Mine Caglar

List of Publications by Year
in descending order

47	231	1306789 7	1199166 12
papers	citations	h-index	g-index

47	47	47	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conditional law and occupation times of two-sided sticky Brownian motion. Statistics and Probability Letters, 2020, 165, 108856.	0.4	3
2	Ã‡inlar subgrid scale model for large eddy simulation. Applied Mathematics and Computation, 2018, 322, 89-99.	1.4	4
3	Planar Brownian flows with rank-based characteristics. AIP Conference Proceedings, 2018, , .	0.3	0
4	The 2nd Symposium on Multiscale, Multiphase, Multiphysics and Turbulent Flow Simulations. AIP Conference Proceedings, 2018, , .	0.3	0
5	Ã‡inlar model at fully developed channel flow for ReÏ„ = 2000. AIP Conference Proceedings, 2018, , .	0.3	0
6	Correlated Coalescing Brownian Flows on R and the Circle. Alea, 2018, 15, 1447.	0.3	3
7	Conditional speed of branching Brownian motion, skeleton decomposition and application to random obstacles. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2017, 53, .	0.7	7
8	Maximum loss and maximum gain of spectrally negative LÃ©vy processes. Extremes, 2017, 20, 301-308.	0.5	1
9	Application of stochastic flows to the sticky Brownian motion equation. Electronic Communications in Probability, 2017, 22, .	0.1	10
10	On the Modeling of CO₂ EUA and CER Prices of EUâ€ETS for the 2008â€“2012 Period. Applied Stochastic Models in Business and Industry, 2016, 32, 375-395.	0.9	7
11	The Energy Spectrum of Stochastic Eddies with Gamma Distribution. Applied Mathematics and Information Sciences, 2015, 9, 39-49.	0.7	2
12	Parameter estimation of an agentâ€based stock price model. Applied Stochastic Models in Business and Industry, 2014, 30, 227-239.	0.9	3
13	Analysis of push-type epidemic data dissemination in fully connected networks. Performance Evaluation, 2014, 77, 21-36.	0.9	2
14	Distribution of maximum loss of fractional Brownian motion with drift. Statistics and Probability Letters, 2013, 83, 2729-2734.	0.4	6
15	Tail probability of avoiding Poisson traps for branching Brownian motion. Statistics and Probability Letters, 2013, 83, 2034-2038.	0.4	3
16	Applying generalized urn models to cognitive radio networks. , 2013, , .		0
17	A statistical subgrid scale model for large eddy simulations. , 2013, , .		0
18	Preface of the "Symposium on turbulent flows: Modeling and solution algorithms". , 2013, , .		0

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19	Quantitative analysis of immunogold labeling for basic fibroblast growth factor according to the activational stages of mast cells. Analytical and Quantitative Cytopathology and Histopathology, 2013, 35, 306-15.	0.2	0
20	The energy spectrum for stochastic eddies with gamma distribution. , 2012, , .		0
21	Exact Solvability of Stochastic Differential Equations Driven by Finite Activity Levy Processes. Mathematical and Computational Applications, 2012, 17, 68-82.	0.7	4
22	An analytical framework for self-organizing peer-to-peer anti-entropy algorithms. Performance Evaluation, 2010, 67, 141-159.	0.9	9
23	Towards the formation of comprehensive SLAs betweenÂheterogeneous wireless DiffServ domains. Telecommunication Systems, 2009, 42, 179-199.	1.6	12
24	Principles and performance analysis of SeCond: A system for epidemic peer-to-peer content distribution. Journal of Network and Computer Applications, 2009, 32, 666-683.	5.8	9
25	Stepwise fair-share buffering for gossip-based peer-to-peer data dissemination. Computer Networks, 2009, 53, 2259-2274.	3.2	6
26	Multiclass G/M/1 queueing system with self-similar input and non-preemptive priority. Computer Communications, 2008, 31, 1012-1027.	3.1	19
27	Topology dependent information dissemination in P2P networks for anti-entropy algorithms. , 2008, , .		0
28	Traffic engineering and QoS control between wireless diffserv domains using PQ and LLQ. , 2007, , .		5
29	Stepwise Fair-Share Buffering underneath Bio-inspired P2P Data Dissemination. , 2007, , .		6
30	Velocity fields with power-law spectra for modeling turbulent flows. Applied Mathematical Modelling, 2007, 31, 1934-1946.	2.2	7
31	An Alternating Service Model with Self-Similar Input to Provide Guaranteed QoS in Wireless Internet. , 2006, , .		3
32	Parameterization of Submesoscale Eddy-Rich Flows Using a Stochastic Velocity Model. Journal of Atmospheric and Oceanic Technology, 2006, 23, 1745-1758.	0.5	6
33	Traffic characterization of transport level reliable multicasting: Comparison of epidemic and feedback controlled loss recovery. Computer Networks, 2006, 50, 1193-1218.	3.2	3
34	A Chain-Binomial Model for Pull and Push-Based Information Diffusion. , 2006, , .		7
35	Stepwise probabilistic buffering for epidemic information dissemination. , 2006, , .		1
36	An analytical model based on G/M/1 with self-similar input to provide end-to-end QoS in 3G networks. , 2006, , .		11

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37	Exact Performance Measures for Peer-to-Peer Epidemic Information Diffusion. Lecture Notes in Computer Science, 2006, , 866-876.	1.0	4
38	Exact probability distributions for peer-to-peer epidemic information diffusion. Performance Evaluation Review, 2006, 34, 6-8.	0.4	0
39	A Long-Range Dependent Workload Model for Packet Data Traffic. Mathematics of Operations Research, 2004, 29, 92-105.	0.8	31
40	Multicast Transport Protocol Analysis: Self-Similar Sources. Lecture Notes in Computer Science, 2004, , 1294-1299.	1.0	1
41	Dispersion of mass by two-dimensional homogeneous and incompressible Ã‡inlar flows. Applied Mathematical Modelling, 2003, 27, 997-1011.	2.2	5
42	Lyapunov exponents of Poisson shot-noise velocity fields. Stochastic Processes and Their Applications, 2001, 94, 29-49.	0.4	7
43	Maximum likelihood estimator for the drift of a Brownian flow. Applied Stochastic Models in Business and Industry, 2000, 16, 23-33.	0.9	0
44	Simulation of homogeneous and incompressible Ã‡inlar flows. Applied Mathematical Modelling, 2000, 24, 297-314.	2.2	6
45	Residual lifetime distribution and its applications. Microelectronics Reliability, 1994, 34, 211-227.	0.9	17
46	Message Buffering in Epidemic Data Dissemination. , 0, , .		0
47	Second: A System for Epidemic Peer-to-Peer Content Distribution. , 0, , .		1