

Peter Wonka

List of Publications by Year in descending order

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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	BigSUR. ACM Transactions on Graphics, 2017, 36, 1-16.	7.2	57
2	Large Scale Asset Extraction for Urban Images. Lecture Notes in Computer Science, 2016, , 437-452.	1.3	4
3	Computational network design from functional specifications. ACM Transactions on Graphics, 2016, 35, 1-12.	7.2	27
4	Practical grammar-based procedural modeling of architecture. , 2015, , .		3
5	Template Assembly for Detailed Urban Reconstruction. Computer Graphics Forum, 2015, 34, 217-228.	3.0	24
6	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
7	Interactive design of probability density functions for shape grammars. ACM Transactions on Graphics, 2015, 34, 1-13.	7.2	17
8	Inverse procedural modeling of facade layouts. ACM Transactions on Graphics, 2014, 33, 1-10.	7.2	57
9	What Makes London Work Like London?. Computer Graphics Forum, 2014, 33, 157-165.	3.0	10
10	Structure completion for facade layouts. ACM Transactions on Graphics, 2014, 33, 1-11.	7.2	17
11	Procedural facade variations from a single layout. ACM Transactions on Graphics, 2013, 32, 1-13.	7.2	42
12	Generating and exploring good building layouts. ACM Transactions on Graphics, 2013, 32, 1-10.	7.2	72
13	Urban pattern. ACM Transactions on Graphics, 2013, 32, 1-12.	7.2	48
14	Interactive Coherence-Based Façade Modeling. Computer Graphics Forum, 2012, 31, 661-670.	3.0	36
15	Grammar-based Encoding of Facades. Computer Graphics Forum, 2010, 29, 1479-1487.	3.0	21
16	Interactive Geometric Simulation of 4D Cities. Computer Graphics Forum, 2009, 28, 481-492.	3.0	80
17	Compressed Facade Displacement Maps. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 262-273.	4.4	9
18	Interactive visual editing of grammars for procedural architecture. ACM Transactions on Graphics, 2008, 27, 1-10.	7.2	109

#	ARTICLE	IF	CITATIONS
19	Interactive procedural street modeling. ACM Transactions on Graphics, 2008, 27, 1-10.	7.2	118
20	Image-based procedural modeling of facades. ACM Transactions on Graphics, 2007, 26, 85.	7.2	253
21	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
22	A new image registration scheme based on curvature scale space curve matching. Visual Computer, 2007, 23, 607-618.	3.5	27
23	Procedural modeling of buildings. , 2006, , .		155
24	Punctuated simplification of man-made objects. Visual Computer, 2006, 22, 136-145.	3.5	10
25	Procedural modeling of buildings. ACM Transactions on Graphics, 2006, 25, 614-623.	7.2	618
26	Instant architecture. ACM Transactions on Graphics, 2003, 22, 669-677.	7.2	324
27	Visibility in Computer Graphics. Environment and Planning B: Planning and Design, 2003, 30, 729-755.	1.7	70
28	Visibility Preprocessing with Occluder Fusion for Urban Walkthroughs. Eurographics, 2000, , 71-82.	0.4	59
29	Occluder Shadows for Fast Walkthroughs of Urban Environments. Computer Graphics Forum, 1999, 18, 51-60.	3.0	31