Sherif I Ammar

List of Publications by Year
in descending order

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27	351	840776 11	839539 18
papers	citations	h-index	g-index

27	27	27	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transient solution of the M/M/c queue with balking and reneging. Computers and Mathematics With Applications, 2009, 57, 1280-1285.	2.7	87
2	Transient analysis of an M/M/1 queue with impatient behavior and multiple vacations. Applied Mathematics and Computation, 2015, 260, 97-105.	2.2	36
3	Disturbance solutions for the longâ€“short-wave interaction system using bi-random Riccatiâ€“Bernoulli sub-ODE method. Journal of Taibah University for Science, 2020, 14, 500-506.	2.5	30
4	A matrix approach for the transient solution of an M/M/1/N queue with discouraged arrivals and reneging. International Journal of Computer Mathematics, 2012, 89, 482-491.	1.8	23
5	Transient solution of an M / M /1 vacation queue with a waiting server and impatient customers. Journal of the Egyptian Mathematical Society, 2017, 25, 337-342.	1.2	18
6	Performance Analysis of Preemptive Priority Retrial Queueing System with Disaster under Working Breakdown Services. Symmetry, 2019, 11, 419.	2.2	17
7	Reliability of a consecutive (r,s)-out-of-(m,n):F lattice system with conditions on the number of failed components in the system. Applied Mathematical Modelling, 2010, 34, 531-538.	4.2	16
8	The busy period of an M/M/1 queue with balking and reneging. Applied Mathematical Modelling, 2013, 37, 9223-9229.	4.2	15
9	Transient behavior of a two-processor heterogeneous system with catastrophes, server failures and repairs. Applied Mathematical Modelling, 2014, 38, 2224-2234.	4.2	14
10	Analysis of an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si16.gif" overflow="scroll"><mml:mrow><mml:mi>M</mml:mi><mml:mo>/</mml:mo><mml:mi>M</mml:mi><mml:mo>/</mml:mo><mml:mn>1</ driven fluid queue with multiple exponential vacations. Applied Mathematics and Computation, 2014, 227, 329-334.	2.2	12
11	Time-dependent analysis for a two-processor heterogeneous system with time-varying arrival and service rates. Applied Mathematical Modelling, 2018, 54, 743-751.	4.2	12
12	Optimal pricing and service capacity management for a matching queue problem with loss-averse customers. Optimization, 2021, 70, 2169-2192.	1.7	10
13	New solutions for the unstable nonlinear SchrÃ¶dinger equation arising in natural science. AIMS Mathematics, 2020, 5, 1893-1912.	1.6	10
14	On Probability Characteristics for a Class of Queueing Models with Impatient Customers. Mathematics, 2020, 8, 594.	2.2	8
15	On limiting characteristics for a non-stationary two-processor heterogeneous system with catastrophes, server failures and repairs. Journal of Industrial and Management Optimization, 2021, 17, 1057-1068.	1.3	8
16	Behavior Analysis of an M/M/1 vacation Queue in Random Environment. Quality Technology and Quantitative Management, 2021, 18, 397-417.	1.9	6
17	Analysis of an Nâ€“Policy GI/M/1 Queue in a Multiâ€“Phase Service Environmentwith Disasters. International Journal of Applied Mathematics and Computer Science, 2018, 28, 375-386.	1.5	6
18	The deterministic and stochastic solutions for the nonlinear Phi-4 equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 823-832.	1.0	5

#	Article	IF	Citations
19	Fluid queue driven by anM/M/1 disasters queue. International Journal of Computer Mathematics, 2014, 91, 1497-1506.	1.8	4
20	Fluid M/M/1 catastrophic queue in a random environment. RAIRO - Operations Research, 2021, 55, S2677-S2690.	1.8	4
21	Transient and steady-state analysis of a queuing system having customersâ€™ impatience with threshold. RAIRO - Operations Research, 2019, 53, 1861-1876.	1.8	3
22	Transient analysis of impatient customers in an M/M/1 disasters queue in random environment. Engineering Computations, 2020, 37, 1945-1965.	1.4	3
23	Fault-tolerant redundant repairable system with different failures and delays. Engineering Computations, 2019, 37, 1043-1071.	1.4	2
24	Analysis of M/G/1 Priority Retrial G-Queue with Bernoulli Working Vacations. Trends in Mathematics, 2018, , 383-391.	0.1	1
25	Ergodicity and perturbation bounds for Mt/Mt/1 queue with balking, catastrophes, server failures and repairs. RAIRO - Operations Research, 2021, 55, 2223-2240.	1.8	1
26	Transient Solution of the M/M/C1 Queue with Additional C2 Servers for Longer Queues and Balking. Journal of Mathematics and Statistics, 2008, 4, 21-25.	0.2	0
27	Customer Behavior Analysis in Ticket Windows at Scenic Spots from Game-Theoretic Perspective. Discrete Dynamics in Nature and Society, 2021, 2021, 1-11.	0.9	0