

# Antonis Economou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5833184/publications.pdf>

Version: 2024-02-01

68  
papers

1,686  
citations

279701

23  
h-index

315616

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of renegeing on a fluid on-off queue with strategic customers. Annals of Operations Research, 2023, 331, 629-647.	2.6	5
2	A probabilistic approach for the analysis of the $M_n/G/1$ queue. Annals of Operations Research, 2022, 317, 19-27.	2.6	13
3	The value of renegeing for strategic customers in queueing systems with server vacations/failures. European Journal of Operational Research, 2022, 299, 960-976.	3.5	11
4	How much information should be given to the strategic customers of a queueing system?. Queueing Systems, 2022, 100, 421-423.	0.6	2
5	Strategic customer behavior in a queueing system with alternating information structure. European Journal of Operational Research, 2021, 291, 1024-1040.	3.5	16
6	Editorial introduction to the special issue on "Strategic Queueing: Game-Theoretic Models in Queueing Theory" part 2. Queueing Systems, 2021, 97, 221-222.	0.6	1
7	Routing of Strategic Passengers in a Transportation Station. Lecture Notes in Computer Science, 2021, , 308-324.	1.0	1
8	Editorial introduction to the special issue on "Strategic queueing: game-theoretic models in queueing theory" part 1. Queueing Systems, 2020, 96, 201-203.	0.6	2
9	Strategic customer behavior in a two-stage batch processing system. Queueing Systems, 2019, 93, 3-29.	0.6	13
10	Equilibrium threshold joining strategies in partially observable batch service queueing systems. Annals of Operations Research, 2019, 277, 231-253.	2.6	16
11	The state-dependent $M^A/G^A/1$ queue with orbit. Queueing Systems, 2018, 90, 89-123.	0.6	9
12	Equilibrium joining strategies in batch service queueing systems. European Journal of Operational Research, 2017, 260, 1142-1151.	3.5	44
13	Strategic customer behavior in a queueing system with delayed observations. Queueing Systems, 2017, 86, 389-418.	0.6	18
14	Strategic behavior in an observable fluid queue with an alternating service process. European Journal of Operational Research, 2016, 254, 148-160.	3.5	18
15	The deterministic SIS epidemic model in a Markovian random environment. Journal of Mathematical Biology, 2016, 73, 91-121.	0.8	7
16	The stochastic SEIR model before extinction: Computational approaches. Applied Mathematics and Computation, 2015, 265, 1026-1043.	1.4	29
17	A stochastic SIS epidemic model with heterogeneous contacts. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 78-97.	1.2	36
18	Strategic Customers in a Transportation Station: When Is It Optimal to Wait?. Operations Research, 2014, 62, 910-925.	1.2	44

#	ARTICLE	IF	CITATIONS
19	The Single Server Queue with Catastrophes and Geometric Reneging. Methodology and Computing in Applied Probability, 2013, 15, 595-621.	0.7	24
20	Stochastic epidemic models with random environment: quasi-stationarity, extinction and final size. Journal of Mathematical Biology, 2013, 67, 799-831.	0.8	22
21	The effect of catastrophes on the strategic customer behavior in queueing systems. Naval Research Logistics, 2013, 60, 571-587.	1.4	41
22	Equilibrium balking strategies for a clearing queueing system in alternating environment. Annals of Operations Research, 2013, 208, 489-514.	2.6	58
23	Stochastic epidemic models revisited: analysis of some continuous performance measures. Journal of Biological Dynamics, 2012, 6, 189-211.	0.8	14
24	Optimal and equilibrium balking strategies in the single server Markovian queue with catastrophes. European Journal of Operational Research, 2012, 218, 708-715.	3.5	91
25	Optimal balking strategies in single-server queues with general service and vacation times. Performance Evaluation, 2011, 68, 967-982.	0.9	63
26	Equilibrium customer strategies and social-profit maximization in the single-server constant retrial queue. Naval Research Logistics, 2011, 58, 107-122.	1.4	86
27	The single server vacation queueing model with geometric abandonments. Journal of Statistical Planning and Inference, 2011, 141, 2863-2877.	0.4	17
28	The maximum number of infected individuals in SIS epidemic models: Computational techniques and quasi-stationary distributions. Journal of Computational and Applied Mathematics, 2010, 233, 2563-2574.	1.1	24
29	Synchronized abandonments in a single server unreliable queue. European Journal of Operational Research, 2010, 203, 143-155.	3.5	31
30	The Single Server Queue with Synchronized Services. Stochastic Models, 2010, 26, 617-648.	0.3	7
31	On the number of recovered individuals in the SIS and SIR stochastic epidemic models. Mathematical Biosciences, 2010, 228, 45-55.	0.9	28
32	Performance analysis of a cellular mobile network with retrials and guard channels using waiting and first passage time measures. European Transactions on Telecommunications, 2009, 20, 389-401.	1.2	13
33	Synchronized reneging in queueing systems with vacations. Queueing Systems, 2009, 62, 1-33.	0.6	34
34	q-SERIES IN MARKOV CHAINS WITH BINOMIAL TRANSITIONS. Probability in the Engineering and Informational Sciences, 2009, 23, 75-99.	0.6	10
35	Algorithmic analysis of the Geo/Geo/c retrial queue. European Journal of Operational Research, 2008, 189, 1042-1056.	3.5	25
36	Optimal balking strategies and pricing for the single server Markovian queue with compartmented waiting space. Queueing Systems, 2008, 59, 237-269.	0.6	57

#	ARTICLE	IF	CITATIONS
37	Equilibrium balking strategies in the observable single-server queue with breakdowns and repairs. <i>Operations Research Letters</i> , 2008, 36, 696-699.	0.5	149
38	Alternative Approaches for the Transient Analysis of Markov Chains with Catastrophes. <i>Journal of Statistical Theory and Practice</i> , 2008, 2, 183-197.	0.3	33
39	The Batch Markovian Arrival Process Subject to Renewal Generated Geometric Catastrophes. <i>Stochastic Models</i> , 2007, 23, 211-233.	0.3	18
40	Algorithmic Analysis of the Maximum Queue Length in a Busy Period for the M/M/c Retrial Queue. <i>INFORMS Journal on Computing</i> , 2007, 19, 121-126.	1.0	14
41	Applications of maximum queue lengths to call center management. <i>Computers and Operations Research</i> , 2007, 34, 983-996.	2.4	30
42	Equilibrium customer strategies in a single server Markovian queue with setup times. <i>Queueing Systems</i> , 2007, 56, 213-228.	0.6	154
43	Algorithmic approximations for the busy period distribution of the M/M/c retrial queue. <i>European Journal of Operational Research</i> , 2007, 176, 1687-1702.	3.5	19
44	Evaluating growth measures in an immigration process subject to binomial and geometric catastrophes. <i>Mathematical Biosciences and Engineering</i> , 2007, 4, 573-594.	1.0	35
45	Markovian Controllable Queueing Systems with Hysteretic Policies: Busy Period and Waiting Time Analysis. <i>Methodology and Computing in Applied Probability</i> , 2005, 7, 353-378.	0.7	10
46	Analysis of a Multiserver Queue with Setup Times. <i>Queueing Systems</i> , 2005, 51, 53-76.	0.6	60
47	Generalized product-form stationary distributions for Markov chains in random environments with queueing applications. <i>Advances in Applied Probability</i> , 2005, 37, 185-211.	0.4	21
48	The compound Poisson immigration process subject to binomial catastrophes. <i>Journal of Applied Probability</i> , 2004, 41, 508-523.	0.4	10
49	Stationary Distributions of Discrete-Time Markov Chains in Random Environment: Exact Computations and Bounds. <i>Stochastic Models</i> , 2004, 20, 103-127.	0.3	0
50	Optimal control and performance analysis of an M <sub>X</sub> /M/1 queue with batches of negative customers. <i>RAIRO - Operations Research</i> , 2004, 38, 121-151.	1.0	10
51	The compound Poisson immigration process subject to binomial catastrophes. <i>Journal of Applied Probability</i> , 2004, 41, 508-523.	0.4	25
52	On the control of a compound immigration process through total catastrophes. <i>European Journal of Operational Research</i> , 2003, 147, 522-529.	3.5	16
53	A continuous-time Markov chain under the influence of a regulating point process and applications in stochastic models with catastrophes. <i>European Journal of Operational Research</i> , 2003, 149, 625-640.	3.5	55
54	On the Stationary Distribution of the G <sub>IX</sub> /M <sub>Y</sub> /1 Queueing System. <i>Stochastic Analysis and Applications</i> , 2003, 21, 559-565.	0.9	10

#	ARTICLE	IF	CITATIONS
55	NECESSARY AND SUFFICIENT CONDITIONS FOR THE STOCHASTIC COMPARISON OF JACKSON NETWORKS. Probability in the Engineering and Informational Sciences, 2003, 17, 143-151.	0.6	12
56	On the stochastic domination for batch-arrival, batch-service and assemble-transfer queueing networks. Journal of Applied Probability, 2003, 40, 1103-1120.	0.4	2
57	On the stochastic domination for batch-arrival, batch-service and assemble-transfer queueing networks. Journal of Applied Probability, 2003, 40, 1103-1120.	0.4	4
58	Title is missing!. Queueing Systems, 2002, 40, 407-432.	0.6	10
59	A NEW APPROACH FOR THE STUDY OF THE MX/G/1 QUEUE USING RENEWAL ARGUMENTS. Stochastic Analysis and Applications, 2001, 19, 151-156.	0.9	3
60	A stochastic lower bound for assemble-transfer batch service queueing networks. Journal of Applied Probability, 2000, 37, 881-889.	0.4	5
61	A stochastic lower bound for assemble-transfer batch service queueing networks. Journal of Applied Probability, 2000, 37, 881-889.	0.4	2
62	Product form stationary distributions for the M G k group-arrival group-departure loss system under a general acceptance policy. European Journal of Operational Research, 1999, 112, 196-206.	3.5	4
63	GEOMETRIC-FORM BOUNDS FOR THE GIX/M/1 QUEUEING SYSTEM. Probability in the Engineering and Informational Sciences, 1999, 13, 509-520.	0.6	3
64	Product form stationary distributions for queueing networks with blocking and rerouting. Queueing Systems, 1998, 30, 251-260.	0.6	24
65	Overall station balance and decomposability for non-Markovian queueing networks. Advances in Applied Probability, 1998, 30, 870-887.	0.4	2
66	Overall station balance and decomposability for non-Markovian queueing networks. Advances in Applied Probability, 1998, 30, 870-887.	0.4	2
67	The State-Dependent M/G/1 Queue with Orbit: Analysis and Strategic Customer Behavior. SSRN Electronic Journal, 0, , .	0.4	1
68	Increasing social welfare with delays: Strategic customers in the M/G/1 orbit queue. Production and Operations Management, 0, , .	2.1	3