

# Jitamitra Desai

## List of Publications by Year in descending order

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19  
papers

473  
citations

933447

10  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	A time-space network flow approach to dynamic repositioning in bicycle sharing systems. <i>Transportation Research Part B: Methodological</i> , 2017, 103, 188-207.	5.9	132
2	A discrete optimization approach for locating Automatic Vehicle Identification readers for the provision of roadway travel times. <i>Transportation Research Part B: Methodological</i> , 2006, 40, 857-871.	5.9	75
3	A Global Optimization RLT-based Approach for Solving the Hard Clustering Problem. <i>Journal of Global Optimization</i> , 2005, 32, 281-306.	1.8	48
4	A math-heuristic algorithm for the integrated air service recovery. <i>Transportation Research Part B: Methodological</i> , 2016, 84, 211-236.	5.9	36
5	A global optimization algorithm for reliable network design. <i>European Journal of Operational Research</i> , 2010, 200, 1-8.	5.7	31
6	An optimal data-splitting algorithm for aircraft scheduling on a single runway to maximize throughput. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 95, 570-581.	7.6	31
7	Optimal Allocation of Risk-Reduction Resources in Event Trees. <i>Management Science</i> , 2008, 54, 1313-1321.	4.1	24
8	Allocating Emergency Response Resources to Minimize Risk with Equity Considerations. <i>American Journal of Mathematical and Management Sciences</i> , 2004, 24, 367-410.	0.9	17
9	A Global Optimization RLT-based Approach for Solving the Fuzzy Clustering Problem. <i>Journal of Global Optimization</i> , 2005, 33, 597-615.	1.8	17
10	A primal-dual prediction-correction algorithm for saddle point optimization. <i>Journal of Global Optimization</i> , 2016, 66, 573-583.	1.8	12
11	Enhancing RLT-based relaxations for polynomial programming problems via a new class of v-semidefinite cuts. <i>Computational Optimization and Applications</i> , 2012, 52, 483-506.	1.6	11
12	A proximal partially parallel splitting method for separable convex programs. <i>Optimization Methods and Software</i> , 2017, 32, 39-68.	2.4	11
13	Predicting Taxi-Out Time at Congested Airports with Optimization-Based Support Vector Regression Methods. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-11.	1.1	11
14	A note on augmented Lagrangian-based parallel splitting method. <i>Optimization Letters</i> , 2015, 9, 1199-1212.	1.6	8
15	An optimal data-splitting algorithm for aircraft sequencing on two runways. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 132, 103403.	7.6	4
16	An optimal data-splitting algorithm for aircraft sequencing on a single runway. <i>Annals of Operations Research</i> , 2022, 309, 587-610.	4.1	3
17	On the convergence rate of the augmented Lagrangian-based parallel splitting method. <i>Optimization Methods and Software</i> , 2019, 34, 278-304.	2.4	2
18	A modified homogeneous potential reduction algorithm for solving the monotone semidefinite linear complementarity problem. <i>Optimization Letters</i> , 2016, 10, 1417-1448.	1.6	0

#	ARTICLE	IF	CITATIONS
19	A global optimization framework for distributed antenna location in CDMA cellular networks. Annals of Operations Research, 2017, 253, 169-191.	4.1	0