

# CITATION REPORT

List of articles citing

A hypercube queuing model for facility location and redistricting in urban emergency services

DOI: 10.1016/0305-0548(74)90076-8  
Computers and Operations Research, 1974, 1, 67-95.

**Source:** <https://exaly.com/paper-pdf/11832564/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
435	Allocation of police beats to patrol units to minimize response time to calls for service. <i>Computers and Operations Research</i> , <b>1975</b> , 2, 1-12	4.6	4
434	Set Adjacency Measures in Fuzzy Graphs. <b>1975</b> , 5, 77-87		10
433	A method for determining the optimal districting in urban emergency services. <i>Computers and Operations Research</i> , <b>1977</b> , 4, 1-12	4.6	7
432	A guided tour through a maze: Computer aided sector design. <i>Computers and Operations Research</i> , <b>1977</b> , 4, 155-166	4.6	
431	Evaluating dispatching consequences of automatic vehicle location in emergency services. <i>Computers and Operations Research</i> , <b>1978</b> , 5, 11-30	4.6	11
430	A location model with queueing constraints. <i>Computers and Operations Research</i> , <b>1978</b> , 5, 273-277	4.6	3
429	The Relationship Between Response Time And Fire Property Losses. <b>1979</b> , 17, 373-389		6
428	QUANTITATIVE MEASURES FOR CHARACTERISTICS OF A STATE-DEPENDENT ASSIGNMENT POLICY. <b>1980</b> , 11, 135-150		1
427	Performance Evaluation of Ambulance Services: a Simulation Model. <b>1981</b> , 1, 282-286		
426	Repositioning of Two Distinguishable Service Vehicles on Networks. <b>1981</b> , 11, 187-193		15
425	Developments in network location with mobile and congested facilities. <i>European Journal of Operational Research</i> , <b>1981</b> , 6, 104-116	5.6	15
424	Geographical patterns of cardiac arrests: an exploratory model. <b>1981</b> , 15, 329-34		
423	A FACILITY LOCATION PROBLEM WITH DISTANCE-DEPENDENT DEMAND. <b>1981</b> , 12, 623-632		8
422	Markov decisions in urban modelling. <b>1981</b> , 2, 213-225		1
421	Optimal assignments in a markovian queueing system. <i>Computers and Operations Research</i> , <b>1981</b> , 8, 17-23.6		19
420	Repositioning of distinguishable urban service units on networks. <i>Computers and Operations Research</i> , <b>1981</b> , 8, 105-118	4.6	31
419	A queueing network approach to health care planning with an application to burn care in New York State. <b>1981</b> , 15, 207-16		10

418	Probabilistic Demands and Costs in Facility Location Problems. <b>1982</b> , 14, 917-932		4
417	Dispatching Service Units on Networks Using Perfect Real Time Location Information. <b>1982</b> , 20, 357-369		1
416	Emergency ambulance location using the contiguous zone search routine. <b>1982</b> , 2, 225-237		19
415	Locating mobile servers on a network with markovian properties. <b>1982</b> , 12, 73-86		34
414	The median problem with congestion. <i>Computers and Operations Research</i> , <b>1982</b> , 9, 119-126	4.6	24
413	Sequential facility location with distance dependent demand. <b>1982</b> , 2, 261-268		3
412	POLICE PATROL BEAT DESIGN: ALLOCATION OF EFFORT AND EVALUATION OF EXPECTED PERFORMANCE*. <b>1984</b> , 15, 421-433		4
411	Planning for emergency ambulance service systems. <b>1984</b> , 1, 331-8		5
410	Multiple Vehicle Routing and Dispatching to an Emergency Scene. <b>1984</b> , 16, 1349-1359		19
409	Development and application of a fire station placement model. <b>1985</b> , 21, 181-198		14
408	Multiobjective Markov decisions in urban modelling. <b>1985</b> , 6, 333-338		6
407	Locating an n-server facility in a stochastic environment. <i>Computers and Operations Research</i> , <b>1985</b> , 12, 509-516	4.6	9
406	A note on the hypercube model. <b>1985</b> , 3, 319-322		13
405	Logistics: An overview of the state of the art and perspectives on future research. <b>1985</b> , 19, 383-398		46
404	Allocation of distinguishable servers. <i>Computers and Operations Research</i> , <b>1986</b> , 13, 85-93	4.6	13
403	Ambulance deployment analysis: A case study of Bangkok. <i>European Journal of Operational Research</i> , <b>1987</b> , 31, 9-18	5.6	64
402	A single-server priority queueing-location model. <b>1988</b> , 18, 87-103		15
401	.		

400	On the synthesis of advertising and relocation decisions for a facility. <b>1989</b> , 16, 179-187		2
399	Redesign of primary response areas for county ambulance services. <i>European Journal of Operational Research</i> , <b>1989</b> , 41, 23-32	5.6	8
398	A queueing-location model with expected service time dependent queueing disciplines. <i>European Journal of Operational Research</i> , <b>1989</b> , 39, 192-205	5.6	34
397	Improved Distance Estimation Method for Location Modeling. <b>1990</b> , 116, 100-105		
396	A model for the configuration of incoming wats lines. <b>1990</b> , 7, 3-21		1
395	A simulation model for evaluating a set of emergency vehicle base locations: development, validation, and usage. <b>1990</b> , 24, 125-41		56
394	Relocation-promotion problem with Euclidean distance. <i>European Journal of Operational Research</i> , <b>1990</b> , 46, 61-72	5.6	7
393	Computer modeling of emergency medical system performance. <b>1990</b> , 19, 898-901		18
392	Validating and applying a model for locating emergency medical vehicles in Tucson, AZ. <i>European Journal of Operational Research</i> , <b>1990</b> , 49, 308-324	5.6	66
391	Throughput maximization in a loss queueing system with heterogeneous servers. <b>1990</b> , 27, 693-700		1
390	Throughput maximization in a loss queueing system with heterogeneous servers. <b>1990</b> , 27, 693-700		6
389	A general model and convergence results for determining vehicle utilization in emergency systems. <b>1991</b> , 7, 137-160		1
388	Siting Ambulances and Fire Companies: New Tools for Planners. <b>1991</b> , 57, 471-484		26
387	Simulation Analysis of Mobile Servers on a Congested Network. <b>1992</b> , 12, 43-64		1
386	A center location problem with congestion. <i>Annals of Operations Research</i> , <b>1992</b> , 40, 17-32	3.2	8
385	The capacitated standard response fire protection siting problem: Deterministic and probabilistic models. <i>Annals of Operations Research</i> , <b>1992</b> , 40, 303-322	3.2	30
384	A probabilistic fire-protection siting model with joint vehicle reliability requirements. <b>1992</b> , 71, 217-241		26
383	An application of a spatially distributed queueing model to an ambulance system. <b>1992</b> , 26, 289-300		13

382	A planning model for determining the optimal location and size of traffic centers: The case of Dammam Metropolitan, Saudi Arabia. <i>European Journal of Operational Research</i> , <b>1993</b> , 66, 272-278	5.6	5
381	Modeling co-located servers and dispatch ties in the hypercube model. <i>Computers and Operations Research</i> , <b>1993</b> , 20, 113-119	4.6	55
380	Minimizing the cost of dispatch delays by holding patrol cars in reserve. <b>1993</b> , 9, 203-224		8
379	A goal programming workload balancing optimization model for ambulance allocation: An application to Shanghai, P.R.China. <b>1993</b> , 27, 137-148		6
378	ALIAS: A Graphical User Interface for an Ambulance Location Model. <b>1993</b> , 13, 36-46		2
377	Chapter 6 The deployment of police, fire, and emergency medical units. <b>1994</b> , 151-200		26
376	Evaluation of alternative tool combinations in a flexible manufacturing system. <b>1994</b> , 26, 633-645		2
375	Developing and validating a decision support system for locating emergency medical vehicles in Louisville, Kentucky. <i>European Journal of Operational Research</i> , <b>1994</b> , 75, 567-581	5.6	153
374	The queuing probabilistic location set covering problem and some extensions. <b>1994</b> , 28, 167-178		85
373	A DISCRETE LOCATION ASSIGNMENT PROBLEM WITH CONGESTION. <b>1994</b> , 26, 83-89		1
372	Emergency medical service systems research: problems of the past, challenges of the future. <b>1995</b> , 26, 146-52		58
371	An analysis of service schedules for the mobile k-server problem. <b>1995</b> , 3, 107-124		1
370	C. <b>1996</b> , 57-143		
369	H. <b>1996</b> , 273-291		
368	The Queueing Maximal availability location problem: A model for the siting of emergency vehicles. <i>European Journal of Operational Research</i> , <b>1996</b> , 93, 110-120	5.6	192
367	âTheoretical and Practical Issues in Incident Response Operationsâ <b>1997</b> , 30, 273-278		
366	Allocation of queuing facilities using a minimax criterion. <b>1997</b> , 5, 89-101		12
365	Solving an ambulance location model by tabu search. <b>1997</b> , 5, 75-88		233

364	Reliable p-minimax regret: A new model for strategic facility location modeling. <b>1997</b> , 5, 227-246		89
363	A Simulation Model for the Analysis and Management of An Emergency Service System. <b>1997</b> , 31, 173-189		28
362	An integrated framework for managing emergency-response logistics: the case of the electric utility companies. <b>1998</b> , 45, 115-126		26
361	A multi-objective model for locating fire stations. <i>European Journal of Operational Research</i> , <b>1998</b> , 110, 243-260	5.6	150
360	Strategic facility location: A review. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 423-447	5.6	823
359	Opportunity Cost-Based Models for Traffic Incident Response Problems. <b>1999</b> , 125, 176-185		21
358	Remarks on the hypercube model. <b>1999</b> , 20, 381-385		
357	Um modelo para analisar o problema de filas em caixas de supermercados: um estudo de caso. <b>2000</b> , 20, 59-71		2
356	Aplicação do modelo hipercube para análise de um sistema médico-emergencial em rodovia. <i>Gestão &amp; Produção</i> , <b>2000</b> , 7, 73-91	0.9	4
355	Optimal Spatial Deployment of Police Patrol Cars. <b>2000</b> , 18, 40-55		12
354	Encyclopedia of Optimization. <b>2001</b> , 616-619		
353	Nature Reserve Site Selection to Maximize Expected Species Covered. <b>2002</b> , 50, 946-955		90
352	Public Sector Operations Research: A Personal Journey. <b>2002</b> , 50, 135-145		11
351	Incident dispatching, clearance and delay. <b>2002</b> , 36, 1-16		6
350	Locating Emergency Services With Priority Rules: The Priority Queuing Covering Location Problem. <b>2002</b> ,		2
349	Solving large-scale maximum expected covering location problems by genetic algorithms: A comparative study. <i>European Journal of Operational Research</i> , <b>2002</b> , 141, 480-494	5.6	65
348	A simulated annealing approach to police district design. <i>Computers and Operations Research</i> , <b>2002</b> , 29, 667-684	4.6	110
347	Accurate estimation of expected coverage: revisited. <b>2003</b> , 37, 69-80		40

346	A note on solutions to the maximal expected covering location problem. <i>Computers and Operations Research</i> , <b>2003</b> , 30, 87-96	4.6	29
345	Ambulance location and relocation models. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 451-463.	3.6	474
344	Location Models in Transportation. <b>2003</b> , 321-370		6
343	Simulation of single start station for Edmonton EMS. <b>2003</b> , 54, 736-746		55
342	Soluç�o do problema de localizaç�o de m�xima disponibilidade utilizando o modelo hipercubo. <b>2003</b> , 23, 61-78		11
341	Aplicaç�o do modelo hipercubo de filas para avaliar a descentralizaç�o de ambul�ncias em um sistema urbano de atendimento m�dico de urg�ncia. <b>2004</b> , 24, 39-71		5
340	New Trends in Public Facility Location Modeling. <b>2004</b> ,		7
339	Simulation Model for Real-Time Emergency Vehicle Dispatching and Routing. <b>2004</b> , 1882, 176-183		41
338	Fire Station Districting Using Simulation: Case Study in Centre Region, Pennsylvania. <b>2004</b> , 130, 117-124		5
337	OPTIMAL LOCATION PROBLEM FOR URBAN EMERGENCY VEHICLES WITH CONTINUOUS-TIME MARKOV CHAIN. <b>2004</b> , 47, 25-39		4
336	Integrated Approach for Emergency Medical Service Location and Assignment Problem. <b>2004</b> , 1882, 184-192		10
335	Uncapacitated facility location problems: contributions. <b>2004</b> , 24, 7-38		27
334	Location analysis: A synthesis and survey. <i>European Journal of Operational Research</i> , <b>2005</b> , 165, 1-19	5.6	443
333	Towards unified formulations and extensions of two classical probabilistic location models. <i>Computers and Operations Research</i> , <b>2005</b> , 32, 15-33	4.6	73
332	Reliability Models for Facility Location: The Expected Failure Cost Case. <b>2005</b> , 39, 400-416		483
331	Approximating performance measures for public services. <b>2005</b> , 35, 583-591		6
330	Location of Health Care Facilities. <b>2005</b> , 43-76		52
329	Facility location under uncertainty: a review. <b>2006</b> , 38, 547-564		566

328	The maximal expected coverage relocation problem for emergency vehicles. <b>2006</b> , 57, 22-28		134
327	Modelo hipercubo integrado a um algoritmo genético para análise de sistemas médicos emergenciais em rodovias. <i>Gestão &amp; Produção</i> , <b>2006</b> , 13, 93-104	0.9	3
326	Modelo de fila hipercubo com múltiplo despacho e backup parcial para análise de sistemas de atendimento médico emergenciais em rodovias. <b>2006</b> , 26, 493-519		3
325	A fuzzy queuing location model with a genetic algorithm for congested systems. <b>2006</b> , 181, 440-456		32
324	Locating repair shops in a stochastic environment. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 1575-1594		20
323	Heuristic methods for the analysis of a queuing system describing emergency medical service deployed along a highway. <b>2006</b> , 42, 379-391		23
322	SiMoN: Methodische Grundlage eines Simulationsmodells für die Notfallrettung. <b>2006</b> , 9, 611-618		1
321	A Survey of Operations Research Models and Applications in Homeland Security. <b>2006</b> , 36, 514-529		79
320	Decision support tools for ambulance dispatch and relocation. <b>2007</b> , 58, 195-201		137
319	Real-Time Emergency Response Fleet Deployment: Concepts, Systems, Simulation & Case Studies. <b>2007</b> , 133-162		23
318	A multiple dispatch and partial backup hypercube queuing model to analyze emergency medical systems on highways. <b>2007</b> , 43, 755-771		52
317	Chapter 7 Transportation on Demand. <b>2007</b> , 14, 429-466		52
316	A modeling framework for facility location of medical services for large-scale emergencies. <b>2007</b> , 39, 41-55		298
315	Models for Reliable Supply Chain Network Design. <b>2007</b> , 257-289		30
314	Analysis of ambulance decentralization in an urban emergency medical service using the hypercube queueing model. <i>Computers and Operations Research</i> , <b>2007</b> , 34, 727-741	4.6	77
313	Developing effective meta-heuristics for a probabilistic location model via experimental design. <i>European Journal of Operational Research</i> , <b>2007</b> , 177, 83-101	5.6	15
312	A review of congestion models in the location of facilities with immobile servers. <i>European Journal of Operational Research</i> , <b>2007</b> , 178, 643-662	5.6	67
311	Organising patrol deployment against violent crimes. <b>2007</b> , 7, 401-417		8

310	The application of forecasting techniques to modeling emergency medical system calls in Calgary, Alberta. <b>2007</b> , 10, 25-45		98
309	A hypercube queueing model embedded into a genetic algorithm for ambulance deployment on highways. <i>Annals of Operations Research</i> , <b>2007</b> , 157, 207-224	3.2	44
308	A multiperiod set covering location model for dynamic redeployment of ambulances. <i>Computers and Operations Research</i> , <b>2008</b> , 35, 814-826	4.6	210
307	Optimal ambulance location with random delays and travel times. <b>2008</b> , 11, 262-74		146
306	Ambulance location for maximum survival. <b>2008</b> , 55, 42-58		131
305	What you should know about location modeling. <b>2008</b> , 55, 283-294		138
304	A hypercube queueing loss model with customer-dependent service rates. <i>European Journal of Operational Research</i> , <b>2008</b> , 191, 223-239	5.6	22
303	Emergency service systems: The use of the hypercube queueing model in the solution of probabilistic location problems. <b>2008</b> , 15, 525-549		45
302	Non-homogeneous servers in emergency medical systems: Practical applications using the hypercube queueing model. <b>2008</b> , 42, 255-270		17
301	Locating emergency services with different priorities: the priority queuing covering location problem. <b>2008</b> , 59, 1229-1238		39
300	On the optimal allocation of users to servers in an emergency service. <b>2008</b> , 29, 449-484		
299	Research on Emergency Resource Dispatching Model with Potential Demand. <b>2008</b> ,		
298	Quantitative Support for COP and ILP Implementations: Belgian Case VLAS. <b>2008</b> , 2, 375-385		
297	Otimizaço da localizaço das bases de ambulncias e do dimensionamento das suas regies de cobertura em rodovias. <b>2008</b> , 18, 47-63		2
296	Interloss Time in Loss System. <b>2009</b> , 2009, 1-14		1
295	Simulating distribution of emergency relief supplies for disaster response operations. <b>2009</b> ,		20
294	Emergency resource location and allocation model and algorithm based on bi-level programming. <b>2009</b> ,		
293	Fifty years of operational research and emergency response. <b>2009</b> , 60, S126-S139		128

292	Technical Note—Approximating Vehicle Dispatch Probabilities for Emergency Service Systems with Location-Specific Service Times and Multiple Units per Location. <b>2009</b> , 57, 251-255		51
291	Research on the description and design model of the emergency organization system. <b>2009</b> ,		0
290	A minimum expected response model: Formulation, heuristic solution, and application. <b>2009</b> , 43, 253-262		31
289	A probabilistic model applied to emergency service vehicle location. <i>European Journal of Operational Research</i> , <b>2009</b> , 196, 323-331	5.6	141
288	Lost customers in M/M/1/1 loss system. <b>2009</b> , 49, 162-174		3
287	Erlang loss models for the static deployment of ambulances. <b>2009</b> , 12, 67-79		40
286	Order Distance in Regular Point Patterns. <b>2009</b> , 41, 252-262		13
285	An optimization based approach for deployment of roadway incident response vehicles with reliability constraints. <i>European Journal of Operational Research</i> , <b>2009</b> , 198, 452-463	5.6	18
284	Network location of a reliable center using the most reliable route policy. <i>Computers and Operations Research</i> , <b>2009</b> , 36, 1437-1460	4.6	7
283	An optimization approach for ambulance location and the districting of the response segments on highways. <i>European Journal of Operational Research</i> , <b>2009</b> , 195, 528-542	5.6	77
282	A spatial queuing model for the emergency vehicle districting and location problem. <b>2009</b> , 43, 798-811		77
281	A maximum expected covering location model with two types of servers. <b>2009</b> , 41, 730-741		53
280	A Time-Dependent Spatial Queueing Model for the Daily Deployment of Airtankers for Forest Fire Control. <b>2009</b> , 47, 319-333		9
279	Locational analysis: highlights of growth to maturity. <b>2009</b> , 60, S140-S148		44
278	Goal Programming Model for Fire and Emergency Service Facilities Site Selection. <b>2010</b> , 48, 143-153		14
277	Advances in location modeling: GIS linkages and contributions. <b>2010</b> , 12, 335-354		116
276	Evaluating emergency medical service performance measures. <b>2010</b> , 13, 124-36		72
275	Integrating expected coverage and local reliability for emergency medical services location problems. <b>2010</b> , 44, 8-18		55

274	Locating and staffing service centers under service level constraints. <i>European Journal of Operational Research</i> , <b>2010</b> , 201, 55-70	5.6	5
273	Joint ground and air emergency medical services coverage models: A greedy heuristic solution approach. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 736-749	5.6	60
272	Robust solutions to Stackelberg games: Addressing bounded rationality and limited observations in human cognition. <b>2010</b> , 174, 1142-1171		104
271	Locational Decisions on Stochastic Networks. <b>2010</b> , 12, 172-183		31
270	Software Assistants for Randomized Patrol Planning for the LAX Airport Police and the Federal Air Marshal Service. <b>2010</b> , 40, 267-290		104
269	A fuzzy queuing facility location model with ant colony optimization algorithm for large-scale emergencies. <b>2010</b> ,		
268	Highway patrol officer scheduling using an optimization-based scheduling model. <b>2010</b> ,		4
267	Evaluating freeway police patrol performance by simulation. <b>2010</b> ,		1
266	A two-stage stochastic model for airline network design with uncertain demand. <b>2010</b> , 6, 187-213		22
265	Simulating calls for service for an urban police department. <b>2011</b> ,		1
264	Modeling Uncertainties in Emergency Service Resource Allocation. <b>2011</b> , 17, 35-41		27
263	Covering Problems. <b>2011</b> , 109-135		24
262	The minimum p-envy location problem: a new model for equitable distribution of emergency resources. <b>2011</b> , 1, 101-115		59
261	Introduction to Facility Location. <b>2011</b> ,		1
260	Stochastic Analysis in Location Research. <b>2011</b> , 241-271		
259	Foundations of Location Analysis. <b>2011</b> ,		79
258	Operations Research Tools for Addressing Current Challenges in Emergency Medical Services. <b>2011</b> ,		11
257	A tutorial on hypercube queueing models and some practical applications in Emergency Service Systems. <b>2011</b> , 31, 271-299		11

256	Two-Facility Location Problem with Infinite Retrial Queue. <b>2011</b> , 2, 38-54		2
255	A Tabu search algorithm for solving the extended maximal availability location problem. <b>2011</b> , 18, 663-678		2
254	Optimizing large-scale emergency medical system operations on highways using the hypercube queuing model. <b>2011</b> , 45, 105-117		28
253	A modified grouping genetic algorithm to select ambulance site locations. <b>2011</b> , 25, 807-823		16
252	Covering models and optimization techniques for emergency response facility location and planning: a review. <b>2011</b> , 74, 281-310		228
251	A hybrid hypercube Genetic algorithm approach for deploying many emergency response mobile units in an urban network. <i>European Journal of Operational Research</i> , <b>2011</b> , 210, 287-300	5.6	54
250	Emergency mode of enterprise unconventional emergency based on CAS. <b>2011</b> ,		
249	References. <b>2011</b> , 483-490		
248	Decision Making for Emergency Medical Services. <b>2012</b> , 275-296		3
247	Déploiement et Redéploiement des Véhicules Ambulanciers dans la Gestion d'un Service Préhospitalier d'Urgence. <b>2012</b> , 50, 1-30		13
246	AN APPROXIMATION FOR THE KTH NEAREST DISTANCE AND ITS APPLICATION TO LOCATIONAL ANALYSIS. <b>2012</b> , 55, 146-157		0
245	Research on location problem of emergency service facilities based on genetic-simulated annealing algorithm. <b>2012</b> , 5, 206		13
244	A case study on the application of an approximated hypercube model to emergency medical systems management. <b>2012</b> , 20, 559-581		10
243	Hypercube simulation analysis for a large-scale ambulance service system. <b>2012</b> ,		2
242	A simulation-based iterative method for a trauma center Air ambulance location problem. <b>2012</b> ,		5
241	Modeling emergency medical response to a mass casualty incident using agent based simulation. <b>2012</b> , 46, 281-290		46
240	An optimization approach for dispatching and relocating EMS vehicles. <b>2012</b> , 2, 211-223		12
239	Design and Benefit-Cost Analysis of Deploying Freeway Incident Response Units: Case Study for Capital Beltway in Maryland. <b>2012</b> , 2278, 104-114		5

238	Community-Based Operations Research. <b>2012,</b>		15
237	A taxonomy for emergency service station location problem. <b>2012, 6, 1147-1160</b>		59
236	Joint distribution of distances to the first and the second nearest facilities. <b>2012, 14, 209-222</b>		7
235	Linear upper-bound unavailability set covering models for locating ambulances: Application to Tehran rural roads. <i>European Journal of Operational Research</i> , <b>2012, 221, 263-272</b>	5.6	28
234	Research on Emergency Resource Dispatching Model Based on Cost-Benefit Analysis. <b>2012, 5, 295-300</b>		3
233	Ambulance allocation for maximal survival with heterogeneous outcome measures. <b>2012, 40, 918-926</b>		82
232	EMS Planning and Management. <b>2013, 105-128</b>		17
231	A Chance Constrained Programming Model for Reliable Emergency Vehicles Relocation Problem. <b>2013, 96, 671-682</b>		10
230	Anticipatory routing of police helicopters. <b>2013, 40, 6938-6947</b>		1
229	A review on simulation models applied to emergency medical service operations. <b>2013, 66, 734-750</b>		106
228	A comparison of evaluation methods for police patrol district designs. <b>2013,</b>		3
227	A new model for planning emergency facilities in Shanghai. <b>2013,</b>		
226	A Markov Chain Model for an EMS System with Repositioning. <b>2013, 22, 216-231</b>		71
225	Simulation and Real-Time Optimised Relocation for Improving Ambulance Operations. <b>2013, 289-317</b>		12
224	Application of queueing theory in health care: A literature review. <b>2013, 2, 25-39</b>		91
223	Optimizing Fire Station Locations for the Istanbul Metropolitan Municipality. <b>2013, 43, 240-255</b>		39
222	A stochastic optimization model for real-time ambulance redeployment. <i>Computers and Operations Research</i> , <b>2013, 40, 1972-1978</b>	4.6	53
221	A model for optimally dispatching ambulances to emergency calls with classification errors in patient priorities. <b>2013, 45, 1-24</b>		62

220	The dynamic redeployment coverage location model. <b>2013</b> , 2, 103-119		17
219	Joint location and dispatching decisions for Emergency Medical Services. <b>2013</b> , 64, 917-928		88
218	Location and reliability problems on a line: Impact of objectives and correlated failures on optimal location patterns. <b>2013</b> , 41, 766-779		25
217	Disaster Resilience of hospitals considering emergency ambulance services. <b>2013</b> ,		7
216	Districting and dispatching policies for emergency medical service systems to improve patient survival. <b>2013</b> , 3, 39-56		27
215	A Deployed Quantal Response-Based Patrol Planning System for the U.S. Coast Guard. <b>2013</b> , 43, 400-420		61
214	A contribution for integrating dispatching and covering in the emergency vehicles management services. <b>2013</b> , 5, 121		1
213	References. <b>2013</b> , 499-508		
212	Análise da configuração de SAMU utilizando múltiplas alternativas de localização de ambulâncias. <i>Gestão &amp; Produção</i> , <b>2013</b> , 20, 287-302	0.9	4
211	Extensão do modelo hipercubo para análise de sistemas de atendimento médico emergencial com prioridade na fila. <b>2014</b> , 24, 1-12		2
210	Operations Research Contributions to Emergency Department Patient Flow Optimization: Review and Research Prospects. <b>2014</b> ,		4
209	Improving highway accident management through patrol beat scheduling. <b>2014</b> , 37, 108-125		2
208	Solving a Location, Allocation, and Capacity Planning Problem with Dynamic Demand and Response Time Service Level. <b>2014</b> , 2014, 1-25		4
207	Distribution of the Sum of Distances to the First and Second Nearest Facilities. <b>2014</b> , 46, 321-333		6
206	Recommendations for dispatching emergency vehicles under multitiered response via simulation. <b>2014</b> , 21, 581-617		15
205	The competitive location problem with customer switching behavior of congested facility. <b>2014</b> ,		
204	Simulation optimization of police patrol districting plans using response surfaces. <b>2014</b> , 90, 687-705		6
203	Deployment of field hospitals in mass casualty incidents. <b>2014</b> , 74, 37-51		43

202	Stochastic dynamic itinerary interception refueling location problem with queue delay for electric taxi charging stations. <b>2014</b> , 40, 123-142		144
201	Public facility location using dispersion, population, and equity criteria. <i>European Journal of Operational Research</i> , <b>2014</b> , 234, 819-829	5.6	36
200	A Stochastic Programming Approach for the Optimal Placement of Gas Detectors: Unavailability and Voting Strategies. <b>2014</b> , 53, 5355-5365		20
199	A Stochastic Emergency Vehicle Redeployment Model for an Effective Response to Traffic Incidents. <b>2014</b> , 1-12		3
198	A new probabilistic coverage model for ambulances deployment with hypercube queuing approach. <b>2014</b> , 70, 1157-1168		6
197	Designing Robust Coverage Systems: A Maximal Covering Model with Geographically Varying Failure Probabilities. <b>2014</b> , 104, 922-938		6
196	The minimum p-envy location problem with requirement on minimum survival rate. <b>2014</b> , 74, 228-239		15
195	Two new models for redeployment of ambulances. <b>2014</b> , 78, 271-284		30
194	Improving emergency service in rural areas: a bi-objective covering location model for EMS systems. <i>Annals of Operations Research</i> , <b>2014</b> , 221, 133-159	3.2	53
193	Modeling the Emergency Service Network of Police Special Forces Units for High-Risk Law Enforcement Operations. <b>2014</b> , 52, 206-226		4
192	Stochastic Location Models with Congestion. <b>2015</b> , 443-486		15
191	Location Problems in Healthcare. <b>2015</b> , 555-579		7
190	A multi-criteria Police Districting Problem for the efficient and effective design of patrol sector. <i>European Journal of Operational Research</i> , <b>2015</b> , 246, 674-684	5.6	49
189	Design of Deploying Expressway Incident Response Trucks in Regional Expressway Networks: A Case Study in Shanxi Province. <b>2015</b> ,		
188	Facility location problem with data uncertainty for quality rice development. <b>2015</b> ,		
187	A spatially distributed queuing model considering dispatching policies with server reservation. <b>2015</b> , 75, 49-66		15
186	Reducing disparities in large-scale emergency medical service systems. <b>2015</b> , 66, 1169-1181		23
185	Cost-effective analyses for emergency medical services deployment: A case study in Shanghai. <b>2015</b> , 163, 112-123		21

184	Approximation methods for large-scale spatial queueing systems. <b>2015</b> , 74, 151-181		10
183	DES AND RES PROCESSES AND THEIR EXPLICIT SOLUTIONS. <b>2015</b> , 29, 191-217		9
182	Location Science. <b>2015</b> ,		63
181	An ABC heuristic for optimizing moveable ambulance station location and vehicle repositioning for the city of S $\tilde{B}$ Paulo. <b>2015</b> , 22, 473-501		10
180	A reliability model for facility location design under imperfect information. <b>2015</b> , 81, 596-615		24
179	Applications of Location Analysis. <b>2015</b> ,		11
178	Operations research/management contributions to emergency department patient flow optimization: Review and research prospects. <b>2015</b> , 5, 101-123		74
177	Reliable emergency service facility location under facility disruption, en-route congestion and in-facility queuing. <b>2015</b> , 82, 199-216		45
176	Facility location design under continuous traffic equilibrium. <b>2015</b> , 81, 18-33		23
175	A Heuristic for the Multisource Weber Problem with Service Level Constraints. <b>2015</b> , 49, 472-483		1
174	A maximum expected covering problem for locating and dispatching two classes of military medical evacuation air assets. <b>2015</b> , 9, 1511-1531		14
173	Incorporating priorities for waiting customers in the hypercube queueing model with application to an emergency medical service system in Brazil. <i>European Journal of Operational Research</i> , <b>2015</b> , 242, 274-285	5.6	28
172	Supporting decision making to improve the performance of an Italian Emergency Medical Service. <i>Annals of Operations Research</i> , <b>2016</b> , 236, 131-148	3.2	31
171	Optimizing emergency preparedness and resource utilization in mass-casualty incidents. <i>European Journal of Operational Research</i> , <b>2016</b> , 255, 531-544	5.6	30
170	Robust ambulance allocation using risk-based metrics. <b>2016</b> ,		
169	A Stochastic Emergency Response Location Model Considering Secondary Incidents on Freeways. <b>2016</b> , 17, 2528-2540		18
168	Estimating the performance of emergency medical service location models via discrete event simulation. <b>2016</b> , 102, 467-475		29
167	The Vehicle Mix Decision in Emergency Medical Service Systems. <b>2016</b> , 18, 347-360		17

166	Iterative optimization algorithm with parameter estimation for the ambulance location problem. <b>2016</b> , 19, 362-382		11
165	A nested-compliance table policy for emergency medical service systems under relocation. <b>2016</b> , 58, 154-168		31
164	A dynamic ambulance management model for rural areas : Computing redeployment actions for relevant performance measures. <b>2017</b> , 20, 165-186		17
163	A Maximum Expected Covering Problem for District Design. <b>2017</b> , 51, 376-390		22
162	Strategic ambulance location for heterogeneous regions. <i>European Journal of Operational Research</i> , <b>2017</b> , 260, 122-133	5.6	24
161	An ILP and simulation model to optimize search and rescue helicopter operations. <b>2017</b> , 68, 1335-1351		26
160	Logistics for Emergency Medical Service systems. <b>2017</b> , 6, 187-208		36
159	Location analysis of emergency vehicles using an approximate queueing model. <b>2017</b> , 22, 430-439		2
158	An approximate hypercube model for public service systems with co-located servers and multiple response. <b>2017</b> , 103, 143-157		13
157	Towards hypercube queuing models for dispatch policies with priority in queue and partial backup. <i>Computers and Operations Research</i> , <b>2017</b> , 84, 92-105	4.6	11
156	Location Models for Emergency Service Applications. <b>2017</b> , 234-271		4
155	Emergency medical services and beyond: Addressing new challenges through a wide literature review. <i>Computers and Operations Research</i> , <b>2017</b> , 78, 349-368	4.6	117
154	Compliance tables for an EMS system with two types of medical response units. <i>Computers and Operations Research</i> , <b>2017</b> , 80, 68-81	4.6	16
153	Location of Facility Based on Simulated Annealing and "KW" Algorithms. <b>2017</b> , 2017, 1-9		20
152	Analysis of MCLP, Q-MALP, and MQ-MALP with Travel Time Uncertainty Using Monte Carlo Simulation. <b>2017</b> , 2017, 1-15		2
151	Aplicação do modelo hipercubo com prioridade na fila com mais de um servidor preferencial sem considerar a hipótese de backup parcial: estudo de caso em um SAMU. <i>Gestão &amp; Produção</i> , <b>2017</b> , 24, 814-828 <sup>0.9</sup>		1
150	Design of an Optimization Routing Model for Real Time Emergency Medical Service System in Chennai Using Fuzzy Techniques. <b>2018</b> , 266-279		2
149	Ambulance redeployment and dispatching under uncertainty with personnel workload limitations. <b>2018</b> , 50, 777-788		14

- 148 Study on Urban Fire Station Planning based on Fire Risk Assessment and GIS Technology. **2018**, 211, 124-130 9
- 147 Locating emergency vehicles with an approximate queuing model and a meta-heuristic solution approach. **2018**, 90, 134-155 8
- 146 Demand-point constrained EMS vehicle allocation problems for regions with both urban and rural areas. **2018**, 18, 65-83 6
- 145 A stochastic approach for designing two-tiered emergency medical service systems. **2018**, 30, 123-152 18
- 144 Stochastic modelling and pilot data analysis towards provisioning of ambulance for handling emergency. **2018**, 11, 213
- 143 Technology for Management of Labor Productivity at the Enterprise Level. **2018**, 07,
- 142 Optimizing a Hierarchical Location: Allocation Problem Using the M/M/M Queue Model and Solving It Employing a Genetic Algorithm. **2018**, 07, 1
- 141 A Gentle Introduction to Creating Optimal Patrol Areas. **2018**,
- 140 Ambulance Dispatch Center Pilots Proactive Relocation Policies to Enhance Effectiveness. **2018**, 48, 235-246 4
- 139 Analyzing an emergency maintenance system in the agriculture stage of a Brazilian sugarcane mill using an approximate hypercube method. *Computers and Electronics in Agriculture*, **2018**, 151, 441-452 6.5 2
- 138 District model with two types of vehicles for transporting sugarcane. **2018**,
- 137 Performance Approximation of Emergency Service Systems with Priorities and Partial Backups. **2018**, 52, 1235-1252 6
- 136 Network Design. **2018**, 273-340
- 135 References. **2018**, 389-411
- 134 Detailing Losses in the M/M/1/1 Transient Loss System. **2018**, 34, 373-385
- 133 An enhanced fuzzy evidential DEMATEL method with its application to identify critical success factors. **2018**, 22, 5073-5090 81
- 132 An iterative method for simultaneously locating trauma centers and helicopters through the planning horizon. **2018**, 19, 185-196 3
- 131 Designing capacity rollout plan for neonatal care service system in Korea. **2019**, 41, 809-830 3

130	A New Approach Based On the Hybridization of Simulated Annealing Algorithm and Tabu Search to Solve the Static Ambulance Routing Problem. <b>2019</b> , 159, 1216-1228		8
129	A hierarchical location model for determining capacities of neonatal intensive care units in Korea. <b>2019</b> , 68, 100695		2
128	Designing modular capacitated emergency medical service using information on ambulance trip. <b>2019</b> , 21, 1723		2
127	Site Selection Models in Natural Disaster Shelters: A Review. <b>2019</b> , 11, 399		16
126	The use of aircraft tracking GPS data to develop models of the use of airtankers in forest fire management. <b>2019</b> , 57, 535-562		2
125	A multi-layer congested facility location problem with consideration of impatient customers in a queuing system. <b>2019</b> , 52, 2279-2284		1
124	Online optimization with look-ahead for freeway emergency vehicle dispatching considering availability. <b>2019</b> , 109, 95-116		7
123	Literature Review of Analytical Models on Emergency Vehicle Service: Location, Dispatching, Routing and Preemption Control. <b>2019</b> ,		3
122	Identifying trade-offs in equity and efficiency for simultaneously optimizing location and multipriority dispatch of ambulances. <b>2019</b> , 26, 415-438		14
121	Creating optimal patrol areas using the P-median model. <b>2019</b> , 42, 318-333		5
120	Distributionally robust optimization of an emergency medical service station location and sizing problem with joint chance constraints. <b>2019</b> , 119, 79-101		42
119	A Bi-objective Covering Location Problem. <b>2019</b> , 57, 432-444		4
118	Optimization of competitive facility location for chain stores. <i>Annals of Operations Research</i> , <b>2019</b> , 273, 187-205	3.2	16
117	Queueing theoretic analysis of labor and delivery : Understanding management styles and C-section rates. <b>2019</b> , 22, 16-33		8
116	Recent optimization models and trends in location, relocation, and dispatching of emergency medical vehicles. <i>European Journal of Operational Research</i> , <b>2019</b> , 272, 1-23	5.6	78
115	Reliable maximinâ€aximum locations for maximum service availability on tree networks vulnerable to disruptions. <i>Annals of Operations Research</i> , <b>2020</b> , 286, 669-701	3.2	4
114	Measuring the spatial accessibility to fire stations using enhanced floating catchment method. <b>2020</b> , 69, 100673		18
113	Optimal deployment of emergency rescue stations in an urban transportation corridor. <b>2020</b> , 47, 445-473		2

112	Using optimization to provide decision support for strategic emergency medical service planning - Three case studies. <b>2020</b> , 133, 103975		11
111	Improving fairness in ambulance planning by time sharing. <i>European Journal of Operational Research</i> , <b>2020</b> , 280, 1095-1107	5.6	8
110	Robust, multi-objective optimization for the military medical evacuation location-allocation problem. <b>2020</b> , 97, 102088		17
109	Dispatching fire trucks under stochastic driving times. <i>Computers and Operations Research</i> , <b>2020</b> , 114, 104829	4.6	8
108	Bi-objective optimization approach to a multi-layer location-allocation problem with jockeying. <b>2020</b> , 149, 106740		1
107	Bi-level programming enabled design of an intelligent maritime search and rescue system. <b>2020</b> , 46, 101194		3
106	Optimizing Ambulance Locations for Coverage Enhancement of Accident Sites in South Delhi. <b>2020</b> , 48, 280-289		2
105	Emergency management systems after disastrous earthquakes using optimization methods: A comprehensive review. <b>2020</b> , 149, 102885		12
104	Multi-period stochastic programming models for two-tiered emergency medical service system. <i>Computers and Operations Research</i> , <b>2020</b> , 123, 104974	4.6	6
103	Modeling Yellow and Red Alert Durations for Ambulance Systems. <b>2020</b> , 29, 1972-1991		1
102	Emergency Response after Disaster Strikes: Agent-Based Simulation of Ambulances in New Windsor, NY. <b>2020</b> , 26, 06020001		3
101	A facility location and equipment emplacement technique model with expected coverage for the location of fire stations in the Concepci3n province, Chile. <b>2020</b> , 147, 106522		8
100	Joint relocation and districting using a nested compliance model for EMS systems. <b>2020</b> , 142, 106327		7
99	A two-stage dynamic capacity planning approach for agricultural machinery maintenance service with demand uncertainty. <b>2020</b> , 190, 201-217		16
98	A recursive simulation-optimization framework for the ambulance location and dispatching problem. <i>European Journal of Operational Research</i> , <b>2020</b> , 286, 713-725	5.6	14
97	An Efficient Exact Hypercube Model with Fully Dedicated Servers. <b>2021</b> , 55, 222-237		1
96	A spatial queuing model for the location decision of emergency medical vehicles for pandemic outbreaks: the case of Za'atari refugee camp. <b>2021</b> , 11, 296-319		3
95	Cooperative Hypercube Queuing Model for Emergency Service Systems. <b>2021</b> , 2021, 1-12		2

94	A multi-verse optimizer algorithm for ambulance repositioning in emergency medical service systems. 1		5
93	Demand modelling for emergency medical service system with multiple casualties cases: k-inflated mixture regression model. <b>2021</b> , 33, 1090		0
92	Using a genetic algorithm to solve a non-linear location allocation problem for specialised children's ambulances in England and Wales. 1-11		4
91	A simulation-optimization algorithm for return strategies in emergency medical systems. <b>2021</b> , 97, 565-588		3
90	Metaheuristics in the decentralization of SAMU bases using simulation in northeastern Brazil. <b>2021</b> , 29, 445-456		1
89	Designing a drone delivery network with automated battery swapping machines. <i>Computers and Operations Research</i> , <b>2021</b> , 129, 105177	4.6	8
88	Locations of congested facilities with interruptible immobile servers. <b>2021</b> , 156, 107220		0
87	A robust possibilistic programming approach for blood supply chain network design in disaster relief considering congestion. 1		1
86	Integration of Facility Location and Hypercube Queuing Models in Emergency Medical Systems. <b>2021</b> , 30, 495		2
85	A literature review on police patrolling problems. <i>Annals of Operations Research</i> , 1	3.2	1
84	A simulation and optimisation package for emergency medical services. <i>European Journal of Operational Research</i> , <b>2021</b> , 298, 1101-1101	5.6	0
83	A simulation-optimization approach for the facility location and vehicle assignment problem for firefighters using a loosely coupled spatio-temporal arrival process. <b>2021</b> , 157, 107242		0
82	Enhanced coverage by integrating site interdependencies in capacitated EMS location models. <b>2021</b> , 1		1
81	Planning for time-varying volunteer firefighter systems under probabilistic service disruptions. <b>2021</b> , 154, 102459		0
80	Emergency facility location problems in logistics: Status and perspectives. <b>2021</b> , 154, 102465		4
79	Two Server Dynamic Coverage Location Model Under Stochastic Travel Time. <b>2021</b> , 7, 1		0
78	Encyclopedia of Operations Research and Management Science. <b>2001</b> , 159-168		1
77	Encyclopedia of Operations Research and Management Science. <b>2001</b> , 373-377		4

76	Rapid Distribution of Medical Supplies. <b>2006</b> , 309-338	12
75	Encyclopedia of Operations Research and Management Science. <b>2013</b> , 733-739	1
74	“Community-Based Operations Research” <b>2012</b> , 37-65	5
73	Deployed Security Games for Patrol Planning. <b>2013</b> , 45-72	2
72	Location Models in Transportation. <b>1999</b> , 311-360	13
71	Stochastic Location Models with Congestion. <b>2019</b> , 477-535	1
70	Location Problems in Healthcare. <b>2019</b> , 657-686	6
69	A Review of Districting Problems in Health Care. <b>2020</b> , 31-55	6
68	Designing Ambulance Service Districts Under Uncertainty. <b>2020</b> , 153-170	2
67	A Hypercube Queuing Model Approach for the Location Optimization Problem of Emergency Vehicles for Large-Scale Study Areas. <b>2020</b> , 321-330	2
66	Facility Location Problems with Stochastic Demands and Congestion. <b>2002</b> , 329-371	47
65	Discrete Network Location Models. <b>2002</b> , 81-118	103
64	Location Problems in the Public Sector. <b>2002</b> , 119-150	64
63	Deployed ARMOR Protection: The Application of a Game-Theoretic Model for Security at the Los Angeles International Airport. 67-87	4
62	GUARDS: Game-Theoretic Security Allocation on a National Scale. 107-128	27
61	Locating Emergency Services with Different Priorities: The Priority Queuing Covering Location Problem. <b>2016</b> , 15-35	2
60	Decision Support Tools for Ambulance Dispatch and Relocation. <b>2016</b> , 36-51	2
59	Resource Planning Under Hypercube Queuing Equilibrium With Server Disruptions and Cooperative Dispatches. <b>2020</b> , 1-12	2

58	O uso do modelo hipercubo na soluçõ de problemas de localizaõ probabilísticos. <i>Gestõ &amp; Produçõ</i> , <b>2000</b> , 7, 146-174	0.9	13
57	Ambulance Deployment and Shift Scheduling: An Integrated Approach. <b>2011</b> , 04, 66-78		7
56	Efficient Routing of Emergency Vehicles under Uncertain Urban Traffic Conditions. <b>2012</b> , 05, 241-248		3
55	Time to Critical Condition in Emergency Services. <b>2021</b> , 26, 70		
54	Joint location and assignment optimization of multi-type fire vehicles.		1
53	Encyclopedia of Operations Research and Management Science. <b>2001</b> , 243-248		
52	Public Sector Operations Research. <b>2002</b> , 50, 135-145		3
51	Locating Emergency Services with Different Priorities: The Priority Queuing Covering Location Problem.		
50	EFFECT OF FACILITY CLOSING INFORMATION ON TRAVEL DISTANCE. <b>2009</b> , 52, 468-476		
49	Encyclopedia of Operations Research and Management Science. <b>2013</b> , 490-497		
48	Rapid Distribution of Medical Supplies. <b>2013</b> , 385-410		1
47	Encyclopedia of Operations Research and Management Science. <b>2013</b> , 303-313		
46	DESIGN AND EVALUATION OF AN IMAGE GENERATOR WITH INFORMATION EXCHANGE. <b>1981</b> , 2341-2349		
45	Negotiating Cooperation between Adjacent Service Networks. <b>1988</b> , 237-266		
44	Distributed Service Network Characteristics. <b>1988</b> , 1-21		
43	A Comprehensive Approach to Cooperation. <b>1988</b> , 267-290		
42	Posicionamento de ambulâncias do SAMU atravõ de Programaõ Inteirã e Teoria de Filas. <i>Gestõ &amp; Produçõ</i> , <b>2016</b> , 23, 828-841	0.9	0
41	Data-Driven Omniscient Bounds and Greedy Policies for Ambulance Allocation and Dynamic Redeployment.		1

40	Queues in Service Systems: Some Unusual Applications. <b>2019</b> , 327-348		
39	Improving Productivity: An Emergency Service System in Which Cross-Trained Fire-Medics Respond to Medical Calls and Fire Incidents.		0
38	A Novel Birth and Death Chain Formulation and Solution to a Spatial Queuing Problem.		
37	Strategic location of ambulances under temporal variation in demand and travel time using variable neighbourhood search based approach. <b>2021</b> , 162, 107780		0
36	Mobile Facilities Dynamic Location Based on Demand Density Perception and GNG. <b>2020</b> , 10, 1243-1251		
35	Two-Facility Location Problem with Infinite Retrial Queue. 294-310		
34	CAPITAL WIRELESS INTEGRATED NETWORK. <b>2006</b> , 169-192		
33	Optimizing Ambulance Deployment using Genetic Algorithm. <b>2021</b> ,		
32	Ambulance Dispatching during a Pandemic: Tradeoffs of Categorizing Patients and Allocating Ambulances. <i>European Journal of Operational Research</i> , <b>2021</b> ,	5.6	1
31	A Review of Incident Prediction, Resource Allocation, and Dispatch Models for Emergency Management.. <i>Accident Analysis and Prevention</i> , <b>2021</b> , 165, 106501	6.1	0
30	Optimal Dispatch in Emergency Service System via Reinforcement Learning. <i>Springer Proceedings in Business and Economics</i> , <b>2022</b> , 75-87	0.2	
29	Time-dependent performance evaluation of tire repair emergency systems in the agricultural stage of sugarcane mills. <i>Computers and Electronics in Agriculture</i> , <b>2022</b> , 193, 106701	6.5	0
28	Ambulances Deployment Problems: Categorization, Evolution and Dynamic Problems Review. <i>ISPRS International Journal of Geo-Information</i> , <b>2022</b> , 11, 109	2.9	1
27	Emergency Material Reserve Location Research in Urban Areas Based on the Supply and Demand Perspective: A Case from China. <i>Journal of Computer and Communications</i> , <b>2022</b> , 10, 29-45	0.8	
26	Modelling locationâallocation of emergency medical service stations and ambulance routing problems considering the variability of events and recurrent traffic congestion: A real case study. <i>Healthcare Analytics</i> , <b>2022</b> , 100048		
25	Queueing Problems in Emergency Departments: A Review of Practical Approaches and Research Methodologies. <i>SN Operations Research Forum</i> , <b>2022</b> , 3, 1	0.5	1
24	An Epidemic Spreading Simulation and Emergency Management Based on System Dynamics: A Case Study of Chinaâ University Community. <i>Complexity</i> , <b>2022</b> , 2022, 1-12	1.6	
23	Facility Location with Externalities. <b>2008</b> , 979-982		

22	Study of the impact of the start time of work shift on the efficiency of an emergency system through a simulation model of discrete events. <i>Gestão &amp; Produção</i> , 29,	0.9
21	Capacity Optimization of EV Charging Networks: A Greedy Algorithmic Approach. <b>2022</b> ,	0
20	Discrete Location Problems with Uncertainty. <b>2022</b> , 43-71	
19	Optimizing the Multi-Level Location-Assignment Problem in Queue Networks Using a Multi-Objective Optimization Approach. <i>Foundations of Computing and Decision Sciences</i> , <b>2022</b> , 47, 177-197	0.7
18	On queueing-inventory-location problems. <i>Annals of Operations Research</i> ,	3.2
17	Cross-Trained Fire-Medics Respond to Medical Calls and Fire Incidents: A Fast Algorithm for a Three-State Spatial Queuing Problem.	
16	Ambulance location under temporal variation in demand using a mixed coded memetic algorithm.	
15	Cross-Trained Fire-Medics Respond to Medical Calls and Fire Incidents: A Fast Algorithm for a Three-State Spatial Queuing Problem.	0
14	Data-Driven Optimization for Atlanta Police-Zone Design. <b>2022</b> , 52, 412-432	0
13	Fairness or efficiency-Managing this conflict in emergency medical services location planning. <b>2022</b> , 173, 108664	1
12	Planning reliable service facility location against disruption risks and last-mile congestion in a continuous space. <b>2022</b> , 165, 123-140	0
11	Emergency medical service location problem based on physical bounds using chance-constrained programming approach. 1-13	0
10	A mixed-integer programming model for identifying intuitive ambulance dispatching policies. 1-12	0
9	Optimal Unit Locations in Emergency Service Systems with Bayesian Optimization. <b>2022</b> , 439-452	0
8	Facility Location-Allocation Problem for Emergency Medical Service With Unmanned Aerial Vehicle. <b>2022</b> , 1-15	0
7	Evaluation of timeliness and models of transporting critically ill children for intensive care: the DEPICT mixed-methods study. <b>2022</b> , 10, 1-204	0
6	Reliable design of a congested disaster relief network: A two-stage stochastic-robust optimization approach. <b>2022</b> , 101498	0
5	The Weber problem in logistic and services networks under congestion. <b>2023</b> , 11, 100056	0

- 4 Solving jointly districting and resource location and allocation problems: An application to the design of Emergency Medical Services. **2023**, 179, 109232
- 3 Capturing delays in response of emergency services in Delhi. **2023**, 101543
- 2 Analysis of the location problem of emergency attendance teams for a railroad through optimization.
- 1 Modelling Emergency Rescue System on Highways: A Queueing Approach. **2022**,