Philipp Kindermann

List of Publications by Year
in descending order

36 papers	183 citations	1478458 6 h-index	1199563 12 g-index
39 all docs	39 docs citations	39 times ranked	107 citing authors

#	Article	IF	Citations
1	Minimum rectilinear polygons for given angle sequences. Computational Geometry: Theory and Applications, 2022, 100, 101820.	0.5	1
2	Perfect Matchings withÂCrossings. Lecture Notes in Computer Science, 2022, , 46-59.	1.3	2
3	ClusterSets: Optimizing Planar Clusters in Categorical Point Data. Computer Graphics Forum, 2021, 40, 471-481.	3.0	3
4	One-Bend Drawings ofÂOuterplanar Graphs Inside Simple Polygons. Lecture Notes in Computer Science, 2021, , 184-192.	1.3	0
5	On Mixed Linear Layouts of Series-Parallel Graphs. Lecture Notes in Computer Science, 2020, , 151-159.	1.3	0
6	Stick Graphs with Length Constraints. Lecture Notes in Computer Science, 2019, , 3-17.	1.3	1
7	Drawing Planar Graphs with Few Segments on a Polynomial Grid. Lecture Notes in Computer Science, 2019, , 416-429.	1.3	5
8	Computing Height-Optimal TanglesÂFaster. Lecture Notes in Computer Science, 2019, , 203-215.	1.3	2
9	Crossing Numbers of Beyond-Planar Graphs. Lecture Notes in Computer Science, 2019, , 78-86.	1.3	2
10	1-Fan-bundle-planar drawings of graphs. Theoretical Computer Science, 2018, 723, 23-50.	0.9	10
11	On the Planar Split Thickness of Graphs. Algorithmica, 2018, 80, 977-994.	1.3	16
12	Drawing Subcubic 1-Planar Graphs with Few Bends, Few Slopes, and Large Angles. Lecture Notes in Computer Science, 2018, , 152-166.	1.3	2
13	Graph Drawing Contest Report. Lecture Notes in Computer Science, 2018, , 575-582.	1.3	3
14	1-Fan-Bundle-Planar Drawings of Graphs. Lecture Notes in Computer Science, 2018, , 517-530.	1.3	1
15	Lombardi Drawings of Knots and Links. Lecture Notes in Computer Science, 2018, , 113-126.	1.3	2
16	Experimental Analysis of the Accessibility of Drawings with Few Segments. Lecture Notes in Computer Science, 2018, , 52-64.	1.3	1
17	Drawing Planar Graphs with Few Geometric Primitives. Journal of Graph Algorithms and Applications, 2018, 22, 357-387.	0.4	4
18	Greedy Rectilinear Drawings. Lecture Notes in Computer Science, 2018, , 495-508.	1.3	1

#	Article	IF	Citations
19	Experimental Analysis of the Accessibility of Drawings with Few Segments. Journal of Graph Algorithms and Applications, 2018, 22, 501-518.	0.4	7
20	Improved Approximation Algorithms for Box Contact Representations. Algorithmica, 2017, 77, 902-920.	1.3	5
21	Drawing Planar Graphs with Few Geometric Primitives. Lecture Notes in Computer Science, 2017, , 316-329.	1.3	5
22	Multi-sided Boundary Labeling. Algorithmica, 2016, 76, 225-258.	1.3	15
23	Windrose Planarity: Embedding Graphs with Direction-Constrained Edges. , 2016, , .		1
24	Recognizing and drawing IC-planar graphs. Theoretical Computer Science, 2016, 636, 1-16.	0.9	40
25	Simultaneous Orthogonal Planarity. Lecture Notes in Computer Science, 2016, , 532-545.	1.3	7
26	Simultaneous Drawing of Planar Graphs with Right-Angle Crossings and Few Bends. Journal of Graph Algorithms and Applications, 2016, 20, 133-158.	0.4	12
27	Minimum Rectilinear Polygons for Given Angle Sequences. Lecture Notes in Computer Science, 2016, , 105-119.	1.3	0
28	Graph Drawing Contest Report. Lecture Notes in Computer Science, 2016, , 589-595.	1.3	0
29	Recognizing and Drawing IC-Planar Graphs. Lecture Notes in Computer Science, 2015, , 295-308.	1.3	1
30	Graph Drawing Contest Report. Lecture Notes in Computer Science, 2015, , 531-537.	1.3	1
31	Colored Non-crossing Euclidean Steiner Forest. Lecture Notes in Computer Science, 2015, , 429-441.	1.3	2
32	Smooth Orthogonal Drawings of Planar Graphs. Lecture Notes in Computer Science, 2014, , 144-155.	1.3	6
33	On Monotone Drawings of Trees. Lecture Notes in Computer Science, 2014, , 488-500.	1.3	11
34	Improved Approximation Algorithms for Box Contact Representations. Lecture Notes in Computer Science, 2014, , 87-99.	1.3	1
35	Luatodonotes: Boundary Labeling for Annotations in Texts. Lecture Notes in Computer Science, 2014, , 76-88.	1.3	0
36	Two-Sided Boundary Labeling with Adjacent Sides. Lecture Notes in Computer Science, 2013, , 463-474.	1.3	6