

# Pengyi Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7615047/publications.pdf>

Version: 2024-02-01

20  
papers

274  
citations

1651377

6  
h-index

1336881

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Operations (management) warp speed: Rapid deployment of hospitalâ€‘focused predictive/prescriptive analytics for the COVIDâ€‘19 pandemic. <i>Production and Operations Management</i> , 2023, 32, 1433-1452.	2.1	6
2	Proceed with Care. , 2022, , 60-80.		0
3	Recent Modeling and Analytical Advances in Hospital Inpatient Flow Management. <i>Production and Operations Management</i> , 2021, 30, 1838-1862.	2.1	9
4	An Operational Framework for the Adoption and Integration of New Diagnostic Tests. <i>Production and Operations Management</i> , 2021, 30, 330-354.	2.1	4
5	Timing It Right: Balancing Inpatient Congestion vs. Readmission Risk at Discharge. <i>Operations Research</i> , 2021, 69, 1842-1865.	1.2	20
6	A Simulation Analysis of Analytics-Driven Community-Based Re-Integration Programs. , 2021, , .		0
7	A High-Fidelity, Machine-Learning Enhanced Queueing Network Simulation Model For Hospital Ultrasound Operations. , 2021, , .		0
8	A survey on skill-based routing with applications to service operations management. <i>Queueing Systems</i> , 2020, 96, 53-82.	0.6	17
9	The impact of opening dedicated clinics on disease transmission during an influenza pandemic. <i>PLoS ONE</i> , 2020, 15, e0236455.	1.1	3
10	The impact of opening dedicated clinics on disease transmission during an influenza pandemic. , 2020, 15, e0236455.		0
11	The impact of opening dedicated clinics on disease transmission during an influenza pandemic. , 2020, 15, e0236455.		0
12	An integrated framework for reducing hospital readmissions using risk trajectories characterization and discharge timing optimization. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2019, 9, 172-185.	1.2	7
13	Inpatient Overflow: An Approximate Dynamic Programming Approach. <i>Manufacturing and Service Operations Management</i> , 2019, 21, 894-911.	2.3	58
14	Steadyâ€‘state diffusion approximations for discreteâ€‘time queue in hospital inpatient flow management. <i>Naval Research Logistics</i> , 2018, 65, 26-65.	1.4	5
15	A Two-Time-Scale Approach to Time-Varying Queues in Hospital Inpatient Flow Management. <i>Operations Research</i> , 2017, 65, 514-536.	1.2	45
16	Comparing Policies for Case Scheduling Within 1 Day of Surgery by Markov Chain Models. <i>Anesthesia and Analgesia</i> , 2016, 122, 526-538.	1.1	32
17	Descriptive Study of Case Scheduling and Cancellations Within 1 Week of the Day of Surgery. <i>Anesthesia and Analgesia</i> , 2012, 115, 1188-1195.	1.1	51
18	Patient Flow from Emergency Department to Inpatient Wards: Empirical Observations from a Singaporean Hospital. <i>SSRN Electronic Journal</i> , 0, , .	0.4	11

#	ARTICLE	IF	CITATIONS
19	Recent Modeling and Analytical Advances in Hospital Inpatient Flow Management. SSRN Electronic Journal, 0, , .	0.4	1
20	Timing it Right: Balancing Inpatient Congestion Versus Readmission Risk at Discharge. SSRN Electronic Journal, 0, , .	0.4	4