

Anand Subramanian

List of Publications by Citations

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

61

papers

1,855

citations

22

h-index

42

g-index

62

ext. papers

2,230

ext. citations

3.5

avg, IF

5.36

L-index

#	Paper	IF	Citations
61	A parallel heuristic for the Vehicle Routing Problem with Simultaneous Pickup and Delivery. <i>Computers and Operations Research</i> , 2010 , 37, 1899-1911	4.6	172
60	A hybrid algorithm for a class of vehicle routing problems. <i>Computers and Operations Research</i> , 2013 , 40, 2519-2531	4.6	142
59	New benchmark instances for the Capacitated Vehicle Routing Problem. <i>European Journal of Operational Research</i> , 2017 , 257, 845-858	5.6	138
58	An Iterated Local Search heuristic for the Heterogeneous Fleet Vehicle Routing Problem. <i>Journal of Heuristics</i> , 2013 , 19, 201-232	1.9	134
57	A hybrid algorithm for the Heterogeneous Fleet Vehicle Routing Problem. <i>European Journal of Operational Research</i> , 2012 , 221, 285-295	5.6	99
56	A matheuristic approach for the Pollution-Routing Problem. <i>European Journal of Operational Research</i> , 2015 , 243, 523-539	5.6	90
55	A simple and effective metaheuristic for the Minimum Latency Problem. <i>European Journal of Operational Research</i> , 2012 , 221, 513-520	5.6	86
54	An iterated local search heuristic for the split delivery vehicle routing problem. <i>Computers and Operations Research</i> , 2015 , 53, 234-249	4.6	77
53	A heuristic algorithm for a single vehicle static bike sharing rebalancing problem. <i>Computers and Operations Research</i> , 2017 , 79, 19-33	4.6	74
52	An Iterated Local Search heuristic for the single machine total weighted tardiness scheduling problem with sequence-dependent setup times. <i>International Journal of Production Research</i> , 2014 , 52, 2729-2742	7.8	60
51	The static bike relocation problem with multiple vehicles and visits. <i>European Journal of Operational Research</i> , 2018 , 264, 508-523	5.6	59
50	The Bike sharing Rebalancing Problem with Stochastic Demands. <i>Transportation Research Part B: Methodological</i> , 2018 , 118, 362-380	7.2	54
49	A speed and departure time optimization algorithm for the pollution-routing problem. <i>European Journal of Operational Research</i> , 2015 , 247, 782-787	5.6	52
48	Hybrid metaheuristics for the Clustered Vehicle Routing Problem. <i>Computers and Operations Research</i> , 2015 , 58, 87-99	4.6	52
47	Branch-and-cut with lazy separation for the vehicle routing problem with simultaneous pickup and delivery. <i>Operations Research Letters</i> , 2011 , 39, 338-341	1	51
46	Branch-cut-and-price for the vehicle routing problem with simultaneous pickup and delivery. <i>Optimization Letters</i> , 2013 , 7, 1569-1581	1.1	37
45	An iterated local search heuristic for multi-capacity bin packing and machine reassignment problems. <i>Expert Systems With Applications</i> , 2013 , 40, 5266-5275	7.8	36

44	A hybrid heuristic for a broad class of vehicle routing problems with heterogeneous fleet. <i>Annals of Operations Research</i> , 2019 , 273, 5-74	3.2	32
43	Exact and heuristic algorithms for order acceptance and scheduling with sequence-dependent setup times. <i>Computers and Operations Research</i> , 2018 , 90, 142-160	4.6	31
42	A Branch-and-Bound Algorithm for the Close-Enough Traveling Salesman Problem. <i>INFORMS Journal on Computing</i> , 2016 , 28, 752-765	2.4	28
41	Improved bounds for large scale capacitated arc routing problem. <i>Computers and Operations Research</i> , 2013 , 40, 2145-2160	4.6	27
40	An iterated local search algorithm for the Travelling Salesman Problem with Pickups and Deliveries. <i>Journal of the Operational Research Society</i> , 2013 , 64, 402-409	2	25
39	A multi-objective evolutionary algorithm for a class of mean-variance portfolio selection problems. <i>Expert Systems With Applications</i> , 2019 , 133, 225-241	7.8	21
38	Exact algorithms for the traveling salesman problem with draft limits. <i>European Journal of Operational Research</i> , 2014 , 235, 115-128	5.6	20
37	A hybrid iterated local search heuristic for the maximum weight independent set problem. <i>Optimization Letters</i> , 2018 , 12, 567-583	1.1	19
36	A hybrid heuristic, based on Iterated Local Search and GENIUS, for the Vehicle Routing Problem with Simultaneous Pickup and Delivery. <i>International Journal of Logistics Systems and Management</i> , 2011 , 10, 142	0.7	19
35	The Static Bike Sharing Rebalancing Problem with Forbidden Temporary Operations. <i>Transportation Science</i> , 2019 , 53, 882-896	4.4	18
34	A unified heuristic and an annotated bibliography for a large class of earliness/tardiness scheduling problems. <i>Journal of Scheduling</i> , 2019 , 22, 21-57	1.6	17
33	Exact solution of the single-machine scheduling problem with periodic maintenances and sequence-dependent setup times. <i>European Journal of Operational Research</i> , 2018 , 266, 498-507	5.6	15
32	Efficient algorithms for cluster editing. <i>Journal of Combinatorial Optimization</i> , 2016 , 31, 347-371	0.9	14
31	On solving manufacturing cell formation via Bicluster Editing. <i>European Journal of Operational Research</i> , 2016 , 254, 769-779	5.6	13
30	A column generation approach for power-aware optimization of virtualized heterogeneous server clusters. <i>Computers and Industrial Engineering</i> , 2012 , 63, 652-662	6.4	12
29	Efficient local search limitation strategy for single machine total weighted tardiness scheduling with sequence-dependent setup times. <i>Computers and Operations Research</i> , 2017 , 79, 190-206	4.6	11
28	An ILS Based Heuristic for the Vehicle Routing Problem with Simultaneous Pickup and Delivery and Time Limit. <i>Lecture Notes in Computer Science</i> , 2008 , 135-146	0.9	11
27	Personnel scheduling during Covid-19 pandemic. <i>Optimization Letters</i> , 2020 , 15, 1-12	1.1	11

26	New Lower Bounds for the Vehicle Routing Problem with Simultaneous Pickup and Delivery. <i>Lecture Notes in Computer Science</i> , 2010 , 276-287	0.9	10
25	Continuous greedy randomized adaptive search procedure for data clustering. <i>Applied Soft Computing Journal</i> , 2018 , 72, 43-55	7.5	9
24	A two-phase Pareto local search heuristic for the bi-objective pollution-routing problem. <i>Networks</i> , 2018 , 72, 311-336	1.6	9
23	Mathematical models and decomposition algorithms for makespan minimization in plastic rolls production Please note this paper has been re-typeset by Taylor & Francis from the manuscript originally provided to the previous publisher. View all notes. <i>Journal of the Operational Research Society</i> , 2018 , 69, 326-339	2	8
22	Iterated local search for single machine total weighted tardiness batch scheduling. <i>Journal of Heuristics</i> , 2021 , 27, 353-438	1.9	8
21	Analysis of Path Planning Algorithms Based on Travelling Salesman Problem Embedded in UAVs 2015 ,		6
20	On the exact solution of vehicle routing problems with backhauls. <i>European Journal of Operational Research</i> , 2020 , 287, 76-89	5.6	5
19	A hybrid algorithm for the multi-depot heterogeneous dial-a-ride problem. <i>Computers and Operations Research</i> , 2021 , 129, 105196	4.6	5
18	On the exact solution of a large class of parallel machine scheduling problems. <i>Journal of Scheduling</i> , 2020 , 23, 411-429	1.6	4
17	Generating guitar solos by integer programming. <i>Journal of the Operational Research Society</i> , 2018 , 69, 971-985	2	4
16	A satisfiability and workload-based exact method for the resource constrained project scheduling problem with generalized precedence constraints. <i>European Journal of Operational Research</i> , 2021 , 289, 809-824	5.6	4
15	Branch-and-cut approaches for p-Cluster Editing. <i>Discrete Applied Mathematics</i> , 2017 , 219, 51-64	1	3
14	A hybrid algorithm for the multi-depot vehicle scheduling problem arising in public transportation. <i>International Journal of Industrial Engineering Computations</i> , 2019 , 361-374	1.7	3
13	Optimizing single-finger keyboard layouts on smartphones. <i>Computers and Operations Research</i> , 2020 , 120, 104947	4.6	3
12	A simple and effective hybrid genetic search for the job sequencing and tool switching problem. <i>Computers and Operations Research</i> , 2021 , 127, 105153	4.6	3
11	On solving the capacitated routing and spectrum allocation problem for flexgrid optical networks. <i>Computer Networks</i> , 2020 , 181, 107535	5.4	2
10	Exact and heuristic approaches for the set cover with pairs problem. <i>Optimization Letters</i> , 2012 , 6, 641-653		2
9	Exact and metaheuristic approaches for identical parallel machine scheduling with a common server and sequence-dependent setup times. <i>Journal of the Operational Research Society</i> , 2021 , 72, 444-457		2

8	Integer programming formulations and efficient local search for relaxed correlation clustering. <i>Journal of Global Optimization</i> , 2021 , 81, 919	1.5	2
7	Branch-and-price for p-cluster editing. <i>Computational Optimization and Applications</i> , 2017 , 67, 293-316	1.4	1
6	Solution strategies for the vehicle routing problem with backhauls. <i>Optimization Letters</i> , 2020 , 14, 2429-2441		1
5	Exact Approaches for Single Machine Total Weighted Tardiness Batch Scheduling. <i>INFORMS Journal on Computing</i> ,	2.4	1
4	Conference scheduling: A clustering-based approach. <i>European Journal of Operational Research</i> , 2021 , 297, 15-15	5.6	1
3	Scheduling the Brazilian OR conference. <i>Journal of the Operational Research Society</i> , 1-12	2	1
2	Problema de roteamento de veículos assimétrico com frota heterogênea limitada: um estudo de caso em uma indústria de bebidas. <i>Gestão & Produção</i> , 2016 , 23, 165-176	0.9	
1	Minimizing energy consumption in a real-life classroom assignment problem. <i>OR Spectrum</i> , 1	1.9	