Christos K Kourtellaris

List of Publications by Year
in descending order

27	103	5	7
papers	citations	h-index	g-index

27	27	27	29
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complete Characterization of Gorbunov and Pinsker Nonanticipatory Epsilon Entropy of Multivariate Gaussian Sources: Structural Properties. IEEE Transactions on Information Theory, 2022, 68, 1440-1464.	2.4	1
2	Sequential Characterizations of Cover and Pombra Gaussian Feedback Capacity: Generalizations to MIMO Channels via Sufficient Statistic. , 2021, , .		1
3	Finite Blocklength Analysis of Multiple Access Channels With/Without Cooperation. IEEE Transactions on Communications, 2020, 68, 6317-6330.	7.8	6
4	From Feedback Capacity to Tight Achievable Rates without Feedback for AGN Channels with Stable and Unstable Autoregressive Noise. , 2020, , .		1
5	Structural Properties of Nonanticipatory Epsilon Entropy of Multivariate Gaussian Sources. , 2020, , .		8
6	New Formulas of Ergodic Feedback Capacity of AGN Channels Driven by Stable and Unstable Autoregressive Noise. , 2020, , .		3
7	Ergodic Control-Coding Capacity of Stochastic Control Systems: Information Signalling and Hierarchical Optimality of Gaussian Systems. SIAM Journal on Control and Optimization, 2020, 58, 104-135.	2.1	2
8	Finite Blocklength Analysis of the Multiple Access Relay Channel with Batch-and-Forward Strategy. , 2019, , .		1
9	Stability of a TDMA Network Subject to Finite Blocklength Constraints. , 2019, , .		1
10	Generalizations of Nonanticipative Rate Distortion Function to Multivariate Nonstationary Gaussian Autoregressive Processes. , 2019, , .		5
11	Short Packet Communications in Large-Scale Wireless Powered Networks. , 2019, , .		0
12	Information Structures for Feedback Capacity of Channels With Memory and Transmission Cost: Stochastic Optimal Control and Variational Equalities. IEEE Transactions on Information Theory, 2018, 64, 4962-4992.	2.4	15
13	Control-Coding Capacity of Decision Models Driven by Correlated Noise and Gaussian Application Examples. , 2018, , .		4
14	A General Coding Scheme for Signaling Gaussian Processes Over Gaussian Decision Models. , 2018, , .		1
15	Capacity Achieving Distributions and Separation Principle for Feedback Gaussian Channels With Memory: the LQG Theory of Directed Information. IEEE Transactions on Information Theory, 2018, 64, 6384-6418.	2.4	9
16	Directed Information Subject to a Fidelity. Applications to Conditionally Gaussian Processes. , 2018, , .		0
17	Information Transfer of Control Strategies: Dualities of Stochastic Optimal Control Theory and Feedback Capacity of Information Theory. IEEE Transactions on Automatic Control, 2017, 62, 5010-5025.	5.7	10
18	Sequential Necessary and Sufficient Conditions for Capacity Achieving Distributions of Channels With Memory and Feedback. IEEE Transactions on Information Theory, 2017, 63, 7095-7115.	2.4	11

#	Article	IF	Citations
19	Two-letter capacity formula for channels with memory and feedback. , 2017, , .		0
20	Hierarchical decomposition of optimal control and information strategies in control-coding capacity of stochastic systems. , 2017, , .		3
21	Robust Linear Quadratic Regulator for uncertain systems. , 2016, , .		10
22	Information transfer in stochastic optimal control with randomized strategies and directed information criterion. , 2016, , .		2
23	Optimal encoder and control strategies in stochastic control subject to rate constraints for channels with memory and feedback. , 2011, , .		5
24	Capacity of channels with memory and feedback: Encoder properties and dynamic programming. , 2010, , .		4
25	Rate distortion function with causal decoding. , 2010, , .		0
26	Minimax rate distortion for a class of sources. , 2010, , .		0
27	Stochastic control over finite capacity channels: Causality and feedback. , 2009, , .		0