

# Deepak Tg

## List of Publications by Year in descending order

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18  
papers

240  
citations

1040056

9  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	AnM   G   1 Retrial Queue with Nonpersistent Customers and Orbital Search. Stochastic Analysis and Applications, 2005, 23, 975-997.	1.5	39
2	On an ( $s, S$ ) Inventory Policy with Service Time, Vacation to Server and Correlated Lead Time. Quality Technology and Quantitative Management, 2008, 5, 129-143.	1.9	35
3	Control Policies for Inventory with Service Time. Stochastic Analysis and Applications, 2006, 24, 889-899.	1.5	29
4	On a queue with interruptions and repeat or resumption of service. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e1673-e1683.	1.1	24
5	Inventory with service time and transfer of customers and inventory. Annals of Operations Research, 2008, 160, 191-213.	4.1	19
6	Performance analysis and stability of multiclass orbit queue with constant retrial rates and balking. Performance Evaluation, 2019, 134, 102005.	1.2	17
7	On an $M(X)/G/1$ Retrial System with Two Types of Search of Customers from the Orbit. Stochastic Analysis and Applications, 2013, 31, 92-107.	1.5	15
8	Queues with postponed work. Top, 2004, 12, 375-398.	1.6	14
9	Effective utilization of idle time in an $(s, S)$ inventory with positive service time. Journal of Applied Mathematics and Stochastic Analysis, 2006, 2006, 1-13.	0.3	14
10	On a $BMAP/G/1$ Retrial System with Two Types of Search of Customers from the Orbit. Communications in Computer and Information Science, 2017, , 1-12.	0.5	11
11	Modified N-policy for $M/G/1$ queues. Computers and Operations Research, 2002, 29, 1611-1620.	4.0	8
12	RELIABILITY OF A $k$ -OUT-OF- $n$ SYSTEM WITH REPAIR BY A SERVICE STATION ATTENDING A QUEUE WITH POSTPONED WORK. International Journal of Reliability, Quality and Safety Engineering, 2007, 14, 379-398.	0.6	4
13	Optimal utilization of service facility for $k$ -out-of- $n$ system with repair by extending service to external customers in a retrial queue. Journal of Applied Mathematics and Computing, 2007, 25, 389-405.	2.5	3
14	On a retrial queueing model with single/batch service and search of customers from the orbit. Top, 2015, 23, 493-520.	1.6	3
15	Multivariate finite-support phase-type distributions. Journal of Applied Probability, 2020, 57, 1260-1275.	0.7	2
16	A matrix analytic approach to study the queuing characteristics of nodes in a wireless network. Opsearch, 2019, 56, 477-496.	1.8	1
17	Two-way Communication Orbit Queues with Server Vacation. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	1
18	Parameter estimation and computation of the Fisher information matrix for functions of phase type random variables. Computational Statistics and Data Analysis, 2022, 167, 107362.	1.2	1