

# Philipp Kindermann

## List of Publications by Year in descending order

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36  
papers

183  
citations

1651377

6  
h-index

1336881

12  
g-index

39  
all docs

39  
docs citations

39  
times ranked

123  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Minimum rectilinear polygons for given angle sequences. Computational Geometry: Theory and Applications, 2022, 100, 101820.        | 0.3 | 1         |
| 2  | Perfect Matchings with Crossings. Lecture Notes in Computer Science, 2022, , 46-59.  | 1.0 | 2         |
| 3  | ClusterSets: Optimizing Planar Clusters in Categorical Point Data. Computer Graphics Forum, 2021, 40, 471-481.                     | 1.8 | 3         |
| 4  | One-Bend Drawings of Outerplanar Graphs Inside Simple Polygons. Lecture Notes in Computer Science, 2021, , 184-192.                | 1.0 | 0         |
| 5  | On Mixed Linear Layouts of Series-Parallel Graphs. Lecture Notes in Computer Science, 2020, , 151-159.                             | 1.0 | 0         |
| 6  | Stick Graphs with Length Constraints. Lecture Notes in Computer Science, 2019, , 3-17.   | 1.0 | 1         |
| 7  | Drawing Planar Graphs with Few Segments on a Polynomial Grid. Lecture Notes in Computer Science, 2019, , 416-429.                  | 1.0 | 5         |
| 8  | Computing Height-Optimal Tangles Faster. Lecture Notes in Computer Science, 2019, , 203-215.                                       | 1.0 | 2         |
| 9  | Crossing Numbers of Beyond-Planar Graphs. Lecture Notes in Computer Science, 2019, , 78-86.  | 1.0 | 2         |
| 10 | 1-Fan-bundle-planar drawings of graphs. Theoretical Computer Science, 2018, 723, 23-50.  | 0.5 | 10        |
| 11 | On the Planar Split Thickness of Graphs. Algorithmica, 2018, 80, 977-994.  | 1.0 | 16        |
| 12 | Drawing Subcubic 1-Planar Graphs with Few Bends, Few Slopes, and Large Angles. Lecture Notes in Computer Science, 2018, , 152-166. | 1.0 | 2         |
| 13 | Graph Drawing Contest Report. Lecture Notes in Computer Science, 2018, , 575-582.  | 1.0 | 3         |
| 14 | 1-Fan-Bundle-Planar Drawings of Graphs. Lecture Notes in Computer Science, 2018, , 517-530.  | 1.0 | 1         |
| 15 | Lombardi Drawings of Knots and Links. Lecture Notes in Computer Science, 2018, , 113-126.  | 1.0 | 2         |
| 16 | Experimental Analysis of the Accessibility of Drawings with Few Segments. Lecture Notes in Computer Science, 2018, , 52-64.        | 1.0 | 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.   | 1.0 | 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.  | 1.0 | 5         |
| 21 | Drawing Planar Graphs with Few Geometric Primitives. Lecture Notes in Computer Science, 2017, , 316-329.   | 1.0 | 5         |
| 22 | Multi-sided Boundary Labeling. Algorithmica, 2016, 76, 225-258.  | 1.0 | 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.   | 0.5 | 40        |
| 25 | Simultaneous Orthogonal Planarity. Lecture Notes in Computer Science, 2016, , 532-545.   | 1.0 | 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.                                      | 1.0 | 0         |
| 28 | Graph Drawing Contest Report. Lecture Notes in Computer Science, 2016, , 589-595.  | 1.0 | 0         |
| 29 | Recognizing and Drawing IC-Planar Graphs. Lecture Notes in Computer Science, 2015, , 295-308.  | 1.0 | 1         |
| 30 | Graph Drawing Contest Report. Lecture Notes in Computer Science, 2015, , 531-537.  | 1.0 | 1         |
| 31 | Colored Non-crossing Euclidean Steiner Forest. Lecture Notes in Computer Science, 2015, , 429-441.   | 1.0 | 2         |
| 32 | Smooth Orthogonal Drawings of Planar Graphs. Lecture Notes in Computer Science, 2014, , 144-155.   | 1.0 | 6         |
| 33 | On Monotone Drawings of Trees. Lecture Notes in Computer Science, 2014, , 488-500.   | 1.0 | 11        |
| 34 | Improved Approximation Algorithms for Box Contact Representations. Lecture Notes in Computer Science, 2014, , 87-99.                             | 1.0 | 1         |
| 35 | Luatodonotes: Boundary Labeling for Annotations in Texts. Lecture Notes in Computer Science, 2014, , 76-88.                                      | 1.0 | 0         |
| 36 | Two-Sided Boundary Labeling with Adjacent Sides. Lecture Notes in Computer Science, 2013, , 463-474.   | 1.0 | 6         |