

# Tryphon T Georgiou

## List of Publications by Year in descending order

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224  
papers

6,146  
citations

81743

39  
h-index

95083

68  
g-index

232  
all docs

232  
docs citations

232  
times ranked

2210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal robustness in the gap metric. IEEE Transactions on Automatic Control, 1990, 35, 673-686.	3.6	563
2	Stability theory for linear time-invariant plants with periodic digital controllers. IEEE Transactions on Automatic Control, 1988, 33, 820-832.	3.6	384
3	On the computation of the gap metric. Systems and Control Letters, 1988, 11, 253-257.	1.3	189
4	Robustness analysis of nonlinear feedback systems: an input-output approach. IEEE Transactions on Automatic Control, 1997, 42, 1200-1221.	3.6	186
5	A generalized entropy criterion for Nevanlinna-Pick interpolation with degree constraint. IEEE Transactions on Automatic Control, 2001, 45, 822-839.	3.6	168
6	On the Relation Between Optimal Transport and Schrödinger Bridges: A Stochastic Control Viewpoint. Journal of Optimization Theory and Applications, 2016, 169, 671-691.	0.8	150
7	Kullback-leibler approximation of spectral density functions. IEEE Transactions on Information Theory, 2003, 49, 2910-2917.	1.5	149
8	Optimal Steering of a Linear Stochastic System to a Final Probability Distribution, Part I. IEEE Transactions on Automatic Control, 2016, 61, 1158-1169.	3.6	142
9	A new approach to spectral estimation: a tunable high-resolution spectral estimator. IEEE Transactions on Signal Processing, 2000, 48, 3189-3205.	3.2	140
10	Realization of power spectra from partial covariance sequences. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1987, 35, 438-449.	2.0	120
11	Graph Curvature for Differentiating Cancer Networks. Scientific Reports, 2015, 5, 12323.	1.6	117
12	Colour of turbulence. Journal of Fluid Mechanics, 2017, 812, 636-680.	1.4	103
13	Noninvasive Estimation of Tissue Temperature Via High-Resolution Spectral Analysis Techniques. IEEE Transactions on Biomedical Engineering, 2005, 52, 221-228.	2.5	101
14	The interpolation problem with a degree constraint. IEEE Transactions on Automatic Control, 1999, 44, 631-635.	3.6	95
15	Optimal Steering of a Linear Stochastic System to a Final Probability Distribution, Part II. IEEE Transactions on Automatic Control, 2016, 61, 1170-1180.	3.6	92
16	Relative entropy and the multivariable multidimensional moment problem. IEEE Transactions on Information Theory, 2006, 52, 1052-1066.	1.5	91
17	Dynamics of relay relaxation oscillators. IEEE Transactions on Automatic Control, 2001, 46, 65-77.	3.6	90
18	Ricci curvature: An economic indicator for market fragility and systemic risk. Science Advances, 2016, 2, e1501495.	4.7	89

#	ARTICLE	IF	CITATIONS
19	The structure of state covariances and its relation to the power spectrum of the input. IEEE Transactions on Automatic Control, 2002, 47, 1056-1066.	3.6	86
20	Optimal Transport Over a Linear Dynamical System. IEEE Transactions on Automatic Control, 2017, 62, 2137-2152.	3.6	70
21	Spectral analysis based on the state covariance: the maximum entropy spectrum and linear fractional parametrization. IEEE Transactions on Automatic Control, 2002, 47, 1811-1823.	3.6	69
22	Robust Stability of Feedback Systems: A Geometric Approach Using the Gap Metric. SIAM Journal on Control and Optimization, 1993, 31, 1518-1537.	1.1	67
23	On stability and performance of sampled-data systems subject to wordlength constraint. IEEE Transactions on Automatic Control, 1994, 39, 2476-2481.	3.6	67
24	Robust stabilization in the gap metric: controller design for distributed plants. IEEE Transactions on Automatic Control, 1992, 37, 1133-1143.	3.6	66
25	Spectral estimation via selective harmonic amplification. IEEE Transactions on Automatic Control, 2001, 46, 29-42.	3.6	65
26	Distances and Riemannian Metrics for Spectral Density Functions. IEEE Transactions on Signal Processing, 2007, 55, 3995-4003.	3.2	64
27	Control, Signals, and Systems, 1993, 6, 195-223.	1.4	62
28	On the robust stability of linear time-invariant plants with unstructured uncertainty. IEEE Transactions on Automatic Control, 1987, 32, 201-207.	3.6	57
29	A Topological Approach to Nevanlinna's Pick Interpolation. SIAM Journal on Mathematical Analysis, 1987, 18, 1248-1260.	0.9	55
30	Generalized interpolation in $H^\infty$ with a complexity constraint. Transactions of the American Mathematical Society, 2004, 358, 965-987.	0.5	55
31	Solution of the general moment problem via a one-parameter imbedding. IEEE Transactions on Automatic Control, 2005, 50, 811-826.	3.6	54
32	Entropy and optimality in river deltas. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11651-11656.	3.3	51
33	The parallel projection operators of a nonlinear feedback system. Systems and Control Letters, 1993, 20, 79-85.	1.3	49
34	Entropic and Displacement Interpolation: A Computational Approach Using the Hilbert Metric. SIAM Journal on Applied Mathematics, 2016, 76, 2375-2396.	0.8	49
35	Network curvature as a hallmark of brain structural connectivity. Nature Communications, 2019, 10, 4937.	5.8	49
36	Explicit formulas for optimally robust controllers for delay systems. IEEE Transactions on Automatic Control, 1995, 40, 656-669.	3.6	46

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37	Metrics for Power Spectra: An Axiomatic Approach. IEEE Transactions on Signal Processing, 2009, 57, 859-867.	3.2	44
38	Worst case analysis of nonlinear systems. IEEE Transactions on Automatic Control, 1999, 44, 1180-1196.	3.6	43
39	Microstructure Imaging of Crossing (MIX) White Matter Fibers from diffusion MRI. Scientific Reports, 2016, 6, 38927.	1.6	43
40	Optimal Transport for Gaussian Mixture Models. IEEE Access, 2019, 7, 6269-6278.	2.6	42
41	w-Stability of feedback systems. Systems and Control Letters, 1989, 13, 271-277.	1.3	41
42	Stochastic Observability Test for Discrete-Time Kalman Filters. Journal of Guidance, Control, and Dynamics, 2009, 32, 1356-1370.	1.6	41
43	Optimal Steering of a Linear Stochastic System to a Final Probability Distributionâ€”Part III. IEEE Transactions on Automatic Control, 2018, 63, 3112-3118.	3.6	41
44	The Separation Principle in Stochastic Control, Redux. IEEE Transactions on Automatic Control, 2013, 58, 2481-2494.	3.6	40
45	Matrix Optimal Mass Transport: A Quantum Mechanical Approach. IEEE Transactions on Automatic Control, 2018, 63, 2612-2619.	3.6	39
46	Stochastic Control Liaisons: Richard Sinkhorn Meets Gaspard Monge on a SchrÃ¶dinger Bridge. SIAM Review, 2021, 63, 249-313.	4.2	38
47	Distances and Riemannian Metrics for Multivariate Spectral Densities. IEEE Transactions on Automatic Control, 2012, 57, 1723-1735.	3.6	37
48	Positive contraction mappings for classical and quantum SchrÃ¶dinger systems. Journal of Mathematical Physics, 2015, 56, .	0.5	37
49	Diffusion Dynamics and Optimal Coupling in Multiplex Networks with Directed Layers. Physical Review X, 2018, 8, .	2.8	36
50	Differential stability and robust control of nonlinear systems. Mathematics of Control, Signals, and Systems, 1993, 6, 289-306.	1.4	35
51	Intrinsic difficulties in using the doubly-infinite time axis for input-output control theory. IEEE Transactions on Automatic Control, 1995, 40, 516-518.	3.6	33
52	Stochastic Dynamical Modeling of Turbulent Flows. Annual Review of Control, Robotics, and Autonomous Systems, 2020, 3, 195-219.	7.5	33
53	Signal estimation via selective harmonic amplification: MUSIC, Redux. IEEE Transactions on Signal Processing, 2000, 48, 780-790.	3.2	31
54	On the computation of switching surfaces in optimal control: a Grobner basis approach. IEEE Transactions on Automatic Control, 2001, 46, 534-540.	3.6	31

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55	Numerical Solution of the Optimal Periodic Control Problem Using Differential Flatness. IEEE Transactions on Automatic Control, 2004, 49, 271-275.	3.6	29
56	On Matrix-Valued Monge–Kantorovich Optimal Mass Transport. IEEE Transactions on Automatic Control, 2015, 60, 373-382.	3.6	29
57	A Convex Optimization Approach to ARMA Modeling. IEEE Transactions on Automatic Control, 2008, 53, 1108-1119.	3.6	28
58	The Carathéodory–Fejér–Pisarenko Decomposition and Its Multivariable Counterpart. IEEE Transactions on Automatic Control, 2007, 52, 212-228.	3.6	26
59	Geometric Methods for Spectral Analysis. IEEE Transactions on Signal Processing, 2012, 60, 1064-1074.	3.2	25
60	A Constructive Algorithm for Sensitivity Optimization of Periodic Systems. SIAM Journal on Control and Optimization, 1987, 25, 334-340.	1.1	24
61	Fast cooling for a system of stochastic oscillators. Journal of Mathematical Physics, 2015, 56, .	0.5	24
62	On the definiteness of graph Laplacians with negative weights: Geometrical and passivity-based approaches. , 2016, , .		24
63	Robust Transport Over Networks. IEEE Transactions on Automatic Control, 2017, 62, 4675-4682.	3.6	24
64	Fractional SIR epidemiological models. Scientific Reports, 2020, 10, 20882.	1.6	24
65	Remarks on Control Design With Degree Constraint. IEEE Transactions on Automatic Control, 2006, 51, 1150-1156.	3.6	23
66	On the robust stabilizability of uncertain linear time-invariant plants using nonlinear time-varying controllers. Automatica, 1987, 23, 617-624.	3.0	22
67	Stochastic Control and Nonequilibrium Thermodynamics: Fundamental Limits. IEEE Transactions on Automatic Control, 2020, 65, 2979-2991.	3.6	22
68	Optimal Transport in Systems and Control. Annual Review of Control, Robotics, and Autonomous Systems, 2021, 4, 89-113.	7.5	22
69	Skew-prime polynomial matrices: The polynomial-model approach. Linear Algebra and Its Applications, 1983, 50, 403-435.	0.4	21
70	Distribution metrics and image segmentation. Linear Algebra and Its Applications, 2007, 425, 663-672.	0.4	21
71	A new distribution metric for image segmentation. Proceedings of SPIE, 2008, , .	0.8	21
72	Proximal Algorithms for Large-Scale Statistical Modeling and Sensor/Actuator Selection. IEEE Transactions on Automatic Control, 2020, 65, 3441-3456.	3.6	21

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73	Uncertainty Bounds for Spectral Estimation. IEEE Transactions on Automatic Control, 2013, 58, 1659-1673.	3.6	20
74	Low-Complexity Modeling of Partially Available Second-Order Statistics: Theory and an Efficient Matrix Completion Algorithm. IEEE Transactions on Automatic Control, 2017, 62, 1368-1383.	3.6	20
75	An Intrinsic Metric for Power Spectral Density Functions. IEEE Signal Processing Letters, 2007, 14, 561-563.	2.1	19
76	The Inverse Problem of Analytic Interpolation With Degree Constraint and Weight Selection for Control Synthesis. IEEE Transactions on Automatic Control, 2010, 55, 405-418.	3.6	19
77	Vector-Valued Optimal Mass Transport. SIAM Journal on Applied Mathematics, 2018, 78, 1682-1696.	0.8	19
78	Spectral Factorization and Nevanlinna-Pick Interpolation. SIAM Journal on Control and Optimization, 1987, 25, 754-766.	1.1	18
79	Spectral factorization of matrix-valued functions using interpolation theory. IEEE Transactions on Circuits and Systems, 1989, 36, 568-574.	0.9	18
80	Flexible structure experiments at JPL and WPAFB: H <sup>∞</sup> controller designs. International Journal of Control, 1993, 58, 1-19.	1.2	18
81	Coping with model error in variational data assimilation using optimal mass transport. Water Resources Research, 2014, 50, 5817-5830.	1.7	18
82	Optimal steering of inertial particles diffusing anisotropically with losses. , 2015, , .		18
83	Steering the Distribution of Agents in Mean-Field Games System. Journal of Optimization Theory and Applications, 2018, 179, 332-357.	0.8	18
84	Linear fractional transformations and spectral factorization. IEEE Transactions on Automatic Control, 1986, 31, 345-347.	3.6	17
85	On the Geometry of Covariance Matrices. IEEE Signal Processing Letters, 2013, 20, 787-790.	2.1	17
86	On the matrix Monge-Kantorovich problem. European Journal of Applied Mathematics, 2020, 31, 574-600.	1.4	17
87	Robustness of a relaxation oscillator. International Journal of Robust and Nonlinear Control, 2000, 10, 1005-1024.	2.1	16
88	Optimal periodic control of a drug delivery system. Computers and Chemical Engineering, 2008, 32, 2256-2262.	2.0	16
89	On the Covariance Completion Problem Under a Circulant Structure. IEEE Transactions on Automatic Control, 2011, 56, 918-922.	3.6	16
90	Matricial Wasserstein-1 Distance. , 2017, 1, 1-1.		16

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91	Maximal power output of a stochastic thermodynamic engine. <i>Automatica</i> , 2021, 123, 109366.	3.0	16
92	Metric uncertainty and nonlinear feedback stabilization. , 1995, , 88-98.		15
93	Validating Aircraft Models in the Gap Metric. <i>Journal of Aircraft</i> , 2014, 51, 1665-1672.	1.7	15
94	Measure-Valued Spline Curves: An Optimal Transport Viewpoint. <i>SIAM Journal on Mathematical Analysis</i> , 2018, 50, 5947-5968.	0.9	15
95	Signals and control aspects of optimal mass transport and the Boltzmann entropy. , 2010, , .		14
96	Linear Models Based on Noisy Data and the Frisch Scheme. <i>SIAM Review</i> , 2015, 57, 167-197.	4.2	14
97	Energy harvesting from anisotropic fluctuations. <i>Physical Review E</i> , 2021, 104, 044101.	0.8	14
98	Robust Control of Feedback Systems with Combined Plant and Controller Uncertainty. , 1990, , .		13
99	Upper and lower bounds for approximation in the gap metric. <i>IEEE Transactions on Automatic Control</i> , 1993, 38, 946-951.	3.6	13
100	An Efficient Algorithm for Matrix-Valued and Vector-Valued Optimal Mass Transport. <i>Journal of Scientific Computing</i> , 2018, 77, 79-100.	1.1	13
101	Stability Theory of Stochastic Models in Opinion Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 522-533.	3.6	13
102	On a large-gain theorem. <i>Systems and Control Letters</i> , 1997, 32, 231-234.	1.3	12
103	Avoiding ambiguity in beamspace processing. <i>IEEE Signal Processing Letters</i> , 2005, 12, 372-375.	2.1	12
104	Perturbation of system dynamics and the covariance completion problem. , 2016, , .		12
105	Efficient Robust Routing for Single Commodity Network Flows. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2287-2294.	3.6	12
106	On a Schur-algorithm based approach to spectral factorization: State-space formulae. <i>Systems and Control Letters</i> , 1988, 10, 123-129.	1.3	11
107	On a Schur-algorithm based approach to spectral factorization: connection with the Riccati equation. <i>Linear Algebra and Its Applications</i> , 1992, 171, 233-247.	0.4	11
108	$l_2$ state-feedback control with a prescribed rate of exponential convergence. <i>IEEE Transactions on Automatic Control</i> , 1997, 42, 1476-1481.	3.6	11

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109	Feedback control and the arrow of time. International Journal of Control, 2010, 83, 1325-1338.	1.2	11
110	Gradient flows in uncertainty propagation and filtering of linear Gaussian systems. , 2017, , .		11
111	Gradient Flows in Filtering and Fisher-Rao Geometry. , 2018, , .		11
112	Identification of linear systems: A graph point of view. , 1992, , .		11
113	Pointwise stabilizability of families of linear time-invariant plants. IEEE Transactions on Automatic Control, 1988, 33, 1161-1165.	3.6	10
114	Sparse factor analysis via likelihood and $\ell_1/\ell_2$ -regularization. , 2011, , .		10
115	Alternating direction optimization algorithms for covariance completion problems. , 2015, , .		10
116	Interpolation of matrices and matrix-valued densities: The unbalanced case. European Journal of Applied Mathematics, 2019, 30, 458-480.	1.4	10
117	Linear systems and robustness: a graph point of view. , 1992, , 114-121.		9
118	Likelihood Analysis of Power Spectra and Generalized Moment Problems. IEEE Transactions on Automatic Control, 2017, 62, 4580-4592.	3.6	9
119	Computational aspects of spectral factorization and the tangential Schur algorithm. IEEE Transactions on Circuits and Systems, 1989, 36, 103-108.	0.9	8
120	The Inverse Problem of Analytic Interpolation with Degree Constraint. , 2006, , .		8
121	State covariances and the matrix completion problem. , 2013, , .		8
122	Relaxed Schrödinger Bridges and Robust Network Routing. IEEE Transactions on Control of Network Systems, 2020, 7, 923-931.	2.4	8
123	Wasserstein Geometry of Quantum States and Optimal Transport of Matrix-Valued Measures. Lecture Notes in Control and Information Sciences - Proceedings, 2018, , 139-150.	0.1	8
124	Structured Covariances and Related Approximation Questions. , 0, , 135-140.		8
125	On the $\  \cdot \ _1$ norm of uncertain linear systems. IEEE Transactions on Automatic Control, 1995, 40, 1142-1147.	3.6	7
126	Signal analysis, moment problems & uncertainty measures. , 0, , .		7



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127	Decomposition of Toeplitz Matrices via Convex Optimization. IEEE Signal Processing Letters, 2006, 13, 537-540.	2.1	7
128	Weight Selection in Feedback Design With Degree Constraints. IEEE Transactions on Automatic Control, 2008, 53, 1951-1955.	3.6	7
129	An ADMM algorithm for matrix completion of partially known state covariances. , 2013, , .		7
130	Metrics for Matrix-valued Measures via Test Functions. , 2014, , .		7
131	Completion of partially known turbulent flow statistics. , 2014, , .		7
132	Steering state statistics with output feedback. , 2015, , .		7
133	Principles of Lossless Adjustable One-Ports. IEEE Transactions on Automatic Control, 2020, 65, 252-262.	3.6	7
134	Rotated Spectral Principal Component Analysis (rsPCA) for Identifying Dynamical Modes of Variability in Climate Systems. Journal of Climate, 2021, 34, 715-736.	1.2	7
135	Underdamped stochastic thermodynamic engines in contact with a heat bath with arbitrary temperature profile. Physical Review E, 2021, 103, 062103.	0.8	7
136	Analytic Interpolation With a Degree Constraint for Matrix-Valued Functions. IEEE Transactions on Automatic Control, 2010, 55, 1075-1088.	3.6	6
137	Stochastic Bridges of Linear Systems. IEEE Transactions on Automatic Control, 2015, , 1-1.	3.6	6
138	The Role of the Time-Arrow in Mean-Square Estimation of Stochastic Processes. , 2018, 2, 85-90.		6
139	Dynamic Relations in Sampled Processes. , 2019, 3, 144-149.		6
140	Covariance steering in zero-sum linear-quadratic two-player differential games. , 2019, , .		6
141	Topological approaches to robustness. , 1993, , 222-241.		5
142	Remarks on "Robustness analysis of nonlinear feedback systems: an input-output approach". IEEE Transactions on Automatic Control, 2001, 46, 171-172.	3.6	5
143	Tunable line spectral estimators based on state-covariance subspace analysis. IEEE Transactions on Signal Processing, 2006, 54, 2662-2671.	3.2	5
144	Regularization and Interpolation of Positive Matrices. IEEE Transactions on Automatic Control, 2018, 63, 1208-1212.	3.6	5

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145	On the Relation Between Information and Power in Stochastic Thermodynamic Engines. , 2022, 6, 434-439.		5
146	Toeplitz Covariance Matrices and the von Neumann Relative Entropy. , 2003, , 23-29.		5
147	Distances Between Time-Series and Their Autocorrelation Statistics. , 2007, , 113-122.		5
148	Geometry of Finite-Time Thermodynamic Cycles With Anisotropic Thermal Fluctuations. , 2022, 6, 3409-3414.		5
149	Thermodynamic engine powered by anisotropic fluctuations. Physical Review Research, 2022, 4, .	1.3	5
150	On the maximum entropy method for interval covariance sequences. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1815-1817.	2.0	4
151	The envelope of spectral power for stochastic processes. IEEE Transactions on Information Theory, 1994, 40, 584-588.	1.5	4
152	Two Alternative Views on Control Design with Degree Constraint. , 0, , .		4
153	Weight Selection in Interpolation with a Dimensionality Constraint. , 2006, , .		4
154	The Maximum Entropy Principle in the Absence of a Time-Arrow: Fractional-Pole Models. IEEE Transactions on Information Theory, 2007, 53, 2841-2851.	1.5	4
155	Tracking with a new distribution metric in a particle filtering framework. Proceedings of SPIE, 2008, , .	0.8	4
156	On time-reversibility of linear stochastic models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 10403-10408.	0.4	4
157	Proximal Recursion for the Wonham Filter. , 2019, , .		4
158	Controlling Uncertainty. IEEE Control Systems, 2021, 41, 82-94.	1.0	4
159	Geometric aspects of the Carathéodory extension problem. Linear Algebra and Its Applications, 1994, 203-204, 209-251.	0.4	3
160	Robustness of a relaxation oscillator. , 0, , .		3
161	Power spectral geodesics and tracking. , 2008, , .		3
162	Feedback control and the arrow of time. , 2008, , .		3

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163	Separation of system dynamics and line spectra via sparse representation. , 2010, , .		3
164	Geometry of correlation networks for studying the biology of cancer. , 2016, , .		3
165	Prof. Rudolf Emil Kalman [Obituary]. IEEE Control Systems, 2017, 37, 151-152.	1.0	3
166	Multi-marginal Schrödinger Bridges. Lecture Notes in Computer Science, 2019, , 725-732.	1.0	3
167	Interpolation of binary series based on Discrete-time Markov Chain Models. Water Resources Research, 1987, 23, 515-518.	1.7	2
168	Robust Stabilization in the Gap Metric: Controller Design for Distributed Plants. , 1990, , .		2
169	Global stability of periodic orbits in relay feedback systems. , 0, , .		2
170	The fractional integrator as a control design element. , 2007, , .		2
171	Robustness of $L_1$ adaptive controllers in the gap metric. , 2010, , .		2
172	A new method for moving-average parameter estimation. , 2010, , .		2
173	Revisiting the separation principle in stochastic control. , 2012, , .		2
174	Opinion Dynamics over Influence Networks. , 2019, , .		2
175	Statistical Learning in Wasserstein Space. , 2021, 5, 899-904.		2
176	Regularized Transport Between Singular Covariance Matrices. IEEE Transactions on Automatic Control, 2021, 66, 3339-3346.	3.6	2
177	Flexible structure experiments at JPL and WPAFB: $H_\infty$ controller designs. , 1992, , .		2
178	High resolution sensing and anisotropic segmentation for SAR imagery. , 0, , .		1
179	Computational aspects of spectral factorization and the tangential Schur algorithm. , 1987, , .		1
180	A flatness based algorithm for optimal periodic control problems. , 2001, , .		1

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181	Relative Entropy and Moment Problems. , 0, , .		1
182	Analytic interpolation with degree constraints: the multivariable case. Proceedings of the American Control Conference, 2007, , .	0.0	1
183	Robustness of $\mathcal{H}_\infty$ adaptive controllers in the gap metric in the presence of nonzero initialization. , 2010, , .		1
184	Metrics for multivariate power spectra. , 2012, , .		1
185	Geometric methods for structured covariance estimation. , 2012, , .		1
186	Matrix-valued Monge-Kantorovich optimal mass transport. , 2013, , .		1
187	A new approach to robust transportation over networks. , 2016, , .		1
188	Optimal Estimation With Missing Observations via Balanced Time-Symmetric Stochastic Models. IEEE Transactions on Automatic Control, 2017, 62, 5590-5603.	3.6	1
189	Rudolf E. Kalman's quest for algebraic characterizations of positivity. Annual Reviews in Control, 2018, 45, 205-206.	4.4	1
190	On a Fejér-Riesz factorization of generalized trigonometric polynomials. Communications in Information and Systems, 2021, 21, 371-384.	0.3	1
191	Advances in High-Resolution Spectral Estimation. Kluwer International Series in Engineering and Computer Science, 2000, , 167-179.	0.2	1
192	Optimal Mass Transport for Problems in Control, Statistical Estimation, and Image Analysis. , 2012, , 311-324.		1
193	Harvesting energy from a periodic heat bath. , 2020, , .		1
194	The Challenge of Small Data: Dynamic Mode Decomposition, Redux. , 2021, , .		1
195	The Most Likely Evolution of Diffusing and Vanishing Particles: Schrödinger Bridges with Unbalanced Marginals. SIAM Journal on Control and Optimization, 2022, 60, 2016-2039.	1.1	1
196	Robust stabilizability of linear time-invariant plants. , 1987, , .		0
197	Switching surfaces and groebner bases. , 1999, , 81-89.		0
198	The error variance of the optimal linear smoother and maximum-variance fractional pole models. , 2006, , .		0

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199	Transport metrics for power spectra. , 2008, , .		0
200	Weight selection for gap robustness with degree-constrained controllers. , 2008, , .		0
201	On the Jordan structure of the spectral-zero dynamics in multivariable analytic interpolation. , 2008, , .		0
202	Graceful switching in hybrid models. , 2009, , .		0
203	Geometric concepts and models in power spectral analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1529-1530.	0.4	0
204	Sparse Blind Source Separation via $\ell_1$ -Norm Optimization. Lecture Notes in Control and Information Sciences, 2010, , 321-330.	0.6	0
205	Memories from My Gainesville Days as a Student of R.E. Kalman [Historical Perspectives]. IEEE Control Systems, 2010, 30, 102-103.	1.0	0
206	The Wasserstein metric in Factor Analysis. , 2013, , 8-12.		0
207	The flatness of power spectral zeros and their significance in quadratic estimation. , 2014, , .		0
208	Optimal control of the state statistics for a linear stochastic system. , 2015, , .		0
209	Some geometric ideas for feature enhancement of diffusion tensor fields. , 2016, , .		0
210	Obituary for Professor Rudolf Emil Kalman. Automatica, 2016, 74, 370-371.	3.0	0
211	Structured covariance completion via proximal algorithms. , 2017, , .		0
212	Steering the Distribution of Agents in Mean-Field Games. , 2018, , .		0
213	Some Personal Reminisces About Bruce Allen Francis [Historical Perspectives]. IEEE Control Systems, 2018, 38, 93-95.	1.0	0
214	On optimal steering of a non-Markovian Gaussian process. , 2019, , .		0
215	Fast and Asymptotic Steering to a Steady State for Networks Flows. Lecture Notes in Computer Science, 2021, , 860-868.	1.0	0
216	Tryphon T. Georgiou [People in Control]. IEEE Control Systems, 2021, 41, 27-29.	1.0	0

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217	Maximal Entropy for Reconstruction of Back Projection Images. The IMA Volumes in Mathematics and Its Applications, 2003, , 57-64.	0.5	0
218	What is a natural notion of distance between power spectral density functions?. , 2007, , .		0
219	Sparse Blind Source Deconvolution with Application to High Resolution Frequency Analysis. , 2010, , 187-201.		0
220	On the Envelope of Spectral Power of Stochastic Processes. , 1991, , .		0
221	On a Schur-algorithm based approach to spectral factorization-The general case. , 1991, , .		0
222	Geometric Aspects of the Covariance Partial Realization Problem. , 1993, , .		0
223	The mixing of state statistics. , 0, , 207-211.		0
224	Macroscopic network circulation for planar graphs. IEEE Transactions on Control of Network Systems, 2022, , 1-1.	2.4	0