed-point RLS algorithm. Computers and Electrical Engineering, 1999, 25, 1-16.	3.0	3
164	Quantitative Analysis of MR Brain Image Sequences by Adaptive Self-Organizing Finite Mixtures. Journal of Signal Processing Systems, 1998, 18, 219-239.	1.0	5
165	A blockwise relaxation labeling scheme and its application to edge detection in cardiac MR image sequences. International Journal of Imaging Systems and Technology, 1998, 9, 340-350.	2.7	2
166	Automatic threshold selection using histogram quantization. Journal of Biomedical Optics, 1997, 2, 211.	1.4	15
167	Modeling nuclear reactor core dynamics with recurrent neural networks. Neurocomputing, 1997, 15, 363-381.	3.5	28
168	Canonical piecewise linear network for nonlinear filtering and its application to blind equalization. Signal Processing, 1997, 61, 145-155.	2.1	14