

# Konstantin Avrachenkov

## List of Publications by Year in descending order

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Version: 2024-02-01

210  
papers

3,152  
citations

201385

27  
h-index

276539

41  
g-index

217  
all docs

217  
docs citations

217  
times ranked

1662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Social Learning Under Graph Constraints. IEEE Transactions on Control of Network Systems, 2022, 9, 1435-1446.	2.4	1
2	Online algorithms for estimating change rates of web pages. Performance Evaluation, 2022, 153, 102261.	0.9	7
3	Whittle index based Q-learning for restless bandits with average reward. Automatica, 2022, 139, 110186.	3.0	11
4	LP based upper and lower bounds for Cesàro and Abel limits of the optimal values in problems of control of stochastic discrete time systems. Journal of Mathematical Analysis and Applications, 2022, 512, 126121.	0.5	2
5	Stability and partial instability of multi-class retrial queues. Queueing Systems, 2022, 100, 177-179.	0.6	2
6	Full Gradient DQN Reinforcement Learning: A Provably Convergent Scheme. Emergence, Complexity and Computation, 2021, , 192-220.	0.2	1
7	Higher-Order Spectral Clustering for Geometric Graphs. Journal of Fourier Analysis and Applications, 2021, 27, 1.	0.5	4
8	Cluster-size constrained network partitioning. , 2021, , .		0
9	Graph Diffusion & PCA Framework for Semi-supervised Learning. Lecture Notes in Computer Science, 2021, , 25-39.	1.0	2
10	LP Based Bounds for Cesàro and Abel Limits of the Optimal Values in Non-ergodic Stochastic Systems. , 2021, , .		0
11	Deep Reinforcement Learning for Web Crawling. , 2021, , .		4
12	Learning to count: A deep learning framework for graphlet count estimation. Network Science, 2020, , 1-38.	0.8	2
13	Cliques in high-dimensional random geometric graphs. Applied Network Science, 2020, 5, .	0.8	3
14	Cliques in High-Dimensional Random Geometric Graphs. Studies in Computational Intelligence, 2020, , 591-600.	0.7	2
15	EVOLUTIONARY DYNAMICS IN DISCRETE TIME FOR THE PERTURBED POSITIVE DEFINITE REPLICATOR EQUATION. ANZIAM Journal, 2020, 62, 148-184.	0.3	2
16	Change Rate Estimation and Optimal Freshness in Web Page Crawling. , 2020, , .		6
17	GenPR: Generative PageRank Framework for Semi-supervised Learning on Citation Graphs. Communications in Computer and Information Science, 2020, , 158-165.	0.4	1
18	LFGCN: Levitating over Graphs with Levy Flights. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
19	Metastability in Stochastic Replicator Dynamics. <i>Dynamic Games and Applications</i> , 2019, 9, 366-390.	1.1	9
20	Zero-Sum Stochastic Games over the Field of Real Algebraic Numbers. <i>Dynamic Games and Applications</i> , 2019, 9, 1026-1041.	1.1	0
21	Spectral Analysis of the Adjacency Matrix of Random Geometric Graphs. , 2019, , .		2
22	Distributed Cooperative Caching for Utility Maximization of VoD Systems. , 2019, , .		0
23	A learning algorithm for the Whittle index policy for scheduling web crawlers. , 2019, , .		3
24	Similarities on graphs: Kernels versus proximity measures. <i>European Journal of Combinatorics</i> , 2019, 80, 47-56.	0.5	12
25	Stochastic Coalitional Better-Response Dynamics for Finite Games with Application to Network Formation Games. , 2019, , 185-199.		0
26	On the Escape Probability Estimation in Large Graphs. , 2019, , .		0
27	Distributed Cooperative Caching for VoD with Geographic Constraints. , 2019, , .		3
28	The Power of Side-Information in Subgraph Detection. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 1905-1919.	3.2	10
29	Hitting Times in Markov Chains with Restart and their Application to Network Centrality. <i>Methodology and Computing in Applied Probability</i> , 2018, 20, 1173-1188.	0.7	17
30	Revisiting random walk based sampling in networks: evasion of burn-in period and frequent regenerations. <i>Computational Social Networks</i> , 2018, 5, 4.	2.1	2
31	Whittle Index Policy for Crawling Ephemeral Content. <i>IEEE Transactions on Control of Network Systems</i> , 2018, 5, 446-455.	2.4	20
32	Network partitioning algorithms as cooperative games. <i>Computational Social Networks</i> , 2018, 5, 11.	2.1	9
33	Impulsive Control for G-AIMD Dynamics with Relaxed and Hard Constraints. , 2018, , .		3
34	Multi-Path Alpha-Fair Resource Allocation at Scale in Distributed Software-Defined Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2018, 36, 2655-2666.	9.7	15
35	Mean Field Analysis of Personalized PageRank with Implications for Local Graph Clustering. <i>Journal of Statistical Physics</i> , 2018, 173, 895-916.	0.5	7
36	Analysis of Relaxation Time in Random Walk with Jumps. <i>Lecture Notes in Computer Science</i> , 2018, , 70-82.	1.0	1

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37	On the equivalence between multiclass processor sharing and random order scheduling policies. Performance Evaluation Review, 2018, 45, 2-6.	0.4	1
38	Lower Bounds for the Fair Resource Allocation Problem. Performance Evaluation Review, 2018, 45, 167-173.	0.4	2
39	Kernels on Graphs as Proximity Measures. Lecture Notes in Computer Science, 2017, , 27-41.	1.0	12
40	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. , 2017, , .		15
41	Optimization of caching devices with geometric constraints. Performance Evaluation, 2017, 113, 68-82.	0.9	13
42	Cooperative Game Theory Approaches for Network Partitioning. Lecture Notes in Computer Science, 2017, , 591-602.	1.0	8
43	Linear-quadratic discrete-time dynamic potential games. Automation and Remote Control, 2017, 78, 1537-1544.	0.4	4
44	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. Performance Evaluation Review, 2017, 45, 2-2.	0.4	1
45	Semi-supervised learning with regularized Laplacian. Optimization Methods and Software, 2017, 32, 222-236.	1.6	11
46	Fractional graph-based semi-supervised learning. , 2017, , .		6
47	Hamiltonian system approach to distributed spectral decomposition in networks. , 2017, , .		0
48	Belief propagation for subgraph detection with imperfect side-information. , 2017, , .		2
49	Controlling G-AIMD by index policy. , 2017, , .		5
50	Real-Time Fair Resource Allocation in Distributed Software Defined Networks. , 2017, , .		4
51	A Low-Complexity Approach to Distributed Cooperative Caching with Geographic Constraints. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2017, 1, 1-25.	1.4	32
52	On transition matrices of Markov chains corresponding to Hamiltonian cycles. Annals of Operations Research, 2016, 243, 19-35.	2.6	13
53	Game-Theoretic Centrality Measures for Weighted Graphs. Fundamenta Informaticae, 2016, 145, 341-358.	0.3	3
54	Characterization of $L^1$ -norm statistic for anomaly detection in Erdős-Rényi graphs. , 2016, , .		2

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55	Distributed spectral decomposition in networks by complex diffusion and quantum random walk. , 2016, , .		4
56	Subsampling for Chain-Referral Methods. Lecture Notes in Computer Science, 2016, , 17-31.	1.0	5
57	Stochastic coalitional better-response dynamics and stable equilibrium. Automation and Remote Control, 2016, 77, 2227-2238.	0.4	3
58	Stability of Constant Retrial Rate Systems with NBU Input*. Journal of Mathematical Sciences, 2016, 214, 22-33.	0.1	0
59	Finite-buffer polling systems with threshold-based switching policy. Top, 2016, 24, 541-571.	1.1	10
60	Singularly perturbed linear programs and Markov decision processes. Operations Research Letters, 2016, 44, 297-301.	0.5	2
61	Sufficient stability conditions for multi-class constant retrial rate systems. Queueing Systems, 2016, 82, 149-171.	0.6	32
62	Comparison of Random Walk Based Techniques for Estimating Network Averages. Lecture Notes in Computer Science, 2016, , 27-38.	1.0	2
63	Inference in OSNs via Lightweight Partial Crawls. , 2016, , .		5
64	Inference in OSNs via Lightweight Partial Crawls. Performance Evaluation Review, 2016, 44, 165-177.	0.4	4
65	Distributed and Asynchronous Methods for Semi-supervised Learning. Lecture Notes in Computer Science, 2016, , 34-46.	1.0	4
66	On Mixing in Pairwise Markov Random Fields with Application to Social Networks. Lecture Notes in Computer Science, 2016, , 127-139.	1.0	0
67	Network formation games with teams. Journal of Dynamics and Games, 2016, 3, 303-318.	0.6	1
68	Whittle index policy for crawling ephemeral content. , 2015, , .		4
69	Characterization of random matrix eigenvectors for stochastic block model. , 2015, , .		4
70	Distribution and dependence of extremes in network sampling processes. Computational Social Networks, 2015, 2, .	2.1	3
71	Spectral properties of random matrices for stochastic block model. , 2015, , .		25
72	Cooperative network design: A Nash bargaining solution approach. Computer Networks, 2015, 83, 265-279.	3.2	21

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73	Optimal and Equilibrium Retrial Rates in Single-Server Multi-orbit Retrial Systems. Lecture Notes in Computer Science, 2015, , 135-146.	1.0	1
74	Infinite horizon optimal impulsive control with applications to Internet congestion control. International Journal of Control, 2015, 88, 703-716.	1.2	26
75	Distributed Weight Selection in Consensus Protocols by Schatten Norm Minimization. IEEE Transactions on Automatic Control, 2015, 60, 1350-1355.	3.6	16
76	PageRank in Undirected Random Graphs. Lecture Notes in Computer Science, 2015, , 151-163.	1.0	6
77	Quick Detection of Nodes with Large Degrees. Internet Mathematics, 2014, 10, 1-19.	0.7	15
78	Pay few, influence most: Online myopic network covering. , 2014, , .		21
79	STABILITY ANALYSIS AND SIMULATION OF N-CLASS RETRIAL SYSTEM WITH CONSTANT RETRIAL RATES AND POISSON INPUTS. Asia-Pacific Journal of Operational Research, 2014, 31, 1440002.	0.9	16
80	Quick Detection of High-Degree Entities in Large Directed Networks. , 2014, , .		14
81	Distribution and Dependence of Extremes in Network Sampling Processes. , 2014, , .		8
82	Distributed storage in the plane. , 2014, , .		25
83	Graph clustering based on mixing time of random walks. , 2014, , .		3
84	Personalized PageRank with Node-Dependent Restart. Lecture Notes in Computer Science, 2014, , 23-33.	1.0	9
85	Confidence Intervals for the Shapley-Shubik Power Index in Markovian Games. Dynamic Games and Applications, 2014, 4, 10-31.	1.1	0
86	A retrial system with two input streams and two orbit queues. Queueing Systems, 2014, 77, 1-31.	0.6	42
87	Stability analysis of GI/GI/c/K retrial queue with constant retrial rate. Mathematical Methods of Operations Research, 2014, 79, 273-291.	0.4	13
88	Congestion control of TCP flows in Internet routers by means of index policy. Computer Networks, 2013, 57, 3463-3478.	3.2	26
89	Maximum entropy mixing time of circulant Markov processes. Statistics and Probability Letters, 2013, 83, 768-773.	0.4	3
90	Analytic perturbation of generalized inverses. Linear Algebra and Its Applications, 2013, 438, 1793-1813.	0.4	7

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91	Cooperative Markov decision processes: time consistency, greedy players satisfaction, and cooperation maintenance. International Journal of Game Theory, 2013, 42, 239-262.	0.5	9
92	Markov Processes with Restart. Journal of Applied Probability, 2013, 50, 960-968.	0.4	14
93	Markov Processes with Restart. Journal of Applied Probability, 2013, 50, 960-968.	0.4	5
94	On the Choice of Kernel and Labelled Data in Semi-supervised Learning Methods. Lecture Notes in Computer Science, 2013, , 56-67.	1.0	10
95	Alpha Current Flow Betweenness Centrality. Lecture Notes in Computer Science, 2013, , 106-117.	1.0	7
96	Optimal congestion control of TCP flows for internet routers. Performance Evaluation Review, 2012, 40, 62-64.	0.4	2
97	Slow fading channel selection: A restless multi-armed bandit formulation. , 2012, , .		4
98	Classification of content and users in BitTorrent by semi-supervised learning methods. , 2012, , .		7
99	Generalized Optimization Framework for Graph-based Semi-supervised Learning. , 2012, , .		28
100	Constraint augmentation in pseudo-singularly perturbed linear programs. Mathematical Programming, 2012, 132, 179-208.	1.6	5
101	Multiscale fairness and its application to resource allocation in wireless networks. Computer Communications, 2012, 35, 820-828.	3.1	13
102	Algorithms for uniform optimal strategies in two-player zero-sum stochastic games with perfect information. Operations Research Letters, 2012, 40, 56-60.	0.5	5
103	Jamming Game in a Dynamic Slotted ALOHA Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 429-443.	0.2	20
104	Equilibriums in slow fading interfering channels with partial knowledge of the channels. , 2011, , .		0
105	A local average consensus algorithm for wireless sensor networks. , 2011, , .		35
106	Stochastic Games for Cooperative Network Routing and Epidemic Spread. , 2011, , .		1
107	Jamming in Wireless Networks Under Uncertainty. Mobile Networks and Applications, 2011, 16, 246-254.	2.2	45
108	Closed form solutions for water-filling problems in optimization and game frameworks. Telecommunication Systems, 2011, 47, 153-164.	1.6	35

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109	A game theoretic analysis of network design with socially-aware users. Computer Networks, 2011, 55, 106-118.	3.2	9
110	Optimal threshold control by the robots of web search engines with obsolescence of documents. Computer Networks, 2011, 55, 1880-1893.	3.2	11
111	A heterogeneous approach to fair resource allocation and its application in femtocell networks. , 2011, , .		1
112	Network-wide monitoring through self-configuring adaptive system. , 2011, , .		3
113	A Nash Bargaining Solution for Cooperative Network Formation Games. Lecture Notes in Computer Science, 2011, , 307-318.	1.0	15
114	Multiscale Fairness and Its Application to Resource Allocation in Wireless Networks. Lecture Notes in Computer Science, 2011, , 225-237.	1.0	2
115	Quick Detection of Top-k Personalized PageRank Lists. Lecture Notes in Computer Science, 2011, , 50-61.	1.0	31
116	Asymptotic Fluid Optimality and Efficiency of the Tracking Policy for Bandwidth-Sharing Networks. Journal of Applied Probability, 2011, 48, 90-113.	0.4	2
117	Throughput and QoS Pricing in Wireless Communication. , 2011, , .		1
118	Hamiltonian Transition Matrices. , 2011, , .		0
119	Convergence of trajectories and optimal buffer sizing for MIMD congestion control. Computer Communications, 2010, 33, 149-159.	3.1	5
120	Multivariate polynomial perturbations of algebraic equations. Journal of Mathematical Analysis and Applications, 2010, 369, 214-221.	0.5	1
121	Fair resource allocation in wireless networks in the presence of a jammer. Performance Evaluation, 2010, 67, 338-349.	0.9	30
122	Convergence of trajectories and optimal buffer sizing for AIMD congestion control. Performance Evaluation, 2010, 67, 501-527.	0.9	5
123	On tandem blocking queues with a common retrial queue. Computers and Operations Research, 2010, 37, 1174-1180.	2.4	35
124	Quasi-stationary distributions as centrality measures for the giant strongly connected component of a reducible graph. Journal of Computational and Applied Mathematics, 2010, 234, 3075-3090.	1.1	6
125	Socially-Aware Network Design Games. , 2010, , .		13
126	Competitive Unlicensed Spectrum Sharing with Partial Information on Slow Fading Channels. Lecture Notes in Computer Science, 2010, , 158-169.	1.0	2



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127	Retrial Queueing Model MMAP/M 2/1 with Two Orbits. Lecture Notes in Computer Science, 2010, , 107-118.	1.0	3
128	Improving Random Walk Estimation Accuracy with Uniform Restarts. Lecture Notes in Computer Science, 2010, , 98-109.	1.0	51
129	Passive Online RTT Estimation for Flow-Aware Routers Using One-Way Traffic. Lecture Notes in Computer Science, 2010, , 109-121.	1.0	8
130	Modelling an Isolated Compound TCP Connection. , 2009, , .		2
131	Optimal choice of threshold in Two Level Processor Sharing. Annals of Operations Research, 2009, 170, 21-39.	2.6	7
132	Inversion of analytically perturbed linear operators that are singular at the origin. Journal of Mathematical Analysis and Applications, 2009, 353, 68-84.	0.5	13
133	Jamming in wireless networks: The case of several jammers. , 2009, , .		43
134	Jamming in wireless networks under uncertainty. , 2009, , .		8
135	Dynamic Discrete Power Control in Cellular Networks. IEEE Transactions on Automatic Control, 2009, 54, 2328-2340.	3.6	29
136	Special Issue on Algorithms and Models for the Web Graph. Internet Mathematics, 2009, 6, 255-256.	0.7	0
137	Transmission Power Control Game with SINR as Objective Function. Lecture Notes in Computer Science, 2009, , 112-120.	1.0	20
138	Compound TCP with Random Losses. Lecture Notes in Computer Science, 2009, , 482-494.	1.0	8
139	Alpha-Fair Resource Allocation under Incomplete Information and Presence of a Jammer. Lecture Notes in Computer Science, 2009, , 219-233.	1.0	4
140	Jamming game with incomplete information about the jammer. , 2009, , .		7
141	Constrained cost-coupled stochastic games with independent state processes. Operations Research Letters, 2008, 36, 160-164.	0.5	73
142	Closed Form Solutions for Symmetric Water Filling Games. , 2008, , .		25
143	Improving TCP fairness with the MarkMax policy. , 2008, , .		3
144	Generalized $\alpha$ -fair resource allocation in wireless networks. , 2008, , .		38

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145	RETRIAL NETWORKS WITH FINITE BUFFERS AND THEIR APPLICATION TO INTERNET DATA TRAFFIC. Probability in the Engineering and Informational Sciences, 2008, 22, 519-536.	0.6	48
146	Pagerank based clustering of hypertext document collections. , 2008, , .		28
147	A Singular Perturbation Approach for Choosing the PageRank Damping Factor. Internet Mathematics, 2008, 5, 47-69.	0.7	27
148	Fair resource allocation in wireless networks in the presence of a jammer. , 2008, , .		4
149	Closed Form Solutions for Symmetric Water Filling Games. , 2008, , .		1
150	Discrete Power Control: Cooperative and Non-Cooperative Optimization. , 2007, , .		27
151	A Jamming Game in Wireless Networks with Transmission Cost. , 2007, , 1-12.		90
152	Monte Carlo Methods in PageRank Computation: When One Iteration is Sufficient. SIAM Journal on Numerical Analysis, 2007, 45, 890-904.	1.1	170
153	Inter-protocol fairness between TCP New Reno and TCP Westwood. , 2007, , .		2
154	Distribution of PageRank Mass Among Principle Components of the Web. , 2007, , 16-28.		15
155	Closed form solutions for water-filling problems in optimization and game frameworks. , 2007, , .		5
156	A Multilevel Approach for the Modelling of Large TCP/IP Networks. , 2007, , 69-103.		0
157	Discussion on: "A Gradient-based Repetitive Control Algorithm Combining ILC and Pole Placement", European Journal of Control, 2006, 12, 293-295.	1.6	0
158	A survey on discriminatory processor sharing. Queueing Systems, 2006, 53, 53-63.	0.6	76
159	Randomized pushing-out in the priority queueing with a finite buffer size. Journal of Mathematical Sciences, 2006, 138, 5460-5466.	0.1	0
160	Web graph analyzer tool. , 2006, , .		2
161	PageRank of Scale-Free Growing Networks. Internet Mathematics, 2006, 3, 207-231.	0.7	36
162	The Effect of New Links on Google Pagerank. Stochastic Models, 2006, 22, 319-331.	0.3	77

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163	Analysis of TCP-AQM Interaction Via Periodic Optimization and Linear Programming: The Case of Sigmoidal Utility Function. Lecture Notes in Computer Science, 2006, , 517-529.	1.0	2
164	Priority queueing with finite buffer size and randomized push-out mechanism. Performance Evaluation, 2005, 61, 1-16.	0.9	28
165	Performance analysis of AIMD mechanisms over a multi-state Markovian path. Computer Networks, 2005, 47, 307-326.	3.2	11
166	Zero-sum constrained stochastic games with independent state processes. Mathematical Methods of Operations Research, 2005, 62, 375-386.	0.4	37
167	Analysis of MIMD congestion control algorithm for high speed networks. Computer Networks, 2005, 48, 972-989.	3.2	8
168	Comparative Study of Different Adaptive Window Protocols. Telecommunication Systems, 2005, 30, 321-350.	1.6	3
169	Fairness in MIMD Congestion Control Algorithms. Telecommunication Systems, 2005, 30, 387-415.	1.6	24
170	Flow Control as a Stochastic Optimal Control Problem with Incomplete Information. Problems of Information Transmission, 2005, 41, 150-170.	0.3	29
171	Batch Arrival Processor-Sharing with Application to Multi-Level Processor-Sharing Scheduling. Queueing Systems, 2005, 50, 459-480.	0.6	21
172	A stochastic model of TCP/IP with stationary random losses. IEEE/ACM Transactions on Networking, 2005, 13, 356-369.	2.6	106
173	The first Laurent series coefficients for singularly perturbed stochastic matrices. Linear Algebra and Its Applications, 2004, 386, 243-259.	0.4	16
174	Perturbation analysis for denumerable Markov chains with application to queueing models. Advances in Applied Probability, 2004, 36, 839-853.	0.4	67
175	Perturbation of null spaces with application to the eigenvalue problem and generalized inverses. Linear Algebra and Its Applications, 2003, 369, 1-25.	0.4	27
176	A simulation study of TCP performance over UMTS downlink. , 2003, , .		8
177	Priority queueing with finite buffer size and randomized push-out mechanism. Performance Evaluation Review, 2003, 31, 324-325.	0.4	3
178	Updating Procedures For Iterative Learning Control In Hilbert Space. Intelligent Automation and Soft Computing, 2002, 8, 183-189.	1.6	0
179	Service Differentiation and Guarantees for TCP-based Elastic Traffic. Lecture Notes in Computer Science, 2002, , 159-168.	1.0	2
180	Analytic perturbation of Sylvester matrix equations. IEEE Transactions on Automatic Control, 2002, 47, 1116-1119.	3.6	5

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181	State-dependent M/G/1 type queueing analysis for congestion control in data networks. Computer Networks, 2002, 39, 789-808.	3.2	36
182	An asymptotic simplex method for singularly perturbed linear programs. Operations Research Letters, 2002, 30, 295-307.	0.5	13
183	Fuzzy Markov Chains and Decision-Making. Fuzzy Optimization and Decision Making, 2002, 1, 143-159.	3.4	70
184	Singular Perturbations of Markov Chains and Decision Processes. Profiles in Operations Research, 2002, , 113-150.	0.3	24
185	Inversion of Analytic Matrix Functions That are Singular at the Origin. SIAM Journal on Matrix Analysis and Applications, 2001, 22, 1175-1189.	0.7	38
186	The Multi-Dimensional Version of $\int_a^b x^p dx$ . American Mathematical Monthly, 2001, 108, 151-154.	0.2	11
187	The Multi-Dimensional Version of $\int_a^b x^p dx$ . American Mathematical Monthly, 2001, 108, 151.	0.2	11
188	TCP over a multi-state Markovian path. , 2001, , 103-122.		6
189	TCP in presence of bursty losses. Performance Evaluation, 2000, 42, 129-147.	0.9	31
190	A stochastic model of TCP/IP with stationary random losses. , 2000, , .		60
191	A stochastic model of TCP/IP with stationary random losses. Computer Communication Review, 2000, 30, 231-242.	1.5	98
192	TCP in presence of bursty losses. , 2000, , .		30
193	TCP in presence of bursty losses. Performance Evaluation Review, 2000, 28, 124-133.	0.4	5
194	Singularly Perturbed Finite Markov Chains with General Ergodic Structure. , 2000, , 429-432.		1
195	An asymptotic simplex method for parametric linear programming. , 1999, , .		1
196	Sensitive discount optimality via nested linear programs for ergodic Markov decision processes. , 1999, , .		1
197	The fundamental matrix of singularly perturbed Markov chains. Advances in Applied Probability, 1999, 31, 679-697.	0.4	13
198	The fundamental matrix of singularly perturbed Markov chains. Advances in Applied Probability, 1999, 31, 679-697.	0.4	15

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199	TCP network calculus: the case of large delay-bandwidth product. , 0, , .		24
200	Analytic perturbation of Sylvester and Lyapunov matrix equations. , 0, , .		1
201	State-dependent M/G/1 type queueing analysis for congestion control in data networks. , 0, , .		6
202	Inversion of perturbed linear operators that are singular at the origin. , 0, , .		1
203	Differentiation between short and long TCP flows: predictability of the response time. , 0, , .		46
204	Flow control as stochastic optimal control problem with incomplete information. , 0, , .		15
205	Discriminatory processor sharing revisited. , 0, , .		32
206	Performance analysis and stochastic stability of congestion control protocols. , 0, , .		16
207	Optimal choice of the buffer size in the Internet routers. , 0, , .		21
208	Evolutionary dynamics in discrete time for the perturbed positive definite replicator equation. ANZIAM Journal, 0, 62, 148-184.	0.0	0
209	PageRank in undirected random graphs. Internet Mathematics, 0, , .	0.7	3
210	On the Normalized Laplacian Spectra of Random Geometric Graphs. Journal of Theoretical Probability, 0, , 1.	0.4	0