

Constantine E Kontokosta

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9494624/constantine-e-kontokosta-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. 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.

44
papers

1,214
citations

23
h-index

34
g-index

51
ext. papers

1,632
ext. citations

8
avg, IF

5.91
L-index

#	Paper	IF	Citations
44	Take the Q train: Value capture of public infrastructure projects. <i>Journal of Urban Economics</i> , 2022 , 129, 103422	4.1	0
43	Building retrofit hurdle rates and risk aversion in energy efficiency investments. <i>Applied Energy</i> , 2022 , 306, 118048	10.7	1
42	Measuring inequality in community resilience to natural disasters using large-scale mobility data. <i>Nature Communications</i> , 2021 , 12, 1870	17.4	9
41	Exposure density and neighborhood disparities in COVID-19 infection risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
40	Bias in smart city governance: How socio-spatial disparities in 311 complaint behavior impact the fairness of data-driven decisions. <i>Sustainable Cities and Society</i> , 2021 , 64, 102503	10.1	19
39	The impact of mandatory energy audits on building energy use. <i>Nature Energy</i> , 2020 , 5, 309-316	62.3	13
38	Energy Cost Burdens for Low-Income and Minority Households. <i>Journal of the American Planning Association</i> , 2020 , 86, 89-105	2.9	23
37	Topic modeling to discover the thematic structure and spatial-temporal patterns of building renovation and adaptive reuse in cities. <i>Computers, Environment and Urban Systems</i> , 2019 , 78, 101383	5.9	11
36	The impact of urban street tree species on air quality and respiratory illness: A spatial analysis of large-scale, high-resolution urban data. <i>Health and Place</i> , 2019 , 56, 80-87	4.6	19
35	Rethinking HVAC temperature setpoints in commercial buildings: The potential for zero-cost energy savings and comfort improvement in different climates. <i>Building and Environment</i> , 2019 , 155, 350-359	6.5	57
34	Large-scale parameterization of 3D building morphology in complex urban landscapes using aerial LiDAR and city administrative data. <i>Computers, Environment and Urban Systems</i> , 2019 , 73, 126-142	5.9	42
33	Grading buildings on energy performance using city benchmarking data. <i>Applied Energy</i> , 2019 , 233-234, 244-253	10.7	57
32	Applications of Machine Learning Methods to Predict Readmission and Length-of-Stay for Homeless Families: The Case of Win Shelters in New York City. <i>Journal of Technology in Human Services</i> , 2018 , 36, 89-104	1.8	6
31	A data-driven methodology for equitable value-capture financing of public transit operations and maintenance. <i>Transport Policy</i> , 2018 , 66, 107-115	5.7	2
30	Using a gradient boosting model to improve the performance of low-cost aerosol monitors in a dense, heterogeneous urban environment. <i>Atmospheric Environment</i> , 2018 , 184, 9-16	5.3	34
29	Pattern recognition in building energy performance over time using energy benchmarking data. <i>Applied Energy</i> , 2018 , 221, 576-586	10.7	36
28	Using machine learning and small area estimation to predict building-level municipal solid waste generation in cities. <i>Computers, Environment and Urban Systems</i> , 2018 , 70, 151-162	5.9	51

27	Digital footprints: Using WiFi probe and locational data to analyze human mobility trajectories in cities. <i>Computers, Environment and Urban Systems</i> , 2018 , 72, 4-12	5.9	33
26	Geo-Tagged Social Media Data as a Proxy for Urban Mobility. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 29-40	0.4	2
25	The Resilience to Emergencies and Disasters Index: Applying big data to benchmark and validate neighborhood resilience capacity. <i>Sustainable Cities and Society</i> , 2018 , 36, 272-285	10.1	73
24	Evaluation of tree-based ensemble learning algorithms for building energy performance estimation. <i>Journal of Building Performance Simulation</i> , 2018 , 11, 322-332	2.8	44
23	Quantifying place: Analyzing the drivers of pedestrian activity in dense urban environments. <i>Landscape and Urban Planning</i> , 2018 , 180, 166-178	7.7	24
22	Urban Informatics in the Science and Practice of Planning. <i>Journal of Planning Education and Research</i> , 2018 , 0739456X1879371	1.8	24
21	Urban phenology: Toward a real-time census of the city using Wi-Fi data. <i>Computers, Environment and Urban Systems</i> , 2017 , 64, 144-153	5.9	38
20	Low hanging fruit? Regulations and energy efficiency in subsidized multifamily housing. <i>Energy Policy</i> , 2017 , 106, 505-513	7.2	14
19	A data-driven predictive model of city-scale energy use in buildings. <i>Applied Energy</i> , 2017 , 197, 303-317	10.7	123
18	Urban informatics for social good 2017 ,		2
17	Spatial and Geographic Patterns of Building Energy Performance: A Cross-City Comparative Analysis of Large-Scale Data 2017 ,		3
16	Structure of 311 service requests as a signature of urban location. <i>PLoS ONE</i> , 2017 , 12, e0186314	3.7	24
15	Modeling the energy retrofit decision in commercial office buildings. <i>Energy and Buildings</i> , 2016 , 131, 1-20	7	66
14	The Quantified Community and Neighborhood Labs: A Framework for Computational Urban Science and Civic Technology Innovation. <i>Journal of Urban Technology</i> , 2016 , 23, 67-84	5.9	22
13	Applications of machine learning methods to identifying and predicting building retrofit opportunities. <i>Energy and Buildings</i> , 2016 , 128, 431-441	7	43
12	A Market-Specific Methodology for a Commercial Building Energy Performance Index. <i>Journal of Real Estate Finance and Economics</i> , 2015 , 51, 288-316	1.1	34
11	Do inclusionary zoning policies equitably disperse affordable housing? A comparative spatial analysis. <i>Journal of Housing and the Built Environment</i> , 2015 , 30, 569-590	2	11
10	Modeling the determinants of large-scale building water use: Implications for data-driven urban sustainability policy. <i>Sustainable Cities and Society</i> , 2015 , 18, 44-55	10.1	47

9	Big Data + Big Cities: Graph Signals of Urban Air Pollution [Exploratory SP]. <i>IEEE Signal Processing Magazine</i> , 2014 , 31, 130-136	9.4	26
8	Determinants of Green Building Adoption. <i>Environment and Planning B: Planning and Design</i> , 2014 , 41, 551-570		39
7	Mixed-Income Housing and Neighborhood Integration: Evidence from Inclusionary Zoning Programs. <i>Journal of Urban Affairs</i> , 2014 , 36, 716-741	1.7	25
6	Tall Buildings and Urban Expansion: Tracing the Evolution of Zoning in the United States. <i>Leadership and Management in Engineering</i> , 2013 , 13, 190-198		3
5	Energy disclosure, market behavior, and the building data ecosystem. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1295, 34-43	6.5	37
4	The Price of Victory: The Impact of the Olympic Games on Residential Real Estate Markets. <i>Urban Studies</i> , 2012 , 49, 961-978	3.2	20
3	Greening the Regulatory Landscape: The Spatial and Temporal Diffusion of Green Building Policies in U.S. Cities. <i>Journal of Sustainable Real Estate</i> , 2011 , 3, 68-90	0.5	38
2	The Quantified Community and Neighborhood Labs: A Framework for Computational Urban Planning and Civic Technology Innovation. <i>SSRN Electronic Journal</i> ,	1	1
1	From Transparency to Transformation: A Market-Specific Methodology for a Commercial Building Energy Performance Rating System. <i>SSRN Electronic Journal</i> ,	1	1