

Michel Gamache

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6662085/publications.pdf>

Version: 2024-02-01

33
papers

975
citations

623574

14
h-index

454834

30
g-index

33
all docs

33
docs citations

33
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	A Column Generation Approach for Large-Scale Aircrew Rostering Problems. <i>Operations Research</i> , 1999, 47, 247-263.	1.2	168
2	Overview of Solution Strategies Used in Truck Dispatching Systems for Open Pit Mines. <i>International Journal of Mining, Reclamation and Environment</i> , 2002, 16, 59-76.	0.1	157
3	The time-dependent traveling salesman problem and single machine scheduling problems with sequence dependent setup times. <i>Discrete Optimization</i> , 2008, 5, 685-699.	0.6	84
4	The Preferential Bidding System at Air Canada. <i>Transportation Science</i> , 1998, 32, 246-255.	2.6	67
5	A graph coloring model for a feasibility problem in monthly crew scheduling with preferential bidding. <i>Computers and Operations Research</i> , 2007, 34, 2384-2395.	2.4	58
6	A shortest-path algorithm for solving the fleet management problem in underground mines. <i>European Journal of Operational Research</i> , 2005, 166, 497-506.	3.5	35
7	Time-Indexed Formulations and the Total Weighted Tardiness Problem. <i>INFORMS Journal on Computing</i> , 2008, 20, 133-142.	1.0	35
8	A stochastic optimization method with in-pit waste and tailings disposal for open pit life-of-mine production planning. <i>Resources Policy</i> , 2018, 57, 112-121.	4.2	35
9	An enumeration algorithm for solving the fleet management problem in underground mines. <i>Computers and Operations Research</i> , 2006, 33, 1606-1624.	2.4	33
10	A Method for Optimally Solving the Rostering Problem. <i>Profiles in Operations Research</i> , 1998, , 124-157.	0.3	32
11	A simulation framework for real-time fleet management in internal transport systems. <i>Simulation Modelling Practice and Theory</i> , 2012, 21, 78-90.	2.2	25
12	Location arc routing problem with inventory constraints. <i>Computers and Operations Research</i> , 2016, 76, 84-94.	2.4	22
13	Logical analysis of data for estimating passenger show rates at Air Canada. <i>Journal of Air Transport Management</i> , 2012, 18, 78-81.	2.4	19
14	Short-term planning optimization model for underground mines. <i>Computers and Operations Research</i> , 2020, 115, 104642.	2.4	19
15	Crew Scheduling in Air Transportation. , 1998, , 169-185.		17
16	Specification of an intelligent simulation-based real time control architecture: Application to truck control system. <i>Computers in Industry</i> , 2012, 63, 882-894.	5.7	17
17	Periodic capacitated arc-routing problem with inventory constraints. <i>Journal of the Operational Research Society</i> , 2014, 65, 1840-1852.	2.1	14
18	A dynamic stochastic programming approach for open-pit mine planning with geological and commodity price uncertainty. <i>Resources Policy</i> , 2020, 65, 101570.	4.2	14

#	ARTICLE	IF	CITATIONS
19	Parameter determination for nonlinear stress criteria using a simple regression tool. Canadian Geotechnical Journal, 2000, 37, 1332-1347.	1.4	13
20	Adaptive large neighborhood search for the periodic capacitated arc routing problem with inventory constraints. Networks, 2014, 64, 125-139.	1.6	13
21	A New Computational Model of High-Order Stochastic Simulation Based on Spatial Legendre Moments. Mathematical Geosciences, 2018, 50, 929-960.	1.4	12
22	Robotic mobile fulfillment systems: a mathematical modelling framework for e-commerce applications. International Journal of Production Research, 2022, 60, 3589-3605.	4.9	12
23	An Exact Solution Approach for the Preferential Bidding System Problem in the Airline Industry. Transportation Science, 2007, 41, 354-365.	2.6	11
24	Stope optimization with vertical convexity constraints. Optimization and Engineering, 2016, 17, 813-832.	1.3	11
25	High-Order Sequential Simulation via Statistical Learning in Reproducing Kernel Hilbert Space. Mathematical Geosciences, 2020, 52, 693-723.	1.4	11
26	A shortest path-based algorithm for the inventory routing problem of waste vegetable oil collection. Journal of the Operational Research Society, 2019, 70, 986-997.	2.1	9
27	Training Image Free High-Order Stochastic Simulation Based on Aggregated Kernel Statistics. Mathematical Geosciences, 2021, 53, 1469-1489.	1.4	7
28	Flight deck crew reserve: From data to forecasting. Engineering Applications of Artificial Intelligence, 2016, 50, 106-114.	4.3	6
29	Strategic planning of an underground mine with variable cut-off grades. Optimization and Engineering, 2020, 21, 803-849.	1.3	5
30	Learning high-order spatial statistics at multiple scales: A kernel-based stochastic simulation algorithm and its implementation. Computers and Geosciences, 2021, 149, 104702.	2.0	5
31	Considering displacement modes in the fleet management problem. International Journal of Production Research, 2005, 43, 1171-1184.	4.9	3
32	Optimization of Codeshare Flight Selection for an Airline Company. Infor, 2012, 50, 31-39.	0.5	3
33	New Tabu Algorithm for Positioning Mining Drillholes with Blocks Uncertainty. Natural Resources Research, 2019, 28, 609-629.	2.2	3