

Peter Wonka

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,573
citations

361413

20
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Procedural modeling of buildings. ACM Transactions on Graphics, 2006, 25, 614-623.	7.2	618
2	Instant architecture. ACM Transactions on Graphics, 2003, 22, 669-677.	7.2	324
3	Road Network Extraction and Intersection Detection From Aerial Images by Tracking Road Footprints. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 4144-4157.	6.3	259
4	Image-based procedural modeling of facades. ACM Transactions on Graphics, 2007, 26, 85.	7.2	253
5	Procedural modeling of buildings. , 2006, , .		155
6	Interactive procedural street modeling. ACM Transactions on Graphics, 2008, 27, 1-10.	7.2	118
7	Interactive visual editing of grammars for procedural architecture. ACM Transactions on Graphics, 2008, 27, 1-10.	7.2	109
8	Interactive Geometric Simulation of 4D Cities. Computer Graphics Forum, 2009, 28, 481-492.	3.0	80
9	Generating and exploring good building layouts. ACM Transactions on Graphics, 2013, 32, 1-10.	7.2	72
10	Visibility in Computer Graphics. Environment and Planning B: Planning and Design, 2003, 30, 729-755.	1.7	70
11	Visibility Preprocessing with Occluder Fusion for Urban Walkthroughs. Eurographics, 2000, , 71-82.	0.4	59
12	Inverse procedural modeling of facade layouts. ACM Transactions on Graphics, 2014, 33, 1-10.	7.2	57
13	BigSUR. ACM Transactions on Graphics, 2017, 36, 1-16.	7.2	57
14	Urban pattern. ACM Transactions on Graphics, 2013, 32, 1-12.	7.2	48
15	Procedural facade variations from a single layout. ACM Transactions on Graphics, 2013, 32, 1-13.	7.2	42
16	Interactive Coherence-Based Façade Modeling. Computer Graphics Forum, 2012, 31, 661-670.	3.0	36
17	Occluder Shadows for Fast Walkthroughs of Urban Environments. Computer Graphics Forum, 1999, 18, 51-60.	3.0	31
18	A new image registration scheme based on curvature scale space curve matching. Visual Computer, 2007, 23, 607-618.	3.5	27

#	ARTICLE	IF	CITATIONS
19	Computational network design from functional specifications. ACM Transactions on Graphics, 2016, 35, 1-12.	7.2	27
20	Template Assembly for Detailed Urban Reconstruction. Computer Graphics Forum, 2015, 34, 217-228.	3.0	24
21	Grammar-based Encoding of Facades. Computer Graphics Forum, 2010, 29, 1479-1487.	3.0	21
22	Structure completion for facade layouts. ACM Transactions on Graphics, 2014, 33, 1-11.	7.2	17
23	Interactive design of probability density functions for shape grammars. ACM Transactions on Graphics, 2015, 34, 1-13.	7.2	17
24	Shadow-Based Rooftop Segmentation in Visible Band Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2063-2077.	4.9	16
25	Punctuated simplification of man-made objects. Visual Computer, 2006, 22, 136-145.	3.5	10
26	What Makes London Work Like London?. Computer Graphics Forum, 2014, 33, 157-165.	3.0	10
27	Compressed Facade Displacement Maps. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 262-273.	4.4	9
28	Large Scale Asset Extraction for Urban Images. Lecture Notes in Computer Science, 2016, , 437-452.	1.3	4
29	Practical grammar-based procedural modeling of architecture. , 2015, , .		3