

# Chris T Kiranoudis

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,464  
citations

318942

23  
h-index

511568

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1483  
citing authors

#	ARTICLE	IF	CITATIONS
1	An infeasible space exploring matheuristic for the Production Routing Problem. European Journal of Operational Research, 2022, 298, 478-495.	3.5	10
2	Satellite-derived quantification of the diurnal and annual dynamics of land surface temperature. Remote Sensing of Environment, 2021, 265, 112642.	4.6	11
3	Satellite-based Emergency Notification System to Support Cities During Extreme Temperature Events. , 2019, , .		0
4	A Satellite-derived Heating- and Cooling-Degrees Geospatial Dataset: Results for Antwerp. , 2019, , .		0
5	Mapping the Spatiotemporal Dynamics of Europe's Land Surface Temperatures. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 202-206.	1.4	25
6	Vehicle routing strategies for pick-up and delivery service under two dimensional loading constraints. Operational Research, 2017, 17, 115-143.	1.3	19
7	Identifying and characterizing the diurnal evolution of urban land surface temperature patterns. , 2017, , .		1
8	Multi-Objective Emergency Response Optimization Around Chemical Plants. Advances in Process Systems Engineering, 2017, , 355-378.	0.3	1
9	Urban thermal risk reduction: Developing and implementing spatially explicit services for resilient cities. Sustainable Cities and Society, 2017, 34, 56-68.	5.1	26
10	Improving the Downscaling of Diurnal Land Surface Temperatures Using the Annual Cycle Parameters as Disaggregation Kernels. Remote Sensing, 2017, 9, 23.	1.8	37
11	Assessing the Capability of a Downscaled Urban Land Surface Temperature Time Series to Reproduce the Spatiotemporal Features of the Original Data. Remote Sensing, 2016, 8, 274.	1.8	33
12	An Online System for Nowcasting Satellite Derived Temperatures for Urban Areas. Remote Sensing, 2016, 8, 306.	1.8	23
13	Real-time appraisal of the spatially distributed heat related health risk and energy demand of cities. , 2016, , .		0
14	The Vehicle Routing Problem with Simultaneous Pick-ups and Deliveries and Two-Dimensional Loading Constraints. European Journal of Operational Research, 2016, 251, 369-386.	3.5	42
15	Evaluating the Operational Retrieval and Downscaling of Urban Land Surface Temperatures. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1312-1316.	1.4	15
16	Diurnal analysis of surface Urban Heat Island using spatially enhanced satellite derived LST data. , 2015, , .		4
17	A satellite-based system for continuous monitoring of Surface Urban Heat Islands. Urban Climate, 2015, 14, 141-153.	2.4	40
18	The load-dependent vehicle routing problem and its pick-up and delivery extension. Transportation Research Part B: Methodological, 2015, 71, 158-181.	2.8	69

#	ARTICLE	IF	CITATIONS
19	Towards real time quarter-hour monitoring of the urban thermal environment at sharpened spatial resolution. , 2014, , .		2
20	Wildfire evacuation trigger buffers for sensitive areas: EVITA project. , 2014, , .		2
21	Integrated distribution and loading planning via a compact metaheuristic algorithm. European Journal of Operational Research, 2013, 228, 56-71.	3.5	51
22	Designing vehicle routes for a mix of different request types, under time windows and loading constraints. European Journal of Operational Research, 2013, 229, 303-317.	3.5	23
23	Downscaling Geostationary Land Surface Temperature Imagery for Urban Analysis. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1253-1257.	1.4	60
24	Heat wave hazard classification and risk assessment using artificial intelligence fuzzy logic. Environmental Monitoring and Assessment, 2013, 185, 8239-8258.	1.3	39
25	The Pallet-Packing Vehicle Routing Problem. Transportation Science, 2012, 46, 341-358.	2.6	44
26	An effective local search approach for the Vehicle Routing Problem with Backhauls. Expert Systems With Applications, 2012, 39, 3174-3184.	4.4	37
27	Identification and analysis of urban surface temperature patterns in Greater Athens, Greece, using MODIS imagery. Remote Sensing of Environment, 2011, 115, 3080-3090.	4.6	110
28	A local search metaheuristic algorithm for the vehicle routing problem with simultaneous pick-ups and deliveries. Expert Systems With Applications, 2011, 38, 2717-2726.	4.4	59
29	An open vehicle routing problem metaheuristic for examining wide solution neighborhoods. Computers and Operations Research, 2010, 37, 712-723.	2.4	63
30	A strategy for reducing the computational complexity of local search-based methods for the vehicle routing problem. Computers and Operations Research, 2010, 37, 2089-2105.	2.4	67
31	Multi-objective evolutionary emergency response optimization for major accidents. Journal of Hazardous Materials, 2010, 178, 792-803.	6.5	64
32	An adaptive memory methodology for the vehicle routing problem with simultaneous pick-ups and deliveries. European Journal of Operational Research, 2010, 202, 401-411.	3.5	70
33	A hybrid metaheuristic algorithm for the vehicle routing problem with simultaneous delivery and pick-up service. Expert Systems With Applications, 2009, 36, 1070-1081.	4.4	106
34	A Hybrid Metaheuristic Algorithm for the Integrated Vehicle Routing and Three-Dimensional Container-Loading Problem. IEEE Transactions on Intelligent Transportation Systems, 2009, 10, 255-271.	4.7	116
35	A Hybrid Guided Local Search for the Vehicle-Routing Problem with Intermediate Replenishment Facilities. INFORMS Journal on Computing, 2008, 20, 154-168.	1.0	81
36	Multi-Objective Emergency Response Optimization Around Chemical Plants. Advances in Process Systems Engineering, 2008, , 339-362.	0.3	0

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37	Modeling emergency evacuation for major hazard industrial sites. Reliability Engineering and System Safety, 2007, 92, 1388-1402.	5.1	74
38	A threshold accepting approach to the Open Vehicle Routing problem. RAIRO - Operations Research, 2004, 38, 345-360.	1.0	40