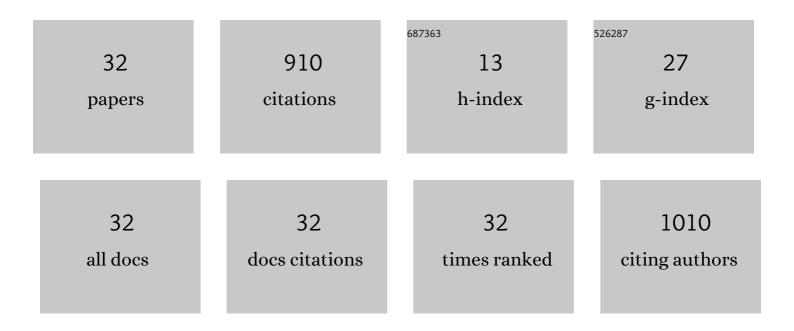
## Petar Momcilovic

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10500107/publications.pdf Version: 2024-02-01



PETAR MOMCHOVIC

#	Article	IF	CITATIONS
1	MySurgeryRisk: Development and Validation of a Machine-learning Risk Algorithm for Major Complications and Death After Surgery. Annals of Surgery, 2019, 269, 652-662.	4.2	197
2	Application of Machine Learning Techniques to High-Dimensional Clinical Data to Forecast Postoperative Complications. PLoS ONE, 2016, 11, e0155705.	2.5	134
3	Queues with Many Servers and Impatient Customers. Mathematics of Operations Research, 2012, 37, 41-65.	1.3	89
4	On Fair Routing from Emergency Departments to Hospital Wards: QED Queues with Heterogeneous Servers. Management Science, 2012, 58, 1273-1291.	4.1	82
5	Comparing clinical judgment with the MySurgeryRisk algorithm for preoperative risk assessment: A pilot usability study. Surgery, 2019, 165, 1035-1045.	1.9	59
6	Heavy Traffic Limits for Queues with Many Deterministic Servers. Queueing Systems, 2004, 47, 53-69.	0.9	52
7	The Pattern of Longitudinal Change in Serum Creatinine and 90-Day Mortality After Major Surgery. Annals of Surgery, 2016, 263, 1219-1227.	4.2	48
8	Queues with Many Servers: The Virtual Waiting-Time Process in the QED Regime. Mathematics of Operations Research, 2008, 33, 561-586.	1.3	34
9	Data-Driven Appointment-Scheduling Under Uncertainty: The Case of an Infusion Unit in a Cancer Center. Management Science, 2020, 66, 243-270.	4.1	28
10	Steady-state analysis of a multiserver queue in the Halfin-Whitt regime. Advances in Applied Probability, 2008, 40, 548-577.	0.7	27
11	Large Deviations of Square Root Insensitive Random Sums. Mathematics of Operations Research, 2004, 29, 398-406.	1.3	25
12	Scalability of Wireless Networks. IEEE/ACM Transactions on Networking, 2007, 15, 295-308.	3.8	21
13	Reduced Load Equivalence under Subexponentiality. Queueing Systems, 2004, 46, 97-112.	0.9	18
14	Preoperative assessment of the risk for multiple complications after surgery. Surgery, 2016, 160, 463-472.	1.9	13
15	DNA-Based Computation Times. Lecture Notes in Computer Science, 2005, , 14-23.	1.3	12
16	Steady-state analysis of a multiserver queue in the Halfin-Whitt regime. Advances in Applied Probability, 2008, 40, 548-577.	0.7	12
17	On throughput in linear wireless networks. , 2008, , .		9
18	Personalized queues: the customer view, via a fluid model of serving least-patient first. Queueing Systems, 2017, 87, 23-53.	0.9	9

PETAR MOMCILOVIC

#	Article	IF	CITATIONS
19	On Effectiveness of Application-Layer Coding. IEEE Transactions on Information Theory, 2011, 57, 6673-6691.	2.4	8
20	Time-varying tandem queues with blocking: modeling, analysis, and operational insights via fluid models with reflection. Queueing Systems, 2018, 89, 15-47.	0.9	8
21	Linear loss networks. Queueing Systems, 2011, 68, 111-131.	0.9	7
22	Extended vertical lists for temporal pattern mining from multivariate time series. Expert Systems, 2019, 36, e12448.	4.5	6
23	An Analysis of a Large-Scale Machine Repair Model. Stochastic Systems, 2018, 8, 91-125.	1.1	4
24	On the departure process of the linear loss network. Queueing Systems, 2014, 78, 155-187.	0.9	2
25	Time-varying many-server finite-queues in tandem: Comparing blocking mechanisms via fluid models. Operations Research Letters, 2018, 46, 492-499.	0.7	2
26	On a critical regime for linear finite-buffer networks. , 2012, , .		1
27	A note on a limit interchange for many-server queues. Operations Research Letters, 2020, 48, 147-151.	0.7	1
28	Self assembly times in DNA-based computation. Performance Evaluation Review, 2004, 32, 35-37.	0.6	1
29	On throughput in stochastic linear loss networks. Performance Evaluation Review, 2008, 36, 125-127.	0.6	1
30	On Scalability of Routing Tables in Dense Flat-Label Wireless Networks. IEEE Transactions on Information Theory, 2011, 57, 4302-4314.	2.4	0
31	QED limits for many-server systems under a priority policy. Queueing Systems, 2018, 90, 125-159.	0.9	0
32	Appointment-driven service systems with many servers. Queueing Systems, 0, , 1.	0.9	0