Takashi Tanaka

List of Publications by Year
in descending order

26	223	1684188	1474206
papers	citations	5	9
		h-index	g-index

26	26	26	150
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized data rate allocation for dynamic sensor fusion over resource constrained communication networks. International Journal of Robust and Nonlinear Control, 2023, 33, 237-263.	3.7	1
2	Transfer-Entropy-Regularized Markov Decision Processes. IEEE Transactions on Automatic Control, 2022, 67, 1944-1951.	5.7	7
3	Sequential Source Coding for Stochastic Systems Subject to Finite Rate Constraints. IEEE Transactions on Automatic Control, 2022, 67, 3822-3835.	5.7	3
4	Entropy Maximization for Partially Observable Markov Decision Processes. IEEE Transactions on Automatic Control, 2022, 67, 6948-6955.	5.7	1
5	A Lower-Bound for Variable-Length Source Coding in Linear-Quadratic-Gaussian Control With Shared Randomness. , 2022, 6, 2918-2923.		2
6	Linearly Solvable Mean-Field Traffic Routing Games. IEEE Transactions on Automatic Control, 2021, 66, 880-887.	5.7	10
7	Rate of Prefix-free Codes in LQG Control Systems with Side Information. , 2021, , .		2
8	Rationally Inattentive Path-Planning via RRT. , 2021, , .		7
9	Point-Based Value Iteration and Approximately Optimal Dynamic Sensor Selection for Linear-Gaussian Processes. , 2021, 5, 2192-2197.		2
10	Dynamic Allocation of Visual Attention for Vision-based Autonomous Navigation under Data Rate Constraints. , 2021, , .		2
11	Security measure allocation for industrial control systems: Exploiting systematic search techniques and submodularity. International Journal of Robust and Nonlinear Control, 2020, 30, 4278-4302.	3.7	5
12	The Time-Invariant Multidimensional Gaussian Sequential Rate-Distortion Problem Revisited. IEEE Transactions on Automatic Control, 2020, 65, 2245-2249.	5.7	11
13	Scalable Synthesis of Minimum-Information Linear-Gaussian Control by Distributed Optimization. , 2020, , .		1
14	Closed-loop Parameter Identification of Linear Dynamical Systems through the Lens of Feedback Channel Coding Theory. , 2020, , .		0
15	Sparse LQR Synthesis via Information Regularization. , 2019, , .		1
16	Entropy-Regularized Stochastic Games. , 2019, , .		1
17	Linearly-Solvable Mean-Field Approximation for Multi-Team Road Traffic Games. , 2019, , .		1
18	Unpredictable Planning Under Partial Observability. , 2019, , .		6

#	Article	IF	Citations
19	LQG Control With Minimum Directed Information: Semidefinite Programming Approach. IEEE Transactions on Automatic Control, 2018, 63, 37-52.	5.7	65
20	Some Results on the Computation of Feedback Capacity of Gaussian Channels with Memory. , 2018, , .		3
21	Distributed Synthesis Using Accelerated ADMM. , 2018, , .		4
22	Stochastic Games with Sensing Costs. , 2018, , .		1
23	Linearly Solvable Mean-Field Road Traffic Games. , 2018, , .		3
24	On the Relationship between the VCG Mechanism and Market Clearing. , 2018, , .		8
25	Semidefinite Programming Approach to Gaussian Sequential Rate-Distortion Trade-Offs. IEEE Transactions on Automatic Control, 2017, 62, 1896-1910.	5.7	70
26	Optimal sensor design and zero-delay source coding for continuous-time vector Gauss-Markov processes. , 2017, , .		6