

Sherif I Ammar

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Optimal pricing and service capacity management for a matching queue problem with loss-averse customers. Optimization, 2021, 70, 2169-2192. | 1.7 | 10 |
| 3 | Behavior Analysis of an M/M/1 vacation Queue in Random Environment. Quality Technology and Quantitative Management, 2021, 18, 397-417. | 1.9 | 6 |
| 4 | 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 |
| 5 | 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 |
| 6 | Fluid $M/M/1$ catastrophic queue in a random environment. RAIRO - Operations Research, 2021, 55, S2677-S2690. | 1.8 | 4 |
| 7 | 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 |
| 8 | Transient analysis of impatient customers in an M/M/1 disasters queue in random environment. Engineering Computations, 2020, 37, 1945-1965. | 1.4 | 3 |
| 9 | Disturbance solutions for the long-wave interaction system using bi-random Riccati-Bernoulli sub-ODE method. Journal of Taibah University for Science, 2020, 14, 500-506. | 2.5 | 30 |
| 10 | On Probability Characteristics for a Class of Queueing Models with Impatient Customers. Mathematics, 2020, 8, 594. | 2.2 | 8 |
| 11 | New solutions for the unstable nonlinear Schrödinger equation arising in natural science. AIMS Mathematics, 2020, 5, 1893-1912. | 1.6 | 10 |
| 12 | Performance Analysis of Preemptive Priority Retrial Queueing System with Disaster under Working Breakdown Services. Symmetry, 2019, 11, 419. | 2.2 | 17 |
| 13 | Fault-tolerant redundant repairable system with different failures and delays. Engineering Computations, 2019, 37, 1043-1071. | 1.4 | 2 |
| 14 | Transient and steady-state analysis of a queueing system having customers' impatience with threshold. RAIRO - Operations Research, 2019, 53, 1861-1876. | 1.8 | 3 |
| 15 | 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 |
| 16 | Analysis of M/G/1 Priority Retrial G-Queue with Bernoulli Working Vacations. Trends in Mathematics, 2018, , 383-391. | 0.1 | 1 |
| 17 | Analysis of an "Policy G/M/1 Queue in a Multi-Phase Service Environment with Disasters. International Journal of Applied Mathematics and Computer Science, 2018, 28, 375-386. | 1.5 | 6 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Analysis of an $M/M/1$ driven fluid queue with multiple exponential vacations. Applied Mathematics and Computation, 2014, 227, 329-334. | 2.2 | 12 |
| 21 | Transient behavior of a two-processor heterogeneous system with catastrophes, server failures and repairs. Applied Mathematical Modelling, 2014, 38, 2224-2234. | 4.2 | 14 |
| 22 | Fluid queue driven by an M/M/1 disasters queue. International Journal of Computer Mathematics, 2014, 91, 1497-1506. | 1.8 | 4 |
| 23 | The busy period of an M/M/1 queue with balking and reneging. Applied Mathematical Modelling, 2013, 37, 9223-9229. | 4.2 | 15 |
| 24 | 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 |
| 25 | 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 |
| 26 | Transient solution of the M/M/c queue with balking and reneging. Computers and Mathematics With Applications, 2009, 57, 1280-1285. | 2.7 | 87 |
| 27 | 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 |