Jitendra Kumar Tugnait

List of Publications by Year
in descending order

248 papers	4,977 citations	109321 35 h-index	149698 56 g-index
251 all docs	251 docs citations	251 times ranked	2086 citing authors

#	ARTICLE	IF	CITATIONS
1	On sparse high-dimensional graphical model learning for dependent time series. Signal Processing, 2022, 197, 108539.	3.7	2
2	Sparse-Group Log-Sum Penalized Graphical Model Learning For Time Series. , 2022, , .		1
3	Graph Learning From Multivariate Dependent Time Series Via A Multi-Attribute Formulation. , 2022, , .		1
4	Sparse-Group Lasso for Graph Learning From Multi-Attribute Data. IEEE Transactions on Signal Processing, 2021, 69, 1771-1786.	5.3	13
5	Corrections to "Sparse-Group Lasso for Graph Learning From Multi-Attribute Data". IEEE Transactions on Signal Processing, 2021, 69, 4758-4758.	5.3	0
6	Sparse Graph Learning Under Laplacian-Related Constraints. IEEE Access, 2021, 9, 151067-151079.	4.2	6
7	Sparse-Group Non-convex Penalized Multi-Attribute Graphical Model Selection. , 2021, , .		0
8	New Results on Graphical Modeling of High-Dimensional Dependent Time Series. , 2021, , .		2
9	Robust QoE-Driven DASH Over OFDMA Networks. IEEE Transactions on Multimedia, 2020, 22, 474-486.	7.2	11
10	Scad-Penalized Complex Gaussian Graphical Model Selection. , 2020, , .		0
11	Deviance Tests for Graph Estimation From Multi-Attribute Gaussian Data. IEEE Transactions on Signal Processing, 2020, 68, 5632-5647.	5.3	1
12	Graph Learning from Multi-Attribute Smooth Signals. , 2020, , .		0
13	Consistency of Sparse-Group Lasso Graphical Model Selection for Time Series. , 2020, , .		4
14	Edge Exclusion Tests for Improper Complex Gaussian Graphical Model Selection. IEEE Transactions on Signal Processing, 2019, 67, 3547-3560.	5.3	2
15	A Data-Cleaning Approach to Robust Multisensor Detection of Improper Signals. IEEE Access, 2019, 7, 124956-124966.	4.2	0
16	On Multisensor Detection of Improper Signals. IEEE Transactions on Signal Processing, 2019, 67, 870-884.	5.3	5
17	Edge Exclusion Tests for Graphical Model Selection: Complex Gaussian Vectors and Time Series. IEEE Transactions on Signal Processing, 2019, 67, 5062-5077.	5.3	9
18	TCP-Drinc: Smart Congestion Control Based on Deep Reinforcement Learning. IEEE Access, 2019, 7, 11892-11904.	4.2	51

#	Article	IF	Citations
19	Robust Spectrum-Based Comparison of Multivariate Complex Random Signals. IEEE Access, 2019, 7, 12521-12528.	4.2	1
20	Graphical Lasso for High-dimensional Complex Gaussian Graphical Model Selection. , 2019, , .		5
21	Multiple Antenna Spectrum Sensing in Colored Noise. , 2019, , 3-31.		1
22	On Sparse Complex Gaussian Graphical Model Selection. , 2019, , .		3
23	Pilot Spoofing Attack Detection and Countermeasure. IEEE Transactions on Communications, 2018, 66, 2093-2106.	7.8	61
24	On Detection and Mitigation of Reused Pilots in Massive MIMO Systems. IEEE Transactions on Communications, 2018, 66, 688-699.	7.8	6
25	Graphical Modeling Of High-Dimensional Time Series. , 2018, , .		6
26	Mitigation of Pilot Spoofing Attack in Frequency Selective Channels. , 2018, , .		0
27	An Edge Exclusion Test for Complex Gaussian Graphical Model Selection. , 2018, , .		4
28	Detection of Pilot Spoofing Attack Over Frequency Selective Channels. , 2018, , .		2
29	On Robust Comparison of Multivariate Complex Random Signals. , 2018, , .		0
30	An edge exclusion test for graphical modeling of multivariate time series. , 2018, , .		5
31	On Testing for Impropriety of Multivariate Complex-Valued Random Sequences. IEEE Transactions on Signal Processing, 2017, 65, 2988-3003.	5.3	8
32	MAQ: A Multiple Model Predictive Congestion Control Scheme for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2017, 16, 2614-2626.	9.2	22
33	Detection and Identification of Spoofed Pilots in TDD/SDMA Systems. IEEE Wireless Communications Letters, 2017, 6, 550-553.	5.0	17
34	On mitigation of pilot spoofing attack. , 2017, , .		11
35	Secure degrees of freedom in cooperativeK-helper MIMO cognitive radio systems. Physical Communication, 2017, 25, 598-609.	2.1	0
36	Multisensor detection of improper signals in improper noise. , 2017, , .		5

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37	On Mitigation of Active Eavesdropping Attack by Spoofing Relay. , 2017, , .		1
38	Detection and mitigation of pilot spoofing attack. , 2017, , .		1
39	Pilot decontamination under imperfect power control. , 2017, , .		1
40	Spectrum-based comparison of multivariate complex random signals of unequal lengths. , 2017, , .		3
41	Multiple Antenna Spectrum Sensing in Colored Noise. , 2017, , 1-28.		1
42	Congestion Control for Infrastructure-Based CRNs: A Multiple Model Predictive Control Approach. , 2016, , .		3
43	QoE-Driven Resource Allocation for DASH over OFDMA Networks. , 2016, , .		12
44	Detection of pilot contamination attack in T.D.D./S.D.M.A. systems. , 2016, , .		10
45	Optimal Multiband Transmission Under Hostile Jamming. IEEE Transactions on Communications, 2016, 64, 4013-4027.	7.8	27
46	Testing for impropriety of multivariate complex random processes. , 2016, , .		3
47	Detection of Active Eavesdropping Attack by Spoofing Relay in Multiple Antenna Systems. IEEE Wireless Communications Letters, 2016, 5, 460-463.	5.0	24
48	Multiantenna spectrum sensing for improper signals over frequency selective channels. , 2016, , .		4
49	Comparing Multivariate Complex Random Signals: Algorithm, Performance Analysis and Application. IEEE Transactions on Signal Processing, 2016, 64, 934-947.	5.3	11
50	Secure Degrees of Freedom in K-Helper MIMO Cognitive Radio Systems with No Eavesdropper CSI. , 2015, , .		0
51	On detection of pilot contamination attack in multiple antenna systems. , 2015, , .		3
52	Self-Contamination for Detection of Pilot Contamination Attack in Multiple Antenna Systems. IEEE Wireless Communications Letters, 2015, 4, 525-528.	5.0	72
53	Secure Degrees of Freedom in Cooperative MIMO Cognitive Radio Systems. IEEE Transactions on Communications, 2015, 63, 4377-4389.	7.8	4
54	Precoder Design for Cognitive Multiuser Multi-Way Relay Systems Using MSE Criterion. Advances in Wireless Technologies and Telecommunication Book Series, 2015, , 567-583.	0.4	0

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55	High‑frequency reverse‑time chaos generation using digital chaotic maps. Electronics Letters, 2014, 50, 1683-1685.	1.0	37
56	Comparing multivariate complex random signals: Performance analysis and application. , 2014, , .		1
57	Secure degrees of freedom in MIMO cognitive radio systems. , 2014, , .		4
58	Channel Estimation, Equalization, Precoding, and Tracking. Academic Press Library in Signal Processing, 2014, 2, 95-133.	0.8	2
59	Using Artificial Noise to Improve Detection Performance For Wireless User Authentication in Time-Variant Channels. IEEE Wireless Communications Letters, 2014, 3, 377-380.	5.0	16
60	Spectrally Efficient Multicarrier Transmission With Message-Driven Subcarrier Selection. IEEE Transactions on Communications, 2014, 62, 2444-2455.	7.8	1
61	Achievable Degrees of Freedom for K-User MIMO Y Channels Using Signal Group Based Alignment. IEEE Transactions on Wireless Communications, 2014, 13, 4520-4533.	9.2	21
62	MSE-Based Source and Relay Precoder Design for Cognitive Multiuser Multi-Way Relay Systems. IEEE Transactions on Signal Processing, 2013, 61, 1770-1785.	5.3	18
63	Further results on multiantenna spectrum sensing in colored noise. , 2013, , .		3
64	On Cyclostationarity Based Spectrum Sensing Under Uncertain Gaussian Noise. IEEE Transactions on Signal Processing, 2013, 61, 2042-2054.	5.3	78
65	Wireless User Authentication via Comparison of Power Spectral Densities. IEEE Journal on Selected Areas in Communications, 2013, 31, 1791-1802.	14.0	76
66	On energy efficient MIMO-assisted spectrum sharing for cognitive radio networks. , 2013, , .		7
67	Signal group based alignment in K-user MIMO Y channel. , 2013, , .		1
68	On precoding for maximum weighted energy efficiency of MIMO cognitive multiple access channels. , 2013, , .		0
69	Time-Varying Channel Estimation Using Two-Dimensional Channel Orthogonalization and Superimposed Training. IEEE Transactions on Signal Processing, 2012, 60, 4439-4443.	5.3	14
70	Joint soft-decision cooperative spectrum sensing and power control in multiband cognitive radios. , 2012, , .		4
71	Cyclic autocorrelation based spectrum sensing in colored Gaussian noise. , 2012, , .		6
72	On comparing multivariate complex random signals. , 2012, , .		2

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73	Interference alignment-like precoder design in multi-pair two-way relay cognitive radio networks. , 2012, , .		3
74	MSE-based source and relay precoder design for cognitive radio multiuser two-way relay systems. , 2012, , .		9
75	On Multiple Antenna Spectrum Sensing Under Noise Variance Uncertainty and Flat Fading. IEEE Transactions on Signal Processing, 2012, 60, 1823-1832.	5.3	45
76	Design and simulation of a high frequency exact solvable chaotic oscillator. , 2012, , .		11
77	Joint Soft-Decision Cooperative Spectrum Sensing and Power Control in Multiband Cognitive Radios. IEEE Transactions on Signal Processing, 2012, 60, 5334-5346.	5.3	24
78	Design of sensing and power allocation strategies for energy-aware multi-channel cognitive radio networks. , 2012, , .		6
79	On cyclic autocorrelation based spectrum sensing for cognitive radio systems in Gaussian noise. , 2011, , .		5
80	Comparing random signals with application to wireless user authentication. , 2011, , .		3
81	Multichannel spectrum sensing via multivariate power spectrum analysis. , 2011, , .		7
82	On autocorrelation-based multiantenna spectrum sensing for cognitive radios in unknown noise. , 2011, , .		5
83	Multiple antenna spectrum sensing for cognitive radios in unknown noise. , 2011, , .		0
84	Spectrally Efficient Jamming Mitigation Based on Code-Controlled Frequency Hopping. IEEE Transactions on Wireless Communications, 2011, 10, 728-732.	9.2	21
85	Spectrum Sensing for Cognitive Radios over Frequency Selective Channels in White Noise. , 2011, , .		3
86	Autocorrelation-based multiantenna spectrum sensing in colored noise. , 2011, , .		0
87	Soft Spectrum Sensing and Power Adaptation in Multiband Cognitive Radios. , 2011, , .		1
88	Multiuser/MIMO Doubly Selective Fading Channel Estimation Using Superimposed Training and Slepian Sequences. IEEE Transactions on Vehicular Technology, 2010, 59, 1341-1354.	6.3	12
89	Doubly Selective Channel Estimation Using Exponential Basis Models and Subblock Tracking. IEEE Transactions on Signal Processing, 2010, 58, 1275-1289.	5.3	94
90	Turbo equalization for doubly-selective fading channels using nonlinear kalman filtering and basis expansion models. IEEE Transactions on Wireless Communications, 2010, 9, 2076-2087.	9.2	29

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91	Wideband spectrum sensing for cognitive radios in unknown noise via power spectrum analysis. , 2010, , .		2
92	A channel-based hypothesis testing approach to enhance user authentication in wireless networks. , 2010, , .		53
93	Iterative (Turbo) equalization for doubly-selective channels using exponential basis expansion models. , 2009, , .		0
94	Recursive least-squares doubly-selective MIMO channel estimation using exponential basis models. , 2009, , .		0
95	Doubly-selective fading channel equalization: A comparison of the Kalman filter approach with the basis expansion model-based equalizers. IEEE Transactions on Wireless Communications, 2009, 8, 60-65.	9.2	16
96	Recursive least-squares decision-directed tracking of doubly-selective channels using exponential basis models. , 2009, , .		2
97	Turbo equalization for doubly-selective MIMO fading channels using exponential basis models. , 2009, , .		0
98	On channel-based user authentication for mobile terminals. , 2009, , .		3
99	Forgetting factor selection in RLS decision-directed tracking of doubly-selective channels. , 2009, , .		0
100	Enhanced Channel Estimation Using Superimposed Training Based on Universal Basis Expansion. IEEE Transactions on Signal Processing, 2009, 57, 1217-1222.	5.3	23
101	Tracking of two targets in clutter with possibly unresolved measurements. IEEE Transactions on Aerospace and Electronic Systems, 2008, 44, 748-765.	4.7	11
102	Doubly-selective mimo channel estimation using exponential basis models and subblock tracking. , 2008, , .		5
103	On Time-Varying FIR Decision Feedback Equalization of Doubly Selective Channels. , 2008, , .		5
104	On Doubly Selective Channel Estimation Using Superimposed Training and Discrete Prolate Spheroidal Sequences. IEEE Transactions on Signal Processing, 2008, 56, 3214-3228.	5.3	40
105	Data Detection for Doubly-Selective MIMO Channels Using Decision-Directed Channel Tracking and Exponential Basis Models. , 2008, , .		1
106	Recursive least-squares doubly-selective channel estimation using exponential basis models and subblock-wise tracking. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	8
107	A multiple model approach to doubly-selective channel estimation using exponential basis models. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
108	Decision-Directed Tracking of Doubly-Selective Channels Using Exponential Basis Models. , 2008, , .		6

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109	Adaptive Channel Estimation in Wireless Communications. , 2008, , 35-70.		0
110	Iterative Joint Channel Estimation and Data Detection Using Superimposed Training: Algorithms and Performance Analysis. IEEE Transactions on Vehicular Technology, 2007, 56, 1873-1880.	6.3	19
111	Doubly-Selective Channel Estimation Using Exponential Basis Models and Subblock Tracking. , 2007, , .		15
112	On Designing Time-Multiplexed Pilots for Doubly-Selective Channel Estimation using Discrete Prolate Spheroidal Basis Expansion Models. , 2007, , .		3
113	Doubly-Selective Multiuser Channel Estimation using Superimposed Training and Discrete Prolate Spheroidal Basis Expansion Models. , 2007, , .		3
114	Doubly-Selective Channel Estimation Using Data-Dependent Superimposed Training and Exponential Basis Models. IEEE Transactions on Wireless Communications, 2007, 6, 3877-3883.	9.2	23
115	Tracking of multiple maneuvering targets using multiscan JPDA and IMM filtering. IEEE Transactions on Aerospace and Electronic Systems, 2007, 43, 23-35.	4.7	49
116	On Superimposed Training for MIMO Channel Estimation and Symbol Detection. IEEE Transactions on Signal Processing, 2007, 55, 3007-3021.	5.3	62
117	Self-Interference Suppression in Doubly-Selective Channel Estimation Using Superimposed Training. , 2007, , .		4
118	On superimposed training for channel estimation: performance analysis, training power allocation, and frame synchronization. IEEE Transactions on Signal Processing, 2006, 54, 752-765.	5.3	63
119	Doubly Selective Channel Estimation Using Superimposed Training and Exponential Bases Models. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	10
120	Blind Space-Time Multiuser Channel Estimation in Time-Varying DS-CDMA Systems. IEEE Transactions on Vehicular Technology, 2006, 55, 207-218.	6.3	8
121	SPC02-3: Doubly-Selective Channel Estimation Using Superimposed Training and Discrete Prolate Spheroidal Basis Models. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
122	Doubly-Selective Channel Estimation Using Data-Dependent Superimposed Training and Exponential Bases Models. , 2006, , .		7
123	On Bias-Variance Trade-Off in Superimposed Training-Based Doubly Selective Channel Estimation. , 2006, , .		7
124	Blind Multiuser Detection for Long-Code CDMA Systems with Transmission-Induced Cyclostationarity. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	6
125	Blind detection of multirate asynchronous CDMA signals using super-exponential methods. IEEE Signal Processing Letters, 2005, 12, 218-221.	3.6	1
126	Multisensor tracking of a maneuvering target in clutter using immpda filtering with simultaneous measurement update. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 1122-1131.	4.7	20

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127	A hypothesis testing approach to blind DS-CDMA user acquisition, identification, and detection via code-constrained successive cancellation. IEEE Transactions on Signal Processing, 2005, 53, 318-332.	5.3	0
128	Tracking of multiple maneuvering targets in clutter using multiple sensors, IMM, and JPDA coupled filtering. IEEE Transactions on Aerospace and Electronic Systems, 2004, 40, 320-330.	4.7	39
129	Blind Multiuser Receiver for Space-Time Coded CDMA Signals in Frequency-Selective Channels. IEEE Transactions on Wireless Communications, 2004, 3, 1770-1780.	9.2	8
130	Blind Multiuser Detection for Code-Hopping DS-CDMA Signals in Asynchronous Multipath Channels. IEEE Transactions on Wireless Communications, 2004, 3, 466-476.	9.2	6
131	Super-Exponential Methods for Blind Detection of Asynchronous CDMA Signals Over Multipath Channels. IEEE Transactions on Wireless Communications, 2004, 3, 1379-1385.	9.2	6
132	Blind Identification of Time-Varying Channels Using Multistep Linear Predictors. IEEE Transactions on Signal Processing, 2004, 52, 1739-1749.	5.3	21
133	A bit-map-assisted dynamic queue protocol for multiaccess wireless networks with multiple packet reception. IEEE Transactions on Signal Processing, 2003, 51, 2068-2081.	5.3	15
134	On channel estimation using superimposed training and first-order statistics. IEEE Communications Letters, 2003, 7, 413-415.	4.1	137
135	Blind detection of multirate asynchronous CDMA signals in multipath channels. IEEE Transactions on Signal Processing, 2002, 50, 2258-2272.	5.3	12
136	Linear prediction error method for blind identification of periodically time-varying channels. IEEE Transactions on Signal Processing, 2002, 50, 3070-3082.	5.3	33
137	A multidelay whitening approach to blind identification and equalization of SIMO channels. IEEE Transactions on Wireless Communications, 2002, 1, 456-467.	9.2	9
138	A multistep linear prediction approach to blind asynchronous CDMA channel estimation and equalization. IEEE Journal on Selected Areas in Communications, 2001, 19, 1090-1102.	14.0	17
139	Blind estimation and equalization of MIMO channels via multidelay whitening. IEEE Journal on Selected Areas in Communications, 2001, 19, 1507-1519.	14.0	58
140	Blind asynchronous multiuser CDMA receivers for ISI channels using code-aided CMA. IEEE Journal on Selected Areas in Communications, 2001, 19, 1520-1530.	14.0	31
141	Blind detection of asynchronous CDMA signals in multipath channels using code-constrained inverse filter criterion. IEEE Transactions on Signal Processing, 2001, 49, 1300-1309.	5.3	44
142	Identification of closed-loop linear systems via cyclic spectral analysis given noisy input-output time-domain data. IEEE Transactions on Automatic Control, 2001, 46, 258-275.	5.7	2
143	Tracking of multiple maneuvering targets in clutter using IMM/JPDA filtering and fixed-lag smoothing. Automatica, 2001, 37, 239-249.	5.0	97
144	On closed-loop system identification using polyspectral analysis given noisy input–output time-domain data. Automatica, 2000, 36, 1795-1808.	5.0	8

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145	Multistep linear predictors-based blind identification and equalization of multiple-input multiple-output channels. IEEE Transactions on Signal Processing, 2000, 48, 26-38.	5.3	58
146	On a whitening approach to partial channel estimation and blind equalization of FIR/IIR multiple-input multiple-output channels. IEEE Transactions on Signal Processing, 2000, 48, 832-845.	5.3	37
147	Closed-loop linear model validation and order estimation using polyspectral analysis. IEEE Transactions on Signal Processing, 2000, 48, 1965-1974.	5.3	3
148	Blind identifiability of FIR-MIMO systems with colored input using second order statistics. IEEE Signal Processing Letters, 2000, 7, 348-350.	3.6	56
149	Interacting multiple model fixed-lag smoothing algorithm for Markovian switching systems. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 243-250.	4.7	48
150	Multisensor tracking of a maneuvering target in clutter using IMMPDA fixed-lag smoothing. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 983-991.	4.7	28
151	Adaptive blind separation of convolutive mixtures of independent linear signals. Signal Processing, 1999, 73, 139-152.	3.7	39
152	Model validation and order selection for linear model fitting using thirdand fourth-order cumulants. IEEE Transactions on Signal Processing, 1999, 47, 2433-2443.	5.3	2
153	Second-order statistics-based blind equalization of IIR single-input multiple-output channels with common zeros. IEEE Transactions on Signal Processing, 1999, 47, 147-157.	5.3	15
154	Multistep linear predictors-based blind equalization of FIR/IIR single-input multiple-output channels with common zeros. IEEE Transactions on Signal Processing, 1999, 47, 1689-1700.	5.3	26
155	Identification of linear systems via spectral analysis given time-domain data: consistency, reduced-order approximation, and performance analysis. IEEE Transactions on Automatic Control, 1998, 43, 1354-1373.	5.7	15
156	Stability of multivariable least-squares models: a solution via spectral analysis. IEEE Signal Processing Letters, 1998, 5, 150-152.	3.6	0
157	Highlights of statistical signal and array processing. IEEE Signal Processing Magazine, 1998, 15, 21-64.	5.6	52
158	Identification of multivariable stochastic linear systems via spectral analysis given time-domain data. IEEE Transactions on Signal Processing, 1998, 46, 1458-1463.	5.3	5
159	On blind separation of convolutive mixtures of independent linear signals in unknown additive noise. IEEE Transactions on Signal Processing, 1998, 46, 3117-3123.	5.3	19
160	On linear predictors for MIMO channels and related blind identification and equalization. IEEE Signal Processing Letters, 1998, 5, 289-291.	3.6	29
161	Parametric identification of closed-loop linear systems using cyclic-spectral analysis. , 1998, , .		11
162	Identification of multivariable stochastic linear systems via polyspectral analysis given noisy input-output time-domain data. IEEE Transactions on Automatic Control, 1998, 43, 1084-1100.	5.7	9

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163	Closed-loop linear model validation and order estimation using cyclic-spectral analysis. , 1998, , .		1
164	Second-order statistics-based blind equalization of FIR/IIR multiple-input multiple-output channels with common zeros. , 1998, 3461, 35.		0
165	Blind spatio-temporal equalization and impulse response estimation for MIMO channels using a Godard cost function. IEEE Transactions on Signal Processing, 1997, 45, 268-271.	5.3	105
166	Identification and deconvolution of multichannel linear non-Gaussian processes using higher order statistics and inverse filter criteria. IEEE Transactions on Signal Processing, 1997, 45, 658-672.	5.3	225
167	Fitting MA models to linear non-Gaussian random fields using higher order cumulants. IEEE Transactions on Signal Processing, 1997, 45, 1045-1050.	5.3	16
168	Blind equalization and channel estimation with partial response input signals. IEEE Transactions on Communications, 1997, 45, 1025-1031.	7.8	14
169	On fractionally spaced blind adaptive equalization under symbol timing offsets using Godard and related equalizers. IEEE Transactions on Signal Processing, 1996, 44, 1817-1821.	5.3	2
170	Detection of random signals by integrated polyspectral analysis. IEEE Transactions on Signal Processing, 1996, 44, 2102-2108.	5.3	6
171	<title>Spatiotemporal signal processing for blind separation of multichannel signals</title>. , 1996, , .		9
172	Blind equalization and estimation of FIR communications channels using fractional sampling. IEEE Transactions on Communications, 1996, 44, 324-336.	7.8	31
173	Blind channel estimation and deconvolution in colored noise using higher-order cumulants. Journal of the Franklin Institute, 1996, 333, 311-337.	3.4	7
174	Nonparametric bispectrum-based time delay estimation for bandlimited signals. Electronics Letters, 1995, 31, 1634-1635.	1.0	2
175	Techniques in Stochastic System Identification with Noisy Input & Output System Measurements. Control and Dynamic Systems, 1995, , 41-88.	0.1	2
176	On blind identifiability of multipath channels using fractional sampling and second-order cyclostationary statistics. IEEE Transactions on Information Theory, 1995, 41, 308-311.	2.4	72
177	An improved test for linear model validation and order selection using higher order statistics. IEEE Signal Processing Letters, 1995, 2, 123-125.	3.6	6
178	Parameter estimation for noncausal ARMA models of non-Gaussian signals via cumulant matching. IEEE Transactions on Signal Processing, 1995, 43, 886-893.	5.3	9
179	On parameter identifiability of ARMA models of non-Gaussian signals via cumulant spectrum matching. IEEE Transactions on Signal Processing, 1995, 43, 3065-3066.	5.3	3
180	Parameter identifiability of multichannel ARMA models of linear non-Gaussian signals via cumulant matching. IEEE Transactions on Signal Processing, 1995, 43, 3067-3069.	5.3	5

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181	Corrections to "Detection of Non-Gaussian Signals Using Integrated Polyspectrum". IEEE Transactions on Signal Processing, 1995, 43, 2792.	5.3	4
182	Improved parameter estimation with noisy data for linear models using higher order statistics and inverse filter criteria. IEEE Signal Processing Letters, 1995, 2, 63-65.	3.6	7
183	Stochastic system identification with noisy input-output measurements using polyspectra. IEEE Transactions on Automatic Control, 1995, 40, 670-683.	5.7	44
184	Blind equalization and estimation of digital communication FIR channels using cumulant matching. IEEE Transactions on Communications, 1995, 43, 1240-1245.	7.8	45
185	Linear model validation and order selection using higher order statistics. IEEE Transactions on Signal Processing, 1994, 42, 1728-1736.	5.3	26
186	Testing for linearity of noisy stationary signals. IEEE Transactions on Signal Processing, 1994, 42, 2742-2748.	5.3	10
187	Detection of non-Gaussian signals using integrated polyspectrum. IEEE Transactions on Signal Processing, 1994, 42, 3137-3149.	5.3	77
188	Estimation of linear parametric models of nonGaussian discrete random fields with application to texture synthesis. IEEE Transactions on Image Processing, 1994, 3, 109-127.	9.8	39
189	Blind estimation of digital communication channel impulse response. IEEE Transactions on Communications, 1994, 42, 1606-1616.	7.8	17
190	<title>Blind channel estimation and deconvolution in colored noise using higher-order cumulants</title>. , 1994, 2296, 106.		1
191	Globally convergent adaptive blind filters and blind equalisers for mixed-phase channels. IET Communications, 1994, 141, 390.	1.0	0
192	Time delay estimation with unknown spatially correlated Gaussian noise. IEEE Transactions on Signal Processing, 1993, 41, 549-558.	5.3	56
193	Estimation of linear parametric models using inverse filter criteria and higher order statistics. IEEE Transactions on Signal Processing, 1993, 41, 3196-3199.	5.3	30
194	<title>Detection of non-Gaussian signals using integrated polyspectrum</title>. , 1993, , .		0
195	Stochastic system identification with noisy input using cumulant statistics. IEEE Transactions on Automatic Control, 1992, 37, 476-485.	5.7	69
196	Counterexamples to 'On estimating noncausal nonminimum phase ARMA models of non-Gaussian processes' (and reply). IEEE Transactions on Signal Processing, 1992, 40, 1011-1015.	5.3	5
197	Comments on "New criteria for blind deconvolution of nonminimum phase systems (channels)" [with reply]. IEEE Transactions on Information Theory, 1992, 38, 210-213.	2.4	28
198	Signal reconstruction from multiple correlations: frequency- and time-domain approaches: comment. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1991, 8, 452.	1.5	2

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199	On time delay estimation with unknown spatially correlated Gaussian noise using fourth-order cumulants and cross cumulants. IEEE Transactions on Signal Processing, 1991, 39, 1258-1267.	5.3	50
200	<title>Estimation of linear parametric models of non-Gaussian discrete random fields</title>. , 1991, 1452, 204.		14
201	<title>Adaptive filters and blind equalizers for mixed-phase channels</title>. , 1991, , .		1
202	Approaches of FIR system identification with noisy data using higher order statistics. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1307-1317.	2.0	108
203	Consistent order selection for noncausal autoregressive models via higher-order statistics. Automatica, 1990, 26, 311-320.	5.0	20
204	Consistent parameter estimation for non-causal autoregressive models via higher-order statistics. Automatica, 1990, 26, 51-61.	5.0	31
205	Subsurface imaging using reversed vertical seismic profiling and crosshole tomographic methods. Geophysics, 1990, 55, 1478-1487.	2.6	43
206	Comments, with reply, on 'Cumulants: a powerful tool in signal processing' by G.B. Giannakis. Proceedings of the IEEE, 1989, 77, 491-492.	21.3	3
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