

Cláudio T Silva

List of Publications by Year in descending order

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times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual Exploration of Big Spatio-Temporal Urban Data: A Study of New York City Taxi Trips. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 2149-2158.	4.4	386
2	Urban Pulse: Capturing the Rhythm of Cities. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 791-800.	4.4	67
3	Structured Open Urban Data: Understanding the Landscape. Big Data, 2014, 2, 144-154.	3.4	49
4	Using Topological Analysis to Support Event-Guided Exploration in Urban Data. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 2634-2643.	4.4	49
5	The Life of a New York City Noise Sensor Network. Sensors, 2019, 19, 1415.	3.8	35
6	StatCast Dashboard: Exploration of Spatiotemporal Baseball Data. IEEE Computer Graphics and Applications, 2016, 36, 28-37.	1.2	33
7	Shadow Accrual Maps: Efficient Accumulation of City-Scale Shadows Over Time. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1559-1574.	4.4	25
8	<i>PipelineProfiler:</i> A Visual Analytics Tool for the Exploration of AutoML Pipelines. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 390-400.	4.4	23
9	Wavelet-Based Visual Analysis of Dynamic Networks. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2456-2469.	4.4	22
10	The Effect of Color Scales on Climate Scientistsâ€™ Objective and Subjective Performance in Spatial Data Analysis Tasks. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 1577-1591.	4.4	20
11	CrimAnalyzer: Understanding Crime Patterns in São Paulo. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2313-2328.	4.4	18
12	Wavelet-based visualization of time-varying data on graphs. , 2015, , .		14
13	Interactive Data Visualization in Jupyter Notebooks. Computing in Science and Engineering, 2021, 23, 99-106.	1.2	12
14	Urban Mosaic. , 2020, , .		11
15	CitySurfaces: City-scale semantic segmentation of sidewalk materials. Sustainable Cities and Society, 2022, 79, 103630.	10.4	11
16	Wavelet-Based Visual Analysis for Data Exploration. Computing in Science and Engineering, 2017, 19, 85-91.	1.2	9
17	Motion Browser: Visualizing and Understanding Complex Upper Limb Movement Under Obstetrical Brachial Plexus Injuries. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 981-990.	4.4	9
18	Quantifying the Presence of Graffiti in Urban Environments. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
19	HistoryTracker. , 2019, , .		7
20	GLoG: Laplacian of Gaussian for Spatial Pattern Detection in Spatio-Temporal Data. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3481-3492.	4.4	7
21	Visualization and Analysis of Parallel Dataflow Execution with Smart Traces. , 2014, , .		6
22	NE-Motion: Visual Analysis of Stroke Patients Using Motion Sensor Networks. Sensors, 2021, 21, 4482.	3.8	3
23	REIP: A Reconfigurable Environmental Intelligence Platform and Software Framework for Fast Sensor Network Prototyping. Sensors, 2022, 22, 3809.	3.8	3
24	Motion Analytics of Trapezius Muscle Activity in an 18-Year-Old Female with Extended Upper Brachial Plexus Birth Palsy. Journal of Brachial Plexus and Peripheral Nerve Injury, 2021, 16, e51-e55.	1.0	0