

# Claudio T Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10986079/publications.pdf>

Version: 2024-02-01

16  
papers

1,941  
citations

933447

10  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1778  
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	Robust moving least-squares fitting with sharp features. ACM Transactions on Graphics, 2005, 24, 544-552.	7.2	371
3	Provenance for Computational Tasks: A Survey. Computing in Science and Engineering, 2008, 10, 11-21.	1.2	335
4	A Survey of Surface Reconstruction from Point Clouds. Computer Graphics Forum, 2017, 36, 301-329.	3.0	296
5	A benchmark for surface reconstruction. ACM Transactions on Graphics, 2013, 32, 1-17.	7.2	133
6	Provenance for Visualizations: Reproducibility and Beyond. Computing in Science and Engineering, 2007, 9, 82-89.	1.2	108
7	Robust Smooth Feature Extraction from Point Clouds. , 2007, , .		84
8	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
9	Anonymizing NYC Taxi Data: Does It Matter?. , 2016, , .		49
10	Direct (Re)Meshing for Efficient Surface Processing. Computer Graphics Forum, 2006, 25, 527-536.	3.0	47
11	Visual analysis of bike-sharing systems. Computers and Graphics, 2016, 60, 119-129.	2.5	30
12	Bandwidth Selection and Reconstruction Quality in Point-Based Surfaces. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 572-582.	4.4	14
13	Wavelet-based visualization of time-varying data on graphs. , 2015, , .		14
14	Urban Mosaic. , 2020, , .		11
15	Medial Kernels. Computer Graphics Forum, 2012, 31, 795-804.	3.0	7
16	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