

# John N Tsitsiklis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9607615/publications.pdf>

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19  
papers

1,061  
citations

1040056

9  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	On Distributed Averaging Algorithms and Quantization Effects. IEEE Transactions on Automatic Control, 2009, 54, 2506-2517.	5.7	416
2	Rollout Algorithms for Combinatorial Optimization. Journal of Heuristics, 1997, 3, 245-262.	1.4	177
3	Distributed subgradient methods and quantization effects. , 2008, , .		110
4	NP-hardness of deciding convexity of quartic polynomials and related problems. Mathematical Programming, 2013, 137, 453-476.	2.4	79
5	On the Power of (Even a Little) Resource Pooling. Stochastic Systems, 2012, 2, 1-66.	1.1	76
6	Delay, Memory, and Messaging Tradeoffs in Distributed Service Systems. Stochastic Systems, 2018, 8, 45-74.	1.1	50
7	Large deviations analysis of the generalized processor sharing policy. Queueing Systems, 1999, 32, 319-349.	0.9	42
8	On distributed averaging algorithms and quantization effects. , 2008, , .		28
9	Degree Fluctuations and the Convergence Time of Consensus Algorithms. IEEE Transactions on Automatic Control, 2013, 58, 2626-2631.	5.7	19
10	On the Empirical State-Action Frequencies in Markov Decision Processes Under General Policies. Mathematics of Operations Research, 2005, 30, 545-561.	1.3	18
11	Delay Analysis of the Max-Weight Policy Under Heavy-Tailed Traffic via Fluid Approximations. Mathematics of Operations Research, 2018, 43, 460-493.	1.3	11
12	Delay-Predictability Trade-offs in Reaching a Secret Goal. Operations Research, 2018, 66, 587-596.	1.9	10
13	Degree fluctuations and the convergence time of consensus algorithms. , 2011, , .		7
14	Qualitative properties of $\hat{I}$ -weighted scheduling policies. Performance Evaluation Review, 2010, 38, 239-250.	0.6	5
15	Fluctuation Bounds for the Max-Weight Policy with Applications to State Space Collapse. Stochastic Systems, 2020, 10, 223-250.	1.1	5
16	Some issues in distributed asynchronous routing in virtual circuit data networks. , 1986, , .		4
17	Private Sequential Learning. Operations Research, 2021, 69, 1575-1590.	1.9	2
18	Sensitivity to Cumulative Perturbations for a Class of Piecewise Constant Hybrid Systems. IEEE Transactions on Automatic Control, 2020, 65, 1057-1072.	5.7	1

#	ARTICLE	IF	CITATIONS
19	Stability, Memory, and Messaging Trade-Offs in Heterogeneous Service Systems. Mathematics of Operations Research, 2022, 47, 1862-1874.	1.3	1