

David Bommes

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,594
citations

516710
16
h-index

839539
18
g-index

19
all docs

19
docs citations

19
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed-integer quadrangulation. ACM Transactions on Graphics, 2009, 28, 1-10.	7.2	359
2	Quantized global parametrization. ACM Transactions on Graphics, 2015, 34, 1-12.	7.2	245
3	Quadâ€Mesh Generation and Processing: A Survey. Computer Graphics Forum, 2013, 32, 51-76.	3.0	229
4	Integer-grid maps for reliable quad meshing. ACM Transactions on Graphics, 2013, 32, 1-12.	7.2	161
5	Directional Field Synthesis, Design, and Processing. Computer Graphics Forum, 2016, 35, 545-572.	3.0	92
6	Dual loops meshing. ACM Transactions on Graphics, 2012, 31, 1-11.	7.2	89
7	Global Structure Optimization of Quadrilateral Meshes. Computer Graphics Forum, 2011, 30, 375-384.	3.0	83
8	Singularity-constrained octahedral fields for hexahedral meshing. ACM Transactions on Graphics, 2018, 37, 1-17.	7.2	54
9	BendFields. ACM Transactions on Graphics, 2015, 34, 1-16.	7.2	40
10	Mixed-integer quadrangulation. , 2009, , .		39
11	HexEx. ACM Transactions on Graphics, 2016, 35, 1-11.	7.2	39
12	Level-of-detail quad meshing. ACM Transactions on Graphics, 2014, 33, 1-11.	7.2	36
13	Boundary Element Octahedral Fields in Volumes. ACM Transactions on Graphics, 2017, 36, 1-16.	7.2	29
14	Practical Mixed-Integer Optimization for Geometry Processing. Lecture Notes in Computer Science, 2012, , 193-206.	1.3	24
15	Parametrization quantization with free boundaries for trimmed quad meshing. ACM Transactions on Graphics, 2019, 38, 1-14.	7.2	22
16	Boundary Element Octahedral Fields in Volumes. ACM Transactions on Graphics, 2017, 36, 1.	7.2	17
17	Quadrangular Parameterization for Reverse Engineering. Lecture Notes in Computer Science, 2010, , 55-69.	1.3	16
18	Integerâ€Grid Sketch Simplification and Vectorization. Computer Graphics Forum, 2020, 39, 149-161.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Intrinsic mixed-integer polycubes for hexahedral meshing. Computer Aided Geometric Design, 2022, 94, 102078.	1.2	10