

Jitendra Kumar Tugnait

List of Publications by Year in descending order

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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	Detection and estimation for abruptly changing systems. Automatica, 1982, 18, 607-615.	5.0	236
2	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
3	Identification of linear stochastic systems via second- and fourth-order cumulant matching. IEEE Transactions on Information Theory, 1987, 33, 393-407.	2.4	206
4	Adaptive estimation and identification for discrete systems with Markov jump parameters. IEEE Transactions on Automatic Control, 1982, 27, 1054-1065.	5.7	162
5	On channel estimation using superimposed training and first-order statistics. IEEE Communications Letters, 2003, 7, 413-415.	4.1	137
6	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
7	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
8	Detection and estimation for abruptly changing systems. , 1981, , .		103
9	Tracking of multiple maneuvering targets in clutter using IMM/JPDA filtering and fixed-lag smoothing. Automatica, 2001, 37, 239-249.	5.0	97
10	Doubly Selective Channel Estimation Using Exponential Basis Models and Subblock Tracking. IEEE Transactions on Signal Processing, 2010, 58, 1275-1289.	5.3	94
11	On Cyclostationarity Based Spectrum Sensing Under Uncertain Gaussian Noise. IEEE Transactions on Signal Processing, 2013, 61, 2042-2054.	5.3	78
12	Detection of non-Gaussian signals using integrated polyspectrum. IEEE Transactions on Signal Processing, 1994, 42, 3137-3149.	5.3	77
13	Identification of non-minimum phase linear stochastic systems. Automatica, 1986, 22, 457-464.	5.0	76
14	Wireless User Authentication via Comparison of Power Spectral Densities. IEEE Journal on Selected Areas in Communications, 2013, 31, 1791-1802.	14.0	76
15	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
16	Self-Contamination for Detection of Pilot Contamination Attack in Multiple Antenna Systems. IEEE Wireless Communications Letters, 2015, 4, 525-528.	5.0	72
17	Stochastic system identification with noisy input using cumulant statistics. IEEE Transactions on Automatic Control, 1992, 37, 476-485.	5.7	69
18	A detection-estimation scheme for state estimation in switching environments. Automatica, 1979, 15, 477-481.	5.0	67

#	ARTICLE	IF	CITATIONS
19	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
20	On Superimposed Training for MIMO Channel Estimation and Symbol Detection. IEEE Transactions on Signal Processing, 2007, 55, 3007-3021.	5.3	62
21	Pilot Spoofing Attack Detection and Countermeasure. IEEE Transactions on Communications, 2018, 66, 2093-2106.	7.8	61
22	Stability of optimum linear estimators of stochastic signals in white multiplicative noise. IEEE Transactions on Automatic Control, 1981, 26, 757-761.	5.7	60
23	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
24	Blind estimation and equalization of MIMO channels via multidelay whitening. IEEE Journal on Selected Areas in Communications, 2001, 19, 1507-1519.	14.0	58
25	Time delay estimation with unknown spatially correlated Gaussian noise. IEEE Transactions on Signal Processing, 1993, 41, 549-558.	5.3	56
26	Blind identifiability of FIR-MIMO systems with colored input using second order statistics. IEEE Signal Processing Letters, 2000, 7, 348-350.	3.6	56
27	A channel-based hypothesis testing approach to enhance user authentication in wireless networks. , 2010, , .		53
28	Highlights of statistical signal and array processing. IEEE Signal Processing Magazine, 1998, 15, 21-64.	5.6	52
29	TCP-Drinc: Smart Congestion Control Based on Deep Reinforcement Learning. IEEE Access, 2019, 7, 11892-11904.	4.2	51
30	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
31	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
32	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
33	Blind equalization and estimation of digital communication FIR channels using cumulant matching. IEEE Transactions on Communications, 1995, 43, 1240-1245.	7.8	45
34	On Multiple Antenna Spectrum Sensing Under Noise Variance Uncertainty and Flat Fading. IEEE Transactions on Signal Processing, 2012, 60, 1823-1832.	5.3	45
35	Stochastic system identification with noisy input-output measurements using polyspectra. IEEE Transactions on Automatic Control, 1995, 40, 670-683.	5.7	44
36	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

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37	Subsurface imaging using reversed vertical seismic profiling and crosshole tomographic methods. <i>Geophysics</i> , 1990, 55, 1478-1487.	2.6	43
38	Fitting noncausal autoregressive signal plus noise models to noisy non-Gaussian linear processes. <i>IEEE Transactions on Automatic Control</i> , 1987, 32, 547-552.	5.7	41
39	On Doubly Selective Channel Estimation Using Superimposed Training and Discrete Prolate Spheroidal Sequences. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 3214-3228.	5.3	40
40	Estimation of linear parametric models of nonGaussian discrete random fields with application to texture synthesis. <i>IEEE Transactions on Image Processing</i> , 1994, 3, 109-127.	9.8	39
41	Adaptive blind separation of convolutive mixtures of independent linear signals. <i>Signal Processing</i> , 1999, 73, 139-152.	3.7	39
42	Tracking of multiple maneuvering targets in clutter using multiple sensors, IMM, and JPDA coupled filtering. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2004, 40, 320-330.	4.7	39
43	On a whitening approach to partial channel estimation and blind equalization of FIR/IIR multiple-input multiple-output channels. <i>IEEE Transactions on Signal Processing</i> , 2000, 48, 832-845.	5.3	37
44	High-frequency reverse-time chaos generation using digital chaotic maps. <i>Electronics Letters</i> , 2014, 50, 1683-1685.	1.0	37
45	Detection and Estimation with Fixed Lag for Abruptly Changing Systems. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1983, AES-19, 730-739.	4.7	36
46	Linear prediction error method for blind identification of periodically time-varying channels. <i>IEEE Transactions on Signal Processing</i> , 2002, 50, 3070-3082.	5.3	33
47	Consistent parameter estimation for non-causal autoregressive models via higher-order statistics. <i>Automatica</i> , 1990, 26, 51-61.	5.0	31
48	Blind equalization and estimation of FIR communications channels using fractional sampling. <i>IEEE Transactions on Communications</i> , 1996, 44, 324-336.	7.8	31
49	Blind asynchronous multiuser CDMA receivers for ISI channels using code-aided CMA. <i>IEEE Journal on Selected Areas in Communications</i> , 2001, 19, 1520-1530.	14.0	31
50	Estimation of linear parametric models using inverse filter criteria and higher order statistics. <i>IEEE Transactions on Signal Processing</i> , 1993, 41, 3196-3199.	5.3	30
51	On linear predictors for MIMO channels and related blind identification and equalization. <i>IEEE Signal Processing Letters</i> , 1998, 5, 289-291.	3.6	29
52	Turbo equalization for doubly-selective fading channels using nonlinear kalman filtering and basis expansion models. <i>IEEE Transactions on Wireless Communications</i> , 2010, 9, 2076-2087.	9.2	29
53	Comments on "New criteria for blind deconvolution of nonminimum phase systems (channels)" [with reply]. <i>IEEE Transactions on Information Theory</i> , 1992, 38, 210-213.	2.4	28
54	Multisensor tracking of a maneuvering target in clutter using IMM/PDA fixed-lag smoothing. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000, 36, 983-991.	4.7	28

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55	Optimal Multiband Transmission Under Hostile Jamming. IEEE Transactions on Communications, 2016, 64, 4013-4027.	7.8	27
56	Linear model validation and order selection using higher order statistics. IEEE Transactions on Signal Processing, 1994, 42, 1728-1736.	5.3	26
57	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
58	Recovering the poles from third-order cumulants of system output. IEEE Transactions on Automatic Control, 1989, 34, 1085-1089.	5.7	25
59	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
60	Detection of Active Eavesdropping Attack by Spoofing Relay in Multiple Antenna Systems. IEEE Wireless Communications Letters, 2016, 5, 460-463.	5.0	24
61	Adaptive estimation in linear systems with unknown Markovian noise statistics. IEEE Transactions on Information Theory, 1980, 26, 66-78.	2.4	23
62	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
63	Enhanced Channel Estimation Using Superimposed Training Based on Universal Basis Expansion. IEEE Transactions on Signal Processing, 2009, 57, 1217-1222.	5.3	23
64	Recursive parameter estimation for noisy autoregressive signals (Corresp.). IEEE Transactions on Information Theory, 1986, 32, 426-430.	2.4	22
65	MAQ: A Multiple Model Predictive Congestion Control Scheme for Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2017, 16, 2614-2626.	9.2	22
66	Blind Identification of Time-Varying Channels Using Multistep Linear Predictors. IEEE Transactions on Signal Processing, 2004, 52, 1739-1749.	5.3	21
67	Spectrally Efficient Jamming Mitigation Based on Code-Controlled Frequency Hopping. IEEE Transactions on Wireless Communications, 2011, 10, 728-732.	9.2	21
68	Achievable Degrees of Freedom for $\langle \text{inline-formula} \rangle$ $\langle \text{tex-math notation="TeX"} \rangle \langle \text{tex-math} \rangle \langle \text{inline-formula} \rangle$ -User MIMO Channels Using Signal Group Based Alignment. IEEE Transactions on Wireless Communications, 2014, 13, 4520-4533.	9.2	21
69	Consistent order selection for noncausal autoregressive models via higher-order statistics. Automatica, 1990, 26, 311-320.	5.0	20
70	Multisensor tracking of a maneuvering target in clutter using impdda filtering with simultaneous measurement update. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 1122-1131.	4.7	20
71	Modeling and identification of symmetric noncausal impulse responses. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1986, 34, 1171-1181.	2.0	19
72	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

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73	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
74	Constrained signal restoration via iterated extended Kalman filtering. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1985, 33, 472-475.	2.0	18
75	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
76	Blind estimation of digital communication channel impulse response. IEEE Transactions on Communications, 1994, 42, 1606-1616.	7.8	17
77	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
78	Detection and Identification of Spoofed Pilots in TDD/SDMA Systems. IEEE Wireless Communications Letters, 2017, 6, 550-553.	5.0	17
79	Order reduction of SISO nonminimum-phase stochastic systems. IEEE Transactions on Automatic Control, 1986, 31, 623-632.	5.7	16
80	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
81	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
82	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
83	State estimation under uncertain observations with unknown statistics. IEEE Transactions on Automatic Control, 1979, 24, 201-210.	5.7	15
84	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
85	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
86	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
87	Doubly-Selective Channel Estimation Using Exponential Basis Models and Subblock Tracking. , 2007, , .		15
88	Asymptotic stability of the MMSE linear filter for systems with uncertain observations (Corresp.). IEEE Transactions on Information Theory, 1981, 27, 247-250.	2.4	14
89	<title>Estimation of linear parametric models of non-Gaussian discrete random fields</title> ., 1991, 1452, 204.		14
90	Blind equalization and channel estimation with partial response input signals. IEEE Transactions on Communications, 1997, 45, 1025-1031.	7.8	14

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91	Time-Varying Channel Estimation Using Two-Dimensional Channel Orthogonalization and Superimposed Training. IEEE Transactions on Signal Processing, 2012, 60, 4439-4443.	5.3	14
92	Control of Stochastic Systems with Markov Interrupted Observations. IEEE Transactions on Aerospace and Electronic Systems, 1983, AES-19, 232-239.	4.7	13
93	Sparse-Group Lasso for Graph Learning From Multi-Attribute Data. IEEE Transactions on Signal Processing, 2021, 69, 1771-1786.	5.3	13
94	Recovering the Poles from Fourth-Order Cumulants of System Output. , 1988, , .		13
95	Blind detection of multirate asynchronous CDMA signals in multipath channels. IEEE Transactions on Signal Processing, 2002, 50, 2258-2272.	5.3	12
96	Multuser/MIMO Doubly Selective Fading Channel Estimation Using Superimposed Training and Slepian Sequences. IEEE Transactions on Vehicular Technology, 2010, 59, 1341-1354.	6.3	12
97	QoE-Driven Resource Allocation for DASH over OFDMA Networks. , 2016, , .		12
98	Parametric identification of closed-loop linear systems using cyclic-spectral analysis. , 1998, , .		11
99	Tracking of two targets in clutter with possibly unresolved measurements. IEEE Transactions on Aerospace and Electronic Systems, 2008, 44, 748-765.	4.7	11
100	Design and simulation of a high frequency exact solvable chaotic oscillator. , 2012, , .		11
101	Comparing Multivariate Complex Random Signals: Algorithm, Performance Analysis and Application. IEEE Transactions on Signal Processing, 2016, 64, 934-947.	5.3	11
102	On mitigation of pilot spoofing attack. , 2017, , .		11
103	Robust QoE-Driven DASH Over OFDMA Networks. IEEE Transactions on Multimedia, 2020, 22, 474-486.	7.2	11
104	Comments on "State Estimation for Discrete Systems with Switching Parameters. IEEE Transactions on Aerospace and Electronic Systems, 1979, AES-15, 464-464.	4.7	10
105	Testing for linearity of noisy stationary signals. IEEE Transactions on Signal Processing, 1994, 42, 2742-2748.	5.3	10
106	Doubly Selective Channel Estimation Using Superimposed Training and Exponential Bases Models. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	10
107	Detection of pilot contamination attack in T.D.D./S.D.M.A. systems. , 2016, , .		10
108	Convergence analysis of partitioned adaptive estimators under continuous parameter uncertainty. IEEE Transactions on Automatic Control, 1980, 25, 569-573.	5.7	9

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109	Identification and model approximation for continuous-time systems on finite parameter sets. IEEE Transactions on Automatic Control, 1980, 25, 1202-1206.	5.7	9
110	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
111	<title>Spatiotemporal signal processing for blind separation of multichannel signals</title>. , 1996, , .		9
112	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
113	A multidelay whitening approach to blind identification and equalization of SIMO channels. IEEE Transactions on Wireless Communications, 2002, 1, 456-467.	9.2	9
114	MSE-based source and relay precoder design for cognitive radio multiuser two-way relay systems. , 2012, , .		9
115	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
116	Global identification of continuous-time-systems with unknown noise covariance (Corresp.). IEEE Transactions on Information Theory, 1982, 28, 531-536.	2.4	8
117	On identification and adaptive estimation for systems with interrupted observations. Automatica, 1983, 19, 61-73.	5.0	8
118	Continuous-time system identification on compact parameter sets. IEEE Transactions on Information Theory, 1985, 31, 652-659.	2.4	8
119	On closed-loop system identification using polyspectral analysis given noisy inputâ€“output time-domain data. Automatica, 2000, 36, 1795-1808.	5.0	8
120	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
121	Blind Space-Time Multiuser Channel Estimation in Time-Varying DS-CDMA Systems. IEEE Transactions on Vehicular Technology, 2006, 55, 207-218.	6.3	8
122	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
123	On Testing for Improprity of Multivariate Complex-Valued Random Sequences. IEEE Transactions on Signal Processing, 2017, 65, 2988-3003.	5.3	8
124	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
125	Blind channel estimation and deconvolution in colored noise using higher-order cumulants. Journal of the Franklin Institute, 1996, 333, 311-337.	3.4	7
126	Doubly-Selective Channel Estimation Using Data-Dependent Superimposed Training and Exponential Bases Models. , 2006, , .		7

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127	On Bias-Variance Trade-Off in Superimposed Training-Based Doubly Selective Channel Estimation. , 2006, , .		7
128	Multichannel spectrum sensing via multivariate power spectrum analysis. , 2011, , .		7
129	On energy efficient MIMO-assisted spectrum sharing for cognitive radio networks. , 2013, , .		7
130	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
131	Detection of random signals by integrated polyspectral analysis. IEEE Transactions on Signal Processing, 1996, 44, 2102-2108.	5.3	6
132	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
133	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
134	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
135	Decision-Directed Tracking of Doubly-Selective Channels Using Exponential Basis Models. , 2008, , .		6
136	Cyclic autocorrelation based spectrum sensing in colored Gaussian noise. , 2012, , .		6
137	Design of sensing and power allocation strategies for energy-aware multi-channel cognitive radio networks. , 2012, , .		6
138	On Detection and Mitigation of Reused Pilots in Massive MIMO Systems. IEEE Transactions on Communications, 2018, 66, 688-699.	7.8	6
139	Graphical Modeling Of High-Dimensional Time Series. , 2018, , .		6
140	Sparse Graph Learning Under Laplacian-Related Constraints. IEEE Access, 2021, 9, 151067-151079.	4.2	6
141	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
142	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
143	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
144	Doubly-selective mimo channel estimation using exponential basis models and subblock tracking. , 2008, , .		5

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145	On Time-Varying FIR Decision Feedback Equalization of Doubly Selective Channels. , 2008, , .		5
146	On cyclic autocorrelation based spectrum sensing for cognitive radio systems in Gaussian noise. , 2011, , .		5
147	On autocorrelation-based multiantenna spectrum sensing for cognitive radios in unknown noise. , 2011, , .		5
148	Multisensor detection of improper signals in improper noise. , 2017, , .		5
149	An edge exclusion test for graphical modeling of multivariate time series. , 2018, , .		5
150	On Multisensor Detection of Improper Signals. IEEE Transactions on Signal Processing, 2019, 67, 870-884.	5.3	5
151	Graphical Lasso for High-dimensional Complex Gaussian Graphical Model Selection. , 2019, , .		5
152	On state estimation for linear discrete-time systems with unknown noise covariances. IEEE Transactions on Automatic Control, 1979, 24, 337-340.	5.7	4
153	Parameter estimation and linear system identification with randomly interrupted observations (Corresp.). IEEE Transactions on Information Theory, 1983, 29, 164-168.	2.4	4
154	Corrections to "Detection of Non-Gaussian Signals Using Integrated Polyspectrum". IEEE Transactions on Signal Processing, 1995, 43, 2792.	5.3	4
155	Self-Interference Suppression in Doubly-Selective Channel Estimation Using Superimposed Training. , 2007, , .		4
156	Joint soft-decision cooperative spectrum sensing and power control in multiband cognitive radios. , 2012, , .		4
157	Secure degrees of freedom in MIMO cognitive radio systems. , 2014, , .		4
158	Secure Degrees of Freedom in Cooperative MIMO Cognitive Radio Systems. IEEE Transactions on Communications, 2015, 63, 4377-4389.	7.8	4
159	Multiantenna spectrum sensing for improper signals over frequency selective channels. , 2016, , .		4
160	An Edge Exclusion Test for Complex Gaussian Graphical Model Selection. , 2018, , .		4
161	Consistency of Sparse-Group Lasso Graphical Model Selection for Time Series. , 2020, , .		4
162	Continuous-time stochastic model simplification. IEEE Transactions on Automatic Control, 1982, 27, 993-996.	5.7	3

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163	ARMA spectral estimation for noisy signals observed through a linear system. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1985, 33, 160-163.	2.0	3
164	Constrained signal restoration via iterated extended Kalman filtering. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1985, 33, 331-334.	2.0	3
165	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
166	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
167	Closed-loop linear model validation and order estimation using polyspectral analysis. IEEE Transactions on Signal Processing, 2000, 48, 1965-1974.	5.3	3
168	SPC02-3: Doubly-Selective Channel Estimation Using Superimposed Training and Discrete Prolate Spheroidal Basis Models. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
169	On Designing Time-Multiplexed Pilots for Doubly-Selective Channel Estimation using Discrete Prolate Spheroidal Basis Expansion Models. , 2007, , .		3
170	Doubly-Selective Multiuser Channel Estimation using Superimposed Training and Discrete Prolate Spheroidal Basis Expansion Models. , 2007, , .		3
171	On channel-based user authentication for mobile terminals. , 2009, , .		3
172	Comparing random signals with application to wireless user authentication. , 2011, , .		3
173	Spectrum Sensing for Cognitive Radios over Frequency Selective Channels in White Noise. , 2011, , .		3
174	Interference alignment-like precoder design in multi-pair two-way relay cognitive radio networks. , 2012, , .		3
175	Further results on multiantenna spectrum sensing in colored noise. , 2013, , .		3
176	On detection of pilot contamination attack in multiple antenna systems. , 2015, , .		3
177	Congestion Control for Infrastructure-Based CRNs: A Multiple Model Predictive Control Approach. , 2016, , .		3
178	Testing for impropriety of multivariate complex random processes. , 2016, , .		3
179	Spectrum-based comparison of multivariate complex random signals of unequal lengths. , 2017, , .		3
180	On Sparse Complex Gaussian Graphical Model Selection. , 2019, , .		3

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181	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
182	Nonparametric bispectrum-based time delay estimation for bandlimited signals. Electronics Letters, 1995, 31, 1634-1635.	1.0	2
183	Techniques in Stochastic System Identification with Noisy Input & Output System Measurements. Control and Dynamic Systems, 1995, , 41-88.	0.1	2
184	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
185	Model validation and order selection for linear model fitting using third and fourth-order cumulants. IEEE Transactions on Signal Processing, 1999, 47, 2433-2443.	5.3	2
186	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
187	Performance Analysis and Training Power Allocation for Channel Estimation Using Superimposed Training. , 0, , .		2
188	Recursive least-squares decision-directed tracking of doubly-selective channels using exponential basis models. , 2009, , .		2
189	Wideband spectrum sensing for cognitive radios in unknown noise via power spectrum analysis. , 2010, , .		2
190	On comparing multivariate complex random signals. , 2012, , .		2
191	Channel Estimation, Equalization, Precoding, and Tracking. Academic Press Library in Signal Processing, 2014, 2, 95-133.	0.8	2
192	Detection of Pilot Spoofing Attack Over Frequency Selective Channels. , 2018, , .		2
193	Edge Exclusion Tests for Improper Complex Gaussian Graphical Model Selection. IEEE Transactions on Signal Processing, 2019, 67, 3547-3560.	5.3	2
194	On sparse high-dimensional graphical model learning for dependent time series. Signal Processing, 2022, 197, 108539.	3.7	2
195	New Results on Graphical Modeling of High-Dimensional Dependent Time Series. , 2021, , .		2
196	Adaptive Radar Detection with Asymptotically Regulated False-Alarm Rate. IEEE Transactions on Aerospace and Electronic Systems, 1977, AES-13, 390-394.	4.7	1
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