Petre Stoica

List of Publications by Year
in descending order

193 papers	11,794 citations	44069 48 h-index	30087 103 g-index
194 all docs	194 docs citations	194 times ranked	5366 citing authors

#	Article	IF	Citations
1	MIMO Radar with Colocated Antennas. IEEE Signal Processing Magazine, 2007, 24, 106-114.	5.6	1,973
2	On Parameter Identifiability of MIMO Radar. IEEE Signal Processing Letters, 2007, 14, 968-971.	3.6	511
3	Source Localization and Sensing: A Nonparametric Iterative Adaptive Approach Based on Weighted Least Squares. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 425-443.	4.7	481
4	Exact and Approximate Solutions of Source Localization Problems. IEEE Transactions on Signal Processing, 2008, 56, 1770-1778.	5.3	467
5	SPICE: A Sparse Covariance-Based Estimation Method for Array Processing. IEEE Transactions on Signal Processing, 2011, 59, 629-638.	5.3	439
6	Waveform Synthesis for Diversity-Based Transmit Beampattern Design. IEEE Transactions on Signal Processing, 2008, 56, 2593-2598.	5.3	265
7	Signal Synthesis and Receiver Design for MIMO Radar Imaging. IEEE Transactions on Signal Processing, 2008, 56, 3959-3968.	5.3	257
8	Sparse Learning via Iterative Minimization With Application to MIMO Radar Imaging. IEEE Transactions on Signal Processing, 2011, 59, 1088-1101.	5.3	233
9	Fully Automatic Computation of Diagonal Loading Levels for Robust Adaptive Beamforming. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 449-458.	4.7	231
10	Multistatic Adaptive Microwave Imaging for Early Breast Cancer Detection. IEEE Transactions on Biomedical Engineering, 2006, 53, 1647-1657.	4.2	213
11	Iterative Adaptive Approaches to MIMO Radar Imaging. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 5-20.	10.8	212
12	New Method of Sparse Parameter Estimation in Separable Models and Its Use for Spectral Analysis of Irregularly Sampled Data. IEEE Transactions on Signal Processing, 2011, 59, 35-47.	5.3	202
13	On Using a priori Knowledge in Space-Time Adaptive Processing. IEEE Transactions on Signal Processing, 2008, 56, 2598-2602.	5.3	199
14	Vandermonde Decomposition of Multilevel Toeplitz Matrices With Application to Multidimensional Super-Resolution. IEEE Transactions on Information Theory, 2016, 62, 3685-3701.	2.4	182
15	A robust methodology for in vivo T_1 mapping. Magnetic Resonance in Medicine, 2010, 64, 1057-1067.	3.0	175
16	Instrumental variable methods for system identification. Circuits, Systems, and Signal Processing, 2002, 21, 1-9.	2.0	170
17	Designing Unimodular Codes Via Quadratic Optimization. IEEE Transactions on Signal Processing, 2014, 62, 1221-1234.	5.3	153
18	Lecture Notes - Source Localization from Range-Difference Measurements. IEEE Signal Processing Magazine, 2006, 23, 63-66.	5.6	148

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19	On Estimation of Covariance Matrices With Kronecker Product Structure. IEEE Transactions on Signal Processing, 2008, 56, 478-491.	5.3	147
20	Instrumental-variable methods for identification of Hammerstein systems. International Journal of Control, 1982, 35, 459-476.	1.9	145
21	SPICE and LIKES: Two hyperparameter-free methods for sparse-parameter estimation. Signal Processing, 2012, 92, 1580-1590.	3.7	144
22	Sparsity constrained deconvolution approaches for acoustic source mapping. Journal of the Acoustical Society of America, 2008, 123, 2631-2642.	1.1	135
23	List of references on spectral line analysis. Signal Processing, 1993, 31, 329-340.	3.7	129
24	Computational Design of Sequences With Good Correlation Properties. IEEE Transactions on Signal Processing, 2012, 60, 2180-2193.	5.3	118
25	Transmit codes and receive filters for radar. IEEE Signal Processing Magazine, 2008, 25, 94-109.	5.6	113
26	Multi-pitch estimation. Signal Processing, 2008, 88, 972-983.	3.7	107
27	Model-structure selection by cross-validation. International Journal of Control, 1986, 43, 1841-1878.	1.9	101
28	On reparametrization of loss functions used in estimation and the invariance principle. Signal Processing, 1989, 17, 383-387.	3.7	101
29	Bias correction in least-squares identification. International Journal of Control, 1982, 35, 449-457.	1.9	100
30	Joint Design of the Receive Filter and Transmit Sequence for Active Sensing. IEEE Signal Processing Letters, 2013, 20, 423-426.	3.6	98
31	Weighted SPICE: A unifying approach for hyperparameter-free sparse estimation. , 2014, 33, 1-12.		97
32	On Designing Sequences With Impulse-Like Periodic Correlation. IEEE Signal Processing Letters, 2009, 16, 703-706.	3.6	96
33	MIMO Transmit Beamforming Under Uniform Elemental Power Constraint. IEEE Transactions on Signal Processing, 2007, 55, 5395-5406.	5.3	94
34	Matched-filter bank interpretation of some spectral estimators. Signal Processing, 1998, 66, 45-59.	3.7	90
35	Unified Optimization Framework for Multi-Static Radar Code Design Using Information-Theoretic Criteria. IEEE Transactions on Signal Processing, 2013, 61, 5401-5416.	5.3	82
36	On the concentrated stochastic likelihood function in array signal processing. Circuits, Systems, and Signal Processing, 1995, 14, 669-674.	2.0	73

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37	Constant-beamwidth and constant-powerwidth wideband robust Capon beamformers for acoustic imaging. Journal of the Acoustical Society of America, 2004, 116, 1621-1631.	1.1	69
38	Connection between SPICE and Square-Root LASSO for sparse parameter estimation. Signal Processing, 2014, 95, 10-14.	3.7	68
39	Computationally efficient parameter estimation for harmonic sinusoidal signals. Signal Processing, 2000, 80, 1937-1944.	3.7	63
40	Covert underwater acoustic communications. Journal of the Acoustical Society of America, 2010, 128, 2898-2909.	1.1	63
41	Statistical analysis of two nonlinear least-squares estimators of sine-wave parameters in the colored-noise case. Circuits, Systems, and Signal Processing, 1989, 8, 3-15.	2.0	60
42	Polyphase Waveform Design for MIMO Radar Space Time Adaptive Processing. IEEE Transactions on Signal Processing, 2020, 68, 2143-2154.	5.3	60
43	Comparative performance study of element-space and beam-space MUSIC estimators. Circuits, Systems, and Signal Processing, 1991, 10, 285-292.	2.0	59
44	Combining Capon and APES for estimation of spectral lines. Circuits, Systems, and Signal Processing, 2000, 19, 159-169.	2.0	59
45	Adaptive Filter-bank Approach to Restoration and Spectral Analysis of Gapped Data. Astronomical Journal, 2000, 120, 2163-2173.	4.7	58
46	On Spatial Power Spectrum and Signal Estimation Using the Pisarenko Framework. IEEE Transactions on Signal Processing, 2008, 56, 5109-5119.	5.3	51
47	A covariance fitting approach for correlated acoustic source mapping. Journal of the Acoustical Society of America, 2010, 127, 2920-2931.	1.1	51
48	A fast algorithm for designing complementary sets of sequences. Signal Processing, 2013, 93, 2096-2102.	3.7	51
49	Wideband RELAX and wideband CLEAN for aeroacoustic imaging. Journal of the Acoustical Society of America, 2004, 115, 757-767.	1.1	49
50	Smoothed nonparametric spectral estimation via cepsturm thresholding - Introduction of a method for smoothed nonparametric spectral estimation. IEEE Signal Processing Magazine, 2006, 23, 34-45.	5.6	49
51	The Gaussian Data Assumption Leads to the Largest Cramér-Rao Bound [Lecture Notes]. IEEE Signal Processing Magazine, 2011, 28, 132-133.	5.6	46
52	One-bit compressive sampling with time-varying thresholds: Maximum likelihood and the Cramér-Rao bound. , 2016, , .		45
53	An efficient algorithm for two-dimensional frequency estimation. Multidimensional Systems and Signal Processing, 1996, 7, 151-178.	2.6	44
54	New MODE-based techniques for direction finding with an improved threshold performance. Signal Processing, 1999, 76, 221-235.	3.7	44

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55	Forward-only and forward-backward sample covariances â€" A comparative study. Signal Processing, 1999, 77, 235-245.	3.7	44
56	Adaptive imaging for forward-looking ground penetrating radar. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 922-936.	4.7	44
57	MUSIC estimation of real-valued sine-wave frequencies. Signal Processing, 1995, 42, 139-146.	3.7	43
58	Fast Implementation of Two-Dimensional APES and CAPON Spectral Estimators. Multidimensional Systems and Signal Processing, 2002, 13, 35-53.	2.6	42
59	Differential Detection Based on Space-Time Block Codes. Wireless Personal Communications, 2002, 21, 163-180.	2.7	42
60	On the Proper Forms of BIC for Model Order Selection. IEEE Transactions on Signal Processing, 2012, 60, 4956-4961.	5.3	42
61	Single-stage transmit beamforming design for MIMO radar. Signal Processing, 2014, 102, 132-138.	3.7	42
62	One-bit compressive sampling with time-varying thresholds for sparse parameter estimation. , 2016, , .		41
63	Sinusoidal Parameter Estimation From Signed Measurements Via Majorizationâ€"Minimization Based RELAX. IEEE Transactions on Signal Processing, 2019, 67, 2173-2186.	5.3	41
64	On biased estimators and the unbiased CramÃ©r-Rao lower bound. Signal Processing, 1990, 21, 349-350.	3.7	40
65	High Resolution Angle-Doppler Imaging for MTI Radar. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 1544-1556.	4.7	39
66	Study of Capon method for array signal processing. Circuits, Systems, and Signal Processing, 1995, 14, 749-770.	2.0	38
67	Improved sequential MUSIC. IEEE Transactions on Aerospace and Electronic Systems, 1995, 31, 1230-1239.	4.7	37
68	Blood velocity estimation using ultrasound and spectral iterative adaptive approaches. Signal Processing, 2011, 91, 1275-1283.	3.7	37
69	Radar code design for detection of moving targets. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2762-2778.	4.7	37
70	Probing Waveform Synthesis and Receiver Filter Design. IEEE Signal Processing Magazine, 2010, 27, 99-112.	5.6	36
71	Generalized Yule-Walker equations and testing the orders of multivariate time series. International Journal of Control, 1983, 37, 1159-1166.	1.9	35
72	On nonparametric spectral estimation. Circuits, Systems, and Signal Processing, 1999, 18, 169-181.	2.0	35

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73	IAA spectral estimation: Fast implementation using the Gohberg-Semencul factorization. , 2011, , .		35
74	On estimating the noise power in array processing. Signal Processing, 1992, 26, 205-220.	3.7	34
75	Phase Retrieval via the Alternating Direction Method of Multipliers. IEEE Signal Processing Letters, 2018, 25, 5-9.	3.6	33
76	On Designing the Transmission and Reception of Multistatic Continuous Active Sonar Systems. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 285-299.	4.7	31
77	On the parsimony principle. International Journal of Control, 1982, 36, 409-418.	1.9	30
78	Incorporating a priori information into MUSIC-algorithms and analysis. Signal Processing, 1995, 46, 85-104.	3.7	30
79	Decentralized array processing using the MODE algorithm. Circuits, Systems, and Signal Processing, 1995, 14, 17-38.	2.0	30
80	Online Hyperparameter-Free Sparse Estimation Method. IEEE Transactions on Signal Processing, 2015, 63, 3348-3359.	5.3	30
81	On the uniqueness of prediction error models for systems with noisy input-output data. Automatica, 1987, 23, 541-543.	5.0	29
82	On Binary Probing Signals and Instrumental Variables Receivers for Radar. IEEE Transactions on Information Theory, 2008, 54, 3820-3825.	2.4	29
83	Direction-of-arrival estimation in applications with multipath and few snapshots. Circuits, Systems, and Signal Processing, 1991, 10, 327-342.	2.0	28
84	The Cramér–Rao lower bound for noisy input–output systems. Signal Processing, 2000, 80, 2421-2447.	3.7	28
85	Parameter estimation approach to banding artifact reduction in balanced steady‐state free precession. Magnetic Resonance in Medicine, 2014, 72, 880-892.	3.0	28
86	On multistep prediction error methods for time series models. Journal of Forecasting, 1989, 8, 357-368.	2.8	27
87	Common factor detection and estimation. Automatica, 1997, 33, 985-989.	5.0	27
88	Source Resolvability of Spatial-Smoothing-Based Subspace Methods: A Hadamard Product Perspective. IEEE Transactions on Signal Processing, 2019, 67, 2543-2553.	5.3	27
89	On the inconsistency of IQML. Signal Processing, 1997, 56, 185-190.	3.7	26
90	One-Bit compressive sampling with time-varying thresholds for multiple sinusoids. , 2017, , .		24

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91	Information-theoretic waveform design for MIMO radar detection in range-spread clutter. Signal Processing, 2021, 182, 107961.	3.7	24
92	Asymptotic behaviour of some bootstrap estimators. International Journal of Control, 1981, 33, 433-454.	1.9	23
93	On the asymptotic accuracy of pseudo-linear regression algorithms. International Journal of Control, 1984, 39, 115-126.	1.9	23
94	On the unit circle problem: The Schur-Cohn procedure revisited. Signal Processing, 1992, 26, 95-118.	3.7	23
95	System identification from noisy measurements by using instrumental variables and subspace fitting. Circuits, Systems, and Signal Processing, 1996, 15, 275-290.	2.0	23
96	Recursive nonlinear-system identification using latent variables. Automatica, 2018, 93, 343-351.	5.0	23
97	On the resolution performance of spectral analysis. Signal Processing, 1995, 44, 153-161.	3.7	22
98	Using Prior Knowledge in SVD-Based Parameter Estimation for Magnetic Resonance Spectroscopy—The ATP Example. IEEE Transactions on Biomedical Engineering, 2004, 51, 1568-1578.	4.2	22
99	Model order estimation via penalizing adaptively the likelihood (PAL). Signal Processing, 2013, 93, 2865-2871.	3.7	22
100	On Meeting the Peak Correlation Bounds. IEEE Transactions on Signal Processing, 2014, 62, 1210-1220.	5.3	22
101	Model Order Selection Rules for Covariance Structure Classification in Radar. IEEE Transactions on Signal Processing, 2017, 65, 5305-5317.	5.3	22
102	RFI Mitigation for UWB Radar Via Hyperparameter-Free Sparse SPICE Methods. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3105-3118.	6.3	22
103	Weighted SPICE Algorithms for Range-Doppler Imaging Using One-Bit Automotive Radar. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1041-1054.	10.8	22
104	Partial Least Squares: A First-order Analysis. Scandinavian Journal of Statistics, 1998, 25, 17-24.	1.4	21
105	A multicomponent T_2 relaxometry algorithm for myelin water imaging of the brain. Magnetic Resonance in Medicine, 2016, 75, 390-402.	3.0	20
106	Scalable and Passive Wireless Network Clock Synchronization in LOS Environments. IEEE Transactions on Wireless Communications, 2017, 16, 3536-3546.	9.2	20
107	On non-singular information matrices and local identifiability. International Journal of Control, 1982, 36, 323-329.	1.9	19
108	Optimal instrumental-variable methods for identification of multivariable linear systems. Automatica, 1983, 19, 425-429.	5.0	19

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109	Capon estimation of covariance sequences. Circuits, Systems, and Signal Processing, 1998, 17, 29-49.	2.0	19
110	Bayesian Information Criterion for Signed Measurements With Application to Sinusoidal Signals. IEEE Signal Processing Letters, 2018, 25, 1251-1255.	3.6	19
111	Analysis of an output error identification algorithm. Automatica, 1981, 17, 861-863.	5.0	18
112	On statistical analysis of Pisarenko tone frequency estimator. Signal Processing, 1993, 31, 349-353.	3.7	18
113	Source separation: A TITO system identification approach. Signal Processing, 1999, 73, 169-183.	3.7	18
114	Wideband source localization using sparse learning via iterative minimization. Signal Processing, 2013, 93, 3504-3514.	3.7	18
115	Recursive Identification Method for Piecewise ARX Models: A Sparse Estimation Approach. IEEE Transactions on Signal Processing, 2016, 64, 5082-5093.	5.3	18
116	Model structure selection for multivariable systems by cross-validation methods. International Journal of Control, 1988, 47, 1737-1758.	1.9	17
117	Approximate maximum likelihood frequency estimation. Automatica, 1994, 30, 131-145.	5.0	17
118	Subspace-based frequency estimation in the presence of moving-average noise using decimation. Signal Processing, 1997, 63, 211-220.	3.7	17
119	Utilizing Space-Time Diversity for Wireless Communications. Wireless Personal Communications, 2001, 18, 149-163.	2.7	17
120	High-order Yule-Walker equations for estimating sinusoidal frequencies: The complete set of solutions. Signal Processing, 1990, 20, 257-263.	3.7	16
121	Orthogonal Space-Time Block Codes with Feedback. Wireless Personal Communications, 2004, 28, 287-312.	2.7	16
122	Uniqueness of estimated k-step prediction models of ARMA processes. Systems and Control Letters, 1984, 4, 325-331.	2.3	15
123	Approximate maximum-likelihood approach to ARMA spectral estimation. International Journal of Control, 1987, 45, 1281-1310.	1.9	15
124	Cramer-Rao Bound Analog of Bayes' Rule [Lecture Notes]. IEEE Signal Processing Magazine, 2015, 32, 164-168.	5.6	15
125	Optimally smoothed periodogram. Signal Processing, 1999, 78, 253-264.	3.7	14
126	On the Exponentially Embedded Family (EEF) Rule for Model Order Selection. IEEE Signal Processing Letters, 2012, 19, 551-554.	3.6	14

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127	Comparison of Two Hyperparameter-Free Sparse Signal Processing Methods for Direction-of-Arrival Tracking in the HF97 Ocean Acoustic Experiment. IEEE Journal of Oceanic Engineering, 2018, 43, 725-734.	3.8	14
128	On the convergence of pseudo-linear regression algorithms. International Journal of Control, 1985, 41, 1429-1444.	1.9	13
129	Least-squares, Yule-Walker, and overdetermined Yule—Walker estimation of AR parameters: a Monte Carlo analysis of finite-sample properties. International Journal of Control, 1986, 43, 13-27.	1.9	13
130	On spectral and root forms of sinusoidal frequency estimators. Signal Processing, 1991, 24, 93-103.	3.7	13
131	On maximum likelihood estimation in factor analysis—An algebraic derivation. Signal Processing, 2009, 89, 1260-1262.	3.7	12
132	Identification of cascade water tanks using a PWARX model. Mechanical Systems and Signal Processing, 2018, 106, 40-48.	8.0	12
133	Radar Detection Architecture Based on Interference Covariance Structure Classification. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 607-618.	4.7	12
134	Optimization with respect to covariance sequence parameters. Automatica, 1985, 21, 671-675.	5.0	11
135	Exact initialization of the recursive least-squares algorithm. International Journal of Adaptive Control and Signal Processing, 2002, 16, 219-230.	4.1	11
136	Eigenvalue location of certain matrices arising in convergence analysis problems. Automatica, 1982, 18, 487-489.	5.0	10
137	Performance evaluation of some methods for off-line detection of changes in autoregressive signals. Signal Processing, 1990, 19, 301-310.	3.7	10
138	On SVD-based and TLS-based high-order Yule-Walker methods of frequency estimation. Signal Processing, 1992, 29, 309-317.	3.7	10
139	Computationally Efficient Maximum Likelihood Approach to DOA Estimation of a Scattered Source. Wireless Personal Communications, 2001, 16, 135-148.	2.7	10
140	Efficient Sum-Rate Maximization for Medium-Scale MIMO AF-Relay Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6400-6411.	9.2	10
141	Maximum Likelihood Algorithm for Time-Delay Based Multistatic Target Localization. IEEE Signal Processing Letters, 2022, 29, 847-851.	3.6	10
142	Optimally weighted ESPRIT for direction estimation. Signal Processing, 1994, 38, 223-229.	3.7	9
143	Weighted LS and TLS approaches yield asymptotically equivalent results. Signal Processing, 1995, 45, 255-259.	3.7	9
144	Probing waveforms and adaptive receivers for active sonar. Journal of the Acoustical Society of America, 2011, 129, 3640-3651.	1.1	9

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145	On a procedure for structural identification. International Journal of Control, 1981, 33, 1177-1181.	1.9	8
146	The Asymptotic CramÃ©r-Rao Bound for 2-D Superimposed Exponential Signals. Multidimensional Systems and Signal Processing, 2002, 13, 317-331.	2.6	8
147	Introduction to the Issue on MIMO Radar and Its Applications. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 2-4.	10.8	8
148	Maximum-Likelihood Nonparametric Estimation of Smooth Spectra From Irregularly Sampled Data. IEEE Transactions on Signal Processing, 2011, 59, 5746-5758.	5.3	8
149	Statistical analysis of decentralized MUSIC. Circuits, Systems, and Signal Processing, 1992, 11, 443-454.	2.0	7
150	Estimation of nominal directions of arrival and angular spreads of distributed sources. Signal Processing, 2003, 83, 1833-1838.	3.7	7
151	A new type of parameter estimation algorithm for missing data problems. Statistics and Probability Letters, 2005, 75, 219-229.	0.7	7
152	Asymptotic statistical analysis of autoregressive frequency estimates. Signal Processing, 1994, 39, 277-292.	3.7	6
153	Exponential signals with time-varying amplitude: Parameter estimation via polar decomposition. Signal Processing, 1998, 66, 27-43.	3.7	6
154	On the forwardâ€"backward spatial APES. Signal Processing, 2006, 86, 710-715.	3.7	6
155	Comments on â€œEnhanced PUMA for Direction-of-Arrival Estimation and Its Performance Analysisâ€. IEEE Transactions on Signal Processing, 2017, 65, 6113-6114.	5.3	6
156	Maxâ€"Min Fairness Design for MIMO Interference Channels: A Minorizationâ€"Maximization Approach. IEEE Transactions on Signal Processing, 2019, 67, 4707-4719.	5.3	6
157	Instrumental Variable Methods for ARMA Models. Control and Dynamic Systems, 1987, 25, 79-150.	0.1	5
158	Convergence analysis of an adaptive pseudolinear-regression notch filtering algorithm. Circuits, Systems, and Signal Processing, 1991, 10, 245-259.	2.0	5
159	Statistical analysis of the least-squares autoregressive frequency estimator for random-amplitude sinusoidal signals. Signal Processing, 1995, 46, 203-210.	3.7	5
160	Optimally Weighted MUSIC for Frequency Estimation. SIAM Journal on Matrix Analysis and Applications, 1995, 16, 811-827.	1.4	5
161	Large-sample analysis of MUSIC and Min-Norm direction estimators in the presence of model errors. Circuits, Systems, and Signal Processing, 1996, 15, 377-393.	2.0	5
162	Common factor estimation and two applications in signal processing. Signal Processing, 2004, 84, 421-429.	3.7	5

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163	Estimating the order of sinusoidal models using the adaptively penalized likelihood approach: Large sample consistency properties. Signal Processing, 2016, 128, 204-211.	3.7	5
164	Design of High-Dimensional Grassmannian Frames via Block Minorization Maximization. IEEE Communications Letters, 2021, 25, 3624-3628.	4.1	5
165	Non-iterative optimal min-max instrumental variable method for system identification. International Journal of Control, 1988, 47, 1759-1769.	1.9	4
166	One-Dimensional MODE Algorithm for Two-Dimensional Frequency Estimation. Multidimensional Systems and Signal Processing, 1997, 8, 449-468.	2.6	4
167	Nonparametric spectral analysis of gapped data via an adaptive filtering approach. Circuits, Systems, and Signal Processing, 2001, 20, 485-496.	2.0	4
168	Trained Space-Time Block Decoding for Flat Fading Channels with Frequency Offsets. Wireless Personal Communications, 2003, 27, 235-245.	2.7	4
169	Covariance-based approaches to aeroacoustic noise source analysis. Journal of the Acoustical Society of America, 2010, 128, 2877-2887.	1.1	4
170	Algebraic Derivation of Elfving Theorem on Optimal Experiment Design and Some Connections With Sparse Estimation. IEEE Signal Processing Letters, 2010, 17, 743-745.	3.6	4
171	Data Consistency Approach to Model Validation. IEEE Access, 2019, 7, 59788-59796.	4.2	4
172	RFI Mitigation for One-Bit UWB Radar Systems. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 879-889.	4.7	4
173	Adaptive instrumental variable methods for frequency estimation. International Journal of Adaptive Control and Signal Processing, 1992, 6, 441-469.	4.1	3
174	Asymptotic variance of the AR spectral estimator for noisy sinusoidal data. Signal Processing, 1994, 35, 131-139.	3.7	3
175	MODE-type algorithm for estimating damped, undamped, or explosive modes. Circuits, Systems, and Signal Processing, 1997, 16, 349-362.	2.0	3
176	Direction finding using data-supported optimization. Circuits, Systems, and Signal Processing, 2001, 20, 541-549.	2.0	3
177	Adaptive Arrays for Broadband Communications in the Presence of Unknown Co-Channel Interference. IEEE Transactions on Signal Processing, 2008, 56, 1589-1600.	5.3	3
178	Robust Prediction When Features are Missing. IEEE Signal Processing Letters, 2020, 27, 720-724.	3.6	3
179	Learning Sparse Graphs via Majorization-Minimization for Smooth Node Signals. IEEE Signal Processing Letters, 2022, 29, 1022-1026.	3.6	3
180	On criterion selection and noise model parametrization for prediction-error identification methods. International Journal of Control, 1981, 34, 801-811.	1.9	2

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181	On the identifiability of multipath parameters. Signal Processing, 1999, 74, 327-330.	3.7	2
182	Optimal correction of an indefinite estimated MA spectral density matrix. Statistics and Probability Letters, 2007, 77, 973-980.	0.7	2
183	Comments on â€œIterative Estimation of Sinusoidal Signal Parametersâ€. IEEE Signal Processing Letters, 2010, 17, 1022-1023.	3.6	2
184	Effect Inference From Two-Group Data With Sampling Bias. IEEE Signal Processing Letters, 2019, 26, 1103-1106.	3.6	2
185	Min-max optimal instrumental variable estimation method for multivariate linear time-series systems. International Journal of Control, 1989, 50, 955-976.	1.9	1
186	Stability of least-squares models fitted to multivariable input-output data. International Journal of Control, 1989, 50, 1249-1257.	1.9	1
187	Comparative performance study of SVD-based and QRD-based high-order Yule-Walker methods for frequency estimation. Circuits, Systems, and Signal Processing, 1993, 12, 105-117.	2.0	1
188	Emitter waveform estimation in array signal processing. International Journal of Control, 1995, 61, 965-980.	1.9	1
189	Joint RFI mitigation and radar echo recovery for one-bit UWB radar. Signal Processing, 2022, 193, 108409.	3.7	1
190	Asymptotic accuracy of the Aitken-Markov estimator. International Journal of Control, 1985, 41, 1175-1188.	1.9	0
191	An introduction to identification. Automatica, 1988, 24, 426-427.	5.0	0
192	Two-Dimensional Sinusoidal Amplitude Estimation with Application to Two-Dimensional System Identification. Circuits, Systems, and Signal Processing, 2002, 21, 369-397.	2.0	0
193	Erratum to â€œPolyphase Waveform Design for MIMO Radar Space Time Adaptive Processingâ€[Mar 20 2143-2154]. IEEE Transactions on Signal Processing, 2020, 68, 5487-5487.	5.3	0