

# Petre Stoica

## List of Publications by Year in descending order

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193  
papers

11,794  
citations

44069

48  
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30087

103  
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194  
all docs

194  
docs citations

194  
times ranked

5366  
citing authors

#	ARTICLE	IF	CITATIONS
1	RFI Mitigation for One-Bit UWB Radar Systems. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 879-889.	4.7	4
2	Joint RFI mitigation and radar echo recovery for one-bit UWB radar. Signal Processing, 2022, 193, 108409.	3.7	1
3	Maximum Likelihood Algorithm for Time-Delay Based Multistatic Target Localization. IEEE Signal Processing Letters, 2022, 29, 847-851.	3.6	10
4	Learning Sparse Graphs via Majorization-Minimization for Smooth Node Signals. IEEE Signal Processing Letters, 2022, 29, 1022-1026.	3.6	3
5	Design of High-Dimensional Grassmannian Frames via Block Minorization Maximization. IEEE Communications Letters, 2021, 25, 3624-3628.	4.1	5
6	Information-theoretic waveform design for MIMO radar detection in range-spread clutter. Signal Processing, 2021, 182, 107961.	3.7	24
7	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
8	Polyphase Waveform Design for MIMO Radar Space Time Adaptive Processing. IEEE Transactions on Signal Processing, 2020, 68, 2143-2154.	5.3	60
9	Robust Prediction When Features are Missing. IEEE Signal Processing Letters, 2020, 27, 720-724.	3.6	3
10	Erratum to "Polyphase Waveform Design for MIMO Radar Space Time Adaptive Processing" [Mar 20 2143-2154]. IEEE Transactions on Signal Processing, 2020, 68, 5487-5487.	5.3	0
11	Radar Detection Architecture Based on Interference Covariance Structure Classification. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 607-618.	4.7	12
12	Max-Min Fairness Design for MIMO Interference Channels: A Minorization Maximization Approach. IEEE Transactions on Signal Processing, 2019, 67, 4707-4719.	5.3	6
13	Data Consistency Approach to Model Validation. IEEE Access, 2019, 7, 59788-59796.	4.2	4
14	Effect Inference From Two-Group Data With Sampling Bias. IEEE Signal Processing Letters, 2019, 26, 1103-1106.	3.6	2
15	Sinusoidal Parameter Estimation From Signed Measurements Via Majorization-Minimization Based RELAX. IEEE Transactions on Signal Processing, 2019, 67, 2173-2186.	5.3	41
16	Source Resolvability of Spatial-Smoothing-Based Subspace Methods: A Hadamard Product Perspective. IEEE Transactions on Signal Processing, 2019, 67, 2543-2553.	5.3	27
17	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
18	Recursive nonlinear-system identification using latent variables. Automatica, 2018, 93, 343-351.	5.0	23

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19	Identification of cascade water tanks using a PWARX model. Mechanical Systems and Signal Processing, 2018, 106, 40-48.	8.0	12
20	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
21	Phase Retrieval via the Alternating Direction Method of Multipliers. IEEE Signal Processing Letters, 2018, 25, 5-9.	3.6	33
22	Bayesian Information Criterion for Signed Measurements With Application to Sinusoidal Signals. IEEE Signal Processing Letters, 2018, 25, 1251-1255.	3.6	19
23	Scalable and Passive Wireless Network Clock Synchronization in LOS Environments. IEEE Transactions on Wireless Communications, 2017, 16, 3536-3546.	9.2	20
24	Model Order Selection Rules for Covariance Structure Classification in Radar. IEEE Transactions on Signal Processing, 2017, 65, 5305-5317.	5.3	22
25	One-Bit compressive sampling with time-varying thresholds for multiple sinusoids. , 2017, , .		24
26	Comments on "Enhanced PUMA for Direction-of-Arrival Estimation and Its Performance Analysis" IEEE Transactions on Signal Processing, 2017, 65, 6113-6114.	5.3	6
27	Efficient Sum-Rate Maximization for Medium-Scale MIMO AF-Relay Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6400-6411.	9.2	10
28	One-bit compressive sampling with time-varying thresholds: Maximum likelihood and the Cram�r-Rao bound. , 2016, , .		45
29	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
30	One-bit compressive sampling with time-varying thresholds for sparse parameter estimation. , 2016, , .		41
31	Recursive Identification Method for Piecewise ARX Models: A Sparse Estimation Approach. IEEE Transactions on Signal Processing, 2016, 64, 5082-5093.	5.3	18
32	Vandermonde Decomposition of Multilevel Toeplitz Matrices With Application to Multidimensional Super-Resolution. IEEE Transactions on Information Theory, 2016, 62, 3685-3701.	2.4	182
33	A multicomponent T <sub>2</sub> relaxometry algorithm for myelin water imaging of the brain. Magnetic Resonance in Medicine, 2016, 75, 390-402.	3.0	20
34	Cramer-Rao Bound Analog of Bayes' Rule [Lecture Notes]. IEEE Signal Processing Magazine, 2015, 32, 164-168.	5.6	15
35	Online Hyperparameter-Free Sparse Estimation Method. IEEE Transactions on Signal Processing, 2015, 63, 3348-3359.	5.3	30
36	Radar code design for detection of moving targets. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 2762-2778.	4.7	37

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37	Designing Unimodular Codes Via Quadratic Optimization. IEEE Transactions on Signal Processing, 2014, 62, 1221-1234.	5.3	153
38	Parameter estimation approach to banding artifact reduction in balanced steady-state free precession. Magnetic Resonance in Medicine, 2014, 72, 880-892.	3.0	28
39	Connection between SPICE and Square-Root LASSO for sparse parameter estimation. Signal Processing, 2014, 95, 10-14.	3.7	68
40	On Meeting the Peak Correlation Bounds. IEEE Transactions on Signal Processing, 2014, 62, 1210-1220.	5.3	22
41	Weighted SPICE: A unifying approach for hyperparameter-free sparse estimation. , 2014, 33, 1-12.		97
42	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
43	Single-stage transmit beamforming design for MIMO radar. Signal Processing, 2014, 102, 132-138.	3.7	42
44	A fast algorithm for designing complementary sets of sequences. Signal Processing, 2013, 93, 2096-2102.	3.7	51
45	Wideband source localization using sparse learning via iterative minimization. Signal Processing, 2013, 93, 3504-3514.	3.7	18
46	Model order estimation via penalizing adaptively the likelihood (PAL). Signal Processing, 2013, 93, 2865-2871.	3.7	22
47	Joint Design of the Receive Filter and Transmit Sequence for Active Sensing. IEEE Signal Processing Letters, 2013, 20, 423-426.	3.6	98
48	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
49	On the Exponentially Embedded Family (EEF) Rule for Model Order Selection. IEEE Signal Processing Letters, 2012, 19, 551-554.	3.6	14
50	On the Proper Forms of BIC for Model Order Selection. IEEE Transactions on Signal Processing, 2012, 60, 4956-4961.	5.3	42
51	Computational Design of Sequences With Good Correlation Properties. IEEE Transactions on Signal Processing, 2012, 60, 2180-2193.	5.3	118
52	SPICE and LIKES: Two hyperparameter-free methods for sparse-parameter estimation. Signal Processing, 2012, 92, 1580-1590.	3.7	144
53	The Gaussian Data Assumption Leads to the Largest Cram�r-Rao Bound [Lecture Notes]. IEEE Signal Processing Magazine, 2011, 28, 132-133.	5.6	46
54	Maximum-Likelihood Nonparametric Estimation of Smooth Spectra From Irregularly Sampled Data. IEEE Transactions on Signal Processing, 2011, 59, 5746-5758.	5.3	8

#	ARTICLE	IF	CITATIONS
55	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
56	SPICE: A Sparse Covariance-Based Estimation Method for Array Processing. IEEE Transactions on Signal Processing, 2011, 59, 629-638.	5.3	439
57	Sparse Learning via Iterative Minimization With Application to MIMO Radar Imaging. IEEE Transactions on Signal Processing, 2011, 59, 1088-1101.	5.3	233
58	IAA spectral estimation: Fast implementation using the Gohberg-Semencul factorization. , 2011, , .		35
59	Blood velocity estimation using ultrasound and spectral iterative adaptive approaches. Signal Processing, 2011, 91, 1275-1283.	3.7	37
60	Probing waveforms and adaptive receivers for active sonar. Journal of the Acoustical Society of America, 2011, 129, 3640-3651.	1.1	9
61	Iterative Adaptive Approaches to MIMO Radar Imaging. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 5-20.	10.8	212
62	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
63	A robust methodology for in vivo $\gamma$ mapping. Magnetic Resonance in Medicine, 2010, 64, 1057-1067.	3.0	175
64	High Resolution Angle-Doppler Imaging for MTI Radar. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 1544-1556.	4.7	39
65	A covariance fitting approach for correlated acoustic source mapping. Journal of the Acoustical Society of America, 2010, 127, 2920-2931.	1.1	51
66	Covert underwater acoustic communications. Journal of the Acoustical Society of America, 2010, 128, 2898-2909.	1.1	63
67	Covariance-based approaches to aeroacoustic noise source analysis. Journal of the Acoustical Society of America, 2010, 128, 2877-2887.	1.1	4
68	Probing Waveform Synthesis and Receiver Filter Design. IEEE Signal Processing Magazine, 2010, 27, 99-112.	5.6	36
69	Comments on "Iterative Estimation of Sinusoidal Signal Parameters". IEEE Signal Processing Letters, 2010, 17, 1022-1023.	3.6	2
70	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
71	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
72	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

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73	On maximum likelihood estimation in factor analysis—An algebraic derivation. <i>Signal Processing</i> , 2009, 89, 1260-1262.	3.7	12
74	On Designing Sequences With Impulse-Like Periodic Correlation. <i>IEEE Signal Processing Letters</i> , 2009, 16, 703-706.	3.6	96
75	Multi-pitch estimation. <i>Signal Processing</i> , 2008, 88, 972-983.	3.7	107
76	On Binary Probing Signals and Instrumental Variables Receivers for Radar. <i>IEEE Transactions on Information Theory</i> , 2008, 54, 3820-3825.	2.4	29
77	Signal Synthesis and Receiver Design for MIMO Radar Imaging. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 3959-3968.	5.3	257
78	Transmit codes and receive filters for radar. <i>IEEE Signal Processing Magazine</i> , 2008, 25, 94-109.	5.6	113
79	Exact and Approximate Solutions of Source Localization Problems. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 1770-1778.	5.3	467
80	Adaptive Arrays for Broadband Communications in the Presence of Unknown Co-Channel Interference. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 1589-1600.	5.3	3
81	On Using a priori Knowledge in Space-Time Adaptive Processing. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 2598-2602.	5.3	199
82	Waveform Synthesis for Diversity-Based Transmit Beampattern Design. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 2593-2598.	5.3	265
83	On Estimation of Covariance Matrices With Kronecker Product Structure. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 478-491.	5.3	147
84	On Spatial Power Spectrum and Signal Estimation Using the Pisarenko Framework. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 5109-5119.	5.3	51
85	Sparsity constrained deconvolution approaches for acoustic source mapping. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 2631-2642.	1.1	135
86	MIMO Radar with Colocated Antennas. <i>IEEE Signal Processing Magazine</i> , 2007, 24, 106-114.	5.6	1,973
87	On Parameter Identifiability of MIMO Radar. <i>IEEE Signal Processing Letters</i> , 2007, 14, 968-971.	3.6	511
88	MIMO Transmit Beamforming Under Uniform Elemental Power Constraint. <i>IEEE Transactions on Signal Processing</i> , 2007, 55, 5395-5406.	5.3	94
89	Optimal correction of an indefinite estimated MA spectral density matrix. <i>Statistics and Probability Letters</i> , 2007, 77, 973-980.	0.7	2
90	Smoothed nonparametric spectral estimation via cepstrum thresholding - Introduction of a method for smoothed nonparametric spectral estimation. <i>IEEE Signal Processing Magazine</i> , 2006, 23, 34-45.	5.6	49

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91	Lecture Notes - Source Localization from Range-Difference Measurements. IEEE Signal Processing Magazine, 2006, 23, 63-66.	5.6	148
92	On the forwardâ€“backward spatial APES. Signal Processing, 2006, 86, 710-715.	3.7	6
93	Multistatic Adaptive Microwave Imaging for Early Breast Cancer Detection. IEEE Transactions on Biomedical Engineering, 2006, 53, 1647-1657.	4.2	213
94	A new type of parameter estimation algorithm for missing data problems. Statistics and Probability Letters, 2005, 75, 219-229.	0.7	7
95	Adaptive imaging for forward-looking ground penetrating radar. IEEE Transactions on Aerospace and Electronic Systems, 2005, 41, 922-936.	4.7	44
96	Wideband RELAX and wideband CLEAN for aeroacoustic imaging. Journal of the Acoustical Society of America, 2004, 115, 757-767.	1.1	49
97	Using Prior Knowledge in SVD-Based Parameter Estimation for Magnetic Resonance Spectroscopyâ€“The ATP Example. IEEE Transactions on Biomedical Engineering, 2004, 51, 1568-1578.	4.2	22
98	Orthogonal Space-Time Block Codes with Feedback. Wireless Personal Communications, 2004, 28, 287-312.	2.7	16
99	Common factor estimation and two applications in signal processing. Signal Processing, 2004, 84, 421-429.	3.7	5
100	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
101	Trained Space-Time Block Decoding for Flat Fading Channels with Frequency Offsets. Wireless Personal Communications, 2003, 27, 235-245.	2.7	4
102	Estimation of nominal directions of arrival and angular spreads of distributed sources. Signal Processing, 2003, 83, 1833-1838.	3.7	7
103	Exact initialization of the recursive least-squares algorithm. International Journal of Adaptive Control and Signal Processing, 2002, 16, 219-230.	4.1	11
104	Two-Dimensional Sinusoidal Amplitude Estimation with Application to Two-Dimensional System Identification. Circuits, Systems, and Signal Processing, 2002, 21, 369-397.	2.0	0
105	Instrumental variable methods for system identification. Circuits, Systems, and Signal Processing, 2002, 21, 1-9.	2.0	170
106	Fast Implementation of Two-Dimensional APES and CAPON Spectral Estimators. Multidimensional Systems and Signal Processing, 2002, 13, 35-53.	2.6	42
107	Differential Detection Based on Space-Time Block Codes. Wireless Personal Communications, 2002, 21, 163-180.	2.7	42
108	The Asymptotic CramÃ©r-Rao Bound for 2-D Superimposed Exponential Signals. Multidimensional Systems and Signal Processing, 2002, 13, 317-331.	2.6	8

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109	Nonparametric spectral analysis of gapped data via an adaptive filtering approach. <i>Circuits, Systems, and Signal Processing</i> , 2001, 20, 485-496.	2.0	4
110	Direction finding using data-supported optimization. <i>Circuits, Systems, and Signal Processing</i> , 2001, 20, 541-549.	2.0	3
111	Utilizing Space-Time Diversity for Wireless Communications. <i>Wireless Personal Communications</i> , 2001, 18, 149-163.	2.7	17
112	Computationally Efficient Maximum Likelihood Approach to DOA Estimation of a Scattered Source. <i>Wireless Personal Communications</i> , 2001, 16, 135-148.	2.7	10
113	Combining Capon and APES for estimation of spectral lines. <i>Circuits, Systems, and Signal Processing</i> , 2000, 19, 159-169.	2.0	59
114	Computationally efficient parameter estimation for harmonic sinusoidal signals. <i>Signal Processing</i> , 2000, 80, 1937-1944.	3.7	63
115	The Cram��r-Rao lower bound for noisy input��output systems. <i>Signal Processing</i> , 2000, 80, 2421-2447.	3.7	28
116	Adaptive Filter-bank Approach to Restoration and Spectral Analysis of Gapped Data. <i>Astronomical Journal</i> , 2000, 120, 2163-2173.	4.7	58
117	Source separation: A TITO system identification approach. <i>Signal Processing</i> , 1999, 73, 169-183.	3.7	18
118	New MODE-based techniques for direction finding with an improved threshold performance. <i>Signal Processing</i> , 1999, 76, 221-235.	3.7	44
119	On the identifiability of multipath parameters. <i>Signal Processing</i> , 1999, 74, 327-330.	3.7	2
120	Forward-only and forward-backward sample covariances �� A comparative study. <i>Signal Processing</i> , 1999, 77, 235-245.	3.7	44
121	Optimally smoothed periodogram. <i>Signal Processing</i> , 1999, 78, 253-264.	3.7	14
122	On nonparametric spectral estimation. <i>Circuits, Systems, and Signal Processing</i> , 1999, 18, 169-181.	2.0	35
123	Partial Least Squares: A First��order Analysis. <i>Scandinavian Journal of Statistics</i> , 1998, 25, 17-24.	1.4	21
124	Capon estimation of covariance sequences. <i>Circuits, Systems, and Signal Processing</i> , 1998, 17, 29-49.	2.0	19
125	Exponential signals with time-varying amplitude: Parameter estimation via polar decomposition. <i>Signal Processing</i> , 1998, 66, 27-43.	3.7	6
126	Matched-filter bank interpretation of some spectral estimators. <i>Signal Processing</i> , 1998, 66, 45-59.	3.7	90



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127	One-Dimensional MODE Algorithm for Two-Dimensional Frequency Estimation. Multidimensional Systems and Signal Processing, 1997, 8, 449-468.	2.6	4
128	MODE-type algorithm for estimating damped, undamped, or explosive modes. Circuits, Systems, and Signal Processing, 1997, 16, 349-362.	2.0	3
129	On the inconsistency of IQML. Signal Processing, 1997, 56, 185-190.	3.7	26
130	Subspace-based frequency estimation in the presence of moving-average noise using decimation. Signal Processing, 1997, 63, 211-220.	3.7	17
131	Common factor detection and estimation. Automatica, 1997, 33, 985-989.	5.0	27
132	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
133	System identification from noisy measurements by using instrumental variables and subspace fitting. Circuits, Systems, and Signal Processing, 1996, 15, 275-290.	2.0	23
134	An efficient algorithm for two-dimensional frequency estimation. Multidimensional Systems and Signal Processing, 1996, 7, 151-178.	2.6	44
135	MUSIC estimation of real-valued sine-wave frequencies. Signal Processing, 1995, 42, 139-146.	3.7	43
136	On the resolution performance of spectral analysis. Signal Processing, 1995, 44, 153-161.	3.7	22
137	Weighted LS and TLS approaches yield asymptotically equivalent results. Signal Processing, 1995, 45, 255-259.	3.7	9
138	Incorporating a priori information into MUSIC-algorithms and analysis. Signal Processing, 1995, 46, 85-104.	3.7	30
139	Statistical analysis of the least-squares autoregressive frequency estimator for random-amplitude sinusoidal signals. Signal Processing, 1995, 46, 203-210.	3.7	5
140	Decentralized array processing using the MODE algorithm. Circuits, Systems, and Signal Processing, 1995, 14, 17-38.	2.0	30
141	Study of Capon method for array signal processing. Circuits, Systems, and Signal Processing, 1995, 14, 749-770.	2.0	38
142	On the concentrated stochastic likelihood function in array signal processing. Circuits, Systems, and Signal Processing, 1995, 14, 669-674.	2.0	73
143	Optimally Weighted MUSIC for Frequency Estimation. SIAM Journal on Matrix Analysis and Applications, 1995, 16, 811-827.	1.4	5
144	Improved sequential MUSIC. IEEE Transactions on Aerospace and Electronic Systems, 1995, 31, 1230-1239.	4.7	37

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145	Emitter waveform estimation in array signal processing. <i>International Journal of Control</i> , 1995, 61, 965-980.	1.9	1
146	Approximate maximum likelihood frequency estimation. <i>Automatica</i> , 1994, 30, 131-145.	5.0	17
147	Asymptotic variance of the AR spectral estimator for noisy sinusoidal data. <i>Signal Processing</i> , 1994, 35, 131-139.	3.7	3
148	Asymptotic statistical analysis of autoregressive frequency estimates. <i>Signal Processing</i> , 1994, 39, 277-292.	3.7	6
149	Optimally weighted ESPRIT for direction estimation. <i>Signal Processing</i> , 1994, 38, 223-229.	3.7	9
150	List of references on spectral line analysis. <i>Signal Processing</i> , 1993, 31, 329-340.	3.7	129
151	On statistical analysis of Pisarenko tone frequency estimator. <i>Signal Processing</i> , 1993, 31, 349-353.	3.7	18
152	Comparative performance study of SVD-based and QRD-based high-order Yule-Walker methods for frequency estimation. <i>Circuits, Systems, and Signal Processing</i> , 1993, 12, 105-117.	2.0	1
153	On the unit circle problem: The Schur-Cohn procedure revisited. <i>Signal Processing</i> , 1992, 26, 95-118.	3.7	23
154	On SVD-based and TLS-based high-order Yule-Walker methods of frequency estimation. <i>Signal Processing</i> , 1992, 29, 309-317.	3.7	10
155	On estimating the noise power in array processing. <i>Signal Processing</i> , 1992, 26, 205-220.	3.7	34
156	Statistical analysis of decentralized MUSIC. <i>Circuits, Systems, and Signal Processing</i> , 1992, 11, 443-454.	2.0	7
157	Adaptive instrumental variable methods for frequency estimation. <i>International Journal of Adaptive Control and Signal Processing</i> , 1992, 6, 441-469.	4.1	3
158	On spectral and root forms of sinusoidal frequency estimators. <i>Signal Processing</i> , 1991, 24, 93-103.	3.7	13
159	Convergence analysis of an adaptive pseudolinear-regression notch filtering algorithm. <i>Circuits, Systems, and Signal Processing</i> , 1991, 10, 245-259.	2.0	5
160	Comparative performance study of element-space and beam-space MUSIC estimators. <i>Circuits, Systems, and Signal Processing</i> , 1991, 10, 285-292.	2.0	59
161	Direction-of-arrival estimation in applications with multipath and few snapshots. <i>Circuits, Systems, and Signal Processing</i> , 1991, 10, 327-342.	2.0	28
162	High-order Yule-Walker equations for estimating sinusoidal frequencies: The complete set of solutions. <i>Signal Processing</i> , 1990, 20, 257-263.	3.7	16

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163	On biased estimators and the unbiased Cram�r-Rao lower bound. Signal Processing, 1990, 21, 349-350.	3.7	40
164	Performance evaluation of some methods for off-line detection of changes in autoregressive signals. Signal Processing, 1990, 19, 301-310.	3.7	10
165	Min-max optimal instrumental variable estimation method for multivariate linear time-series systems. International Journal of Control, 1989, 50, 955-976.	1.9	1
166	Stability of least-squares models fitted to multivariable input-output data. International Journal of Control, 1989, 50, 1249-1257.	1.9	1
167	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
168	On multistep prediction error methods for time series models. Journal of Forecasting, 1989, 8, 357-368.	2.8	27
169	On reparametrization of loss functions used in estimation and the invariance principle. Signal Processing, 1989, 17, 383-387.	3.7	101
170	An introduction to identification. Automatica, 1988, 24, 426-427.	5.0	0
171	Model structure selection for multivariable systems by cross-validation methods. International Journal of Control, 1988, 47, 1737-1758.	1.9	17
172	Non-iterative optimal min-max instrumental variable method for system identification. International Journal of Control, 1988, 47, 1759-1769.	1.9	4
173	Approximate maximum-likelihood approach to ARMA spectral estimation. International Journal of Control, 1987, 45, 1281-1310.	1.9	15
174	Instrumental Variable Methods for ARMA Models. Control and Dynamic Systems, 1987, 25, 79-150.	0.1	5
175	On the uniqueness of prediction error models for systems with noisy input-output data. Automatica, 1987, 23, 541-543.	5.0	29
176	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
177	Model-structure selection by cross-validation. International Journal of Control, 1986, 43, 1841-1878.	1.9	101
178	Optimization with respect to covariance sequence parameters. Automatica, 1985, 21, 671-675.	5.0	11
179	Asymptotic accuracy of the Aitken-Markov estimator. International Journal of Control, 1985, 41, 1175-1188.	1.9	0
180	On the convergence of pseudo-linear regression algorithms. International Journal of Control, 1985, 41, 1429-1444.	1.9	13

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181	On the asymptotic accuracy of pseudo-linear regression algorithms. International Journal of Control, 1984, 39, 115-126.	1.9	23
182	Uniqueness of estimated k-step prediction models of ARMA processes. Systems and Control Letters, 1984, 4, 325-331.	2.3	15
183	Optimal instrumental-variable methods for identification of multivariable linear systems. Automatica, 1983, 19, 425-429.	5.0	19
184	Generalized Yule-Walker equations and testing the orders of multivariate time series. International Journal of Control, 1983, 37, 1159-1166.	1.9	35
185	On the parsimony principle. International Journal of Control, 1982, 36, 409-418.	1.9	30
186	Instrumental-variable methods for identification of Hammerstein systems. International Journal of Control, 1982, 35, 459-476.	1.9	145
187	Bias correction in least-squares identification. International Journal of Control, 1982, 35, 449-457.	1.9	100
188	On non-singular information matrices and local identifiability. International Journal of Control, 1982, 36, 323-329.	1.9	19
189	Eigenvalue location of certain matrices arising in convergence analysis problems. Automatica, 1982, 18, 487-489.	5.0	10
190	Analysis of an output error identification algorithm. Automatica, 1981, 17, 861-863.	5.0	18
191	On a procedure for structural identification. International Journal of Control, 1981, 33, 1177-1181.	1.9	8
192	Asymptotic behaviour of some bootstrap estimators. International Journal of Control, 1981, 33, 433-454.	1.9	23
193	On criterion selection and noise model parametrization for prediction-error identification methods. International Journal of Control, 1981, 34, 801-811.	1.9	2