

Chetan D Pahlajani

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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1937685
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all docs

12
docs citations

12
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Networked Decision Making for Poisson Processes With Applications to Nuclear Detection. IEEE Transactions on Automatic Control, 2014, 59, 193-198.	5.7	23
2	Error probability bounds for nuclear detection: Improving accuracy through controlled mobility. Automatica, 2014, 50, 2470-2481.	5.0	18
3	Stochastic reduction method for biological chemical kinetics using time-scale separation. Journal of Theoretical Biology, 2011, 272, 96-112.	1.7	16
4	Stochastic receding horizon control for robots with probabilistic state constraints. , 2012, , .		12
5	Probability of success in stochastic robot navigation with state feedback. , 2011, , .		11
6	Decision making in sensor networks observing poisson processes. , 2013, , .		7
7	Optimal Navigation for Vehicles With Stochastic Dynamics. IEEE Transactions on Control Systems Technology, 2015, 23, 2003-2009.	5.2	5
8	Information-sharing and decision-making in networks of radiation detectors. Autonomous Robots, 2018, 42, 1715-1730.	4.8	3
9	Performance bounds for mismatched decision schemes with Poisson process observations. Systems and Control Letters, 2015, 75, 69-76.	2.3	2
10	Approximation of linear controlled dynamical systems with small random noise and fast periodic sampling. Mathematical Control and Related Fields, 2023, 13, 852-872.	1.1	1
11	Decision-Making Accuracy for Sensor Networks with Inhomogeneous Poisson Observations. Springer Proceedings in Advanced Robotics, 2018, , 177-190.	1.3	0
12	Asymptotic Analysis of Discrete-Time Models for Linear Control Systems with Fast Random Sampling. , 2021, , .		0