

# Prashanth La

## List of Publications by Year in descending order

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22  
papers

457  
citations

1307594

7  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement Learning With Function Approximation for Traffic Signal Control. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 412-421.	8.0	198
2	Stochastic Recursive Algorithms for Optimization. Lecture Notes in Control and Information Sciences, 2013, , .	1.0	61
3	Reinforcement learning with average cost for adaptive control of traffic lights at intersections. , 2011, , .		42
4	Threshold Tuning Using Stochastic Optimization for Graded Signal Control. IEEE Transactions on Vehicular Technology, 2012, 61, 3865-3880.	6.3	28
5	Variance-constrained actor-critic algorithms for discounted and average reward MDPs. Machine Learning, 2016, 105, 367-417.	5.4	28
6	Stochastic Optimization in a Cumulative Prospect Theory Framework. IEEE Transactions on Automatic Control, 2018, 63, 2867-2882.	5.7	21
7	Adaptive System Optimization Using Random Directions Stochastic Approximation. IEEE Transactions on Automatic Control, 2017, 62, 2223-2238.	5.7	17
8	Concentration bounds for empirical conditional value-at-risk: The unbounded case. Operations Research Letters, 2019, 47, 16-20.	0.7	14
9	Fast LSTD Using Stochastic Approximation: Finite Time Analysis and Application to Traffic Control. Lecture Notes in Computer Science, 2014, , 66-81.	1.3	7
10	Stochastic Optimization for Adaptive Labor Staffing in Service Systems. Lecture Notes in Computer Science, 2011, , 487-494.	1.3	6
11	Adaptive Smoothed Functional Algorithms for Optimal Staffing Levels in Service Systems. Service Science, 2013, 5, 29-55.	1.3	5
12	Two timescale convergent Q-learning for sleep-scheduling in wireless sensor networks. Wireless Networks, 2014, 20, 2589-2604.	3.0	5
13	Simultaneous Perturbation Newton Algorithms for Simulation Optimization. Journal of Optimization Theory and Applications, 2015, 164, 621-643.	1.5	5
14	Concentration bounds for temporal difference learning with linear function approximation: the case of batch data and uniform sampling. Machine Learning, 2021, 110, 559-618.	5.4	5
15	Random Directions Stochastic Approximation With Deterministic Perturbations. IEEE Transactions on Automatic Control, 2020, 65, 2450-2465.	5.7	4
16	OFDM-MAC algorithms and their impact on TCP performance in next generation mobile networks. , 2008, , .		2
17	Adaptive sleep-wake control using reinforcement learning in sensor networks. , 2014, , .		2
18	A constrained optimization perspective on actor-critic algorithms and application to network routing. Systems and Control Letters, 2016, 92, 46-51.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Simultaneous perturbation methods for adaptive labor staffing in service systems. <i>Simulation</i> , 2015, 91, 432-455.	1.8	1
20	Smoothed functional-based gradient algorithms for off-policy reinforcement learning: A non-asymptotic viewpoint. <i>Systems and Control Letters</i> , 2021, 155, 104988.	2.3	1
21	MAC Design for Heterogeneous Application Support in OFDM Based Wireless Systems. , 2008, , .		0
22	Improved Hessian estimation for adaptive random directions stochastic approximation. , 2016, , .		0