

Giuseppe Liotta

List of Publications by Year in descending order

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215
papers

2,713
citations

218381

26
h-index

288905

40
g-index

225
all docs

225
docs citations

225
times ranked

577
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Orthogonal planarity testing of bounded treewidth graphs. Journal of Computer and System Sciences, 2022, 125, 129-148. | 0.9 | 10 |
| 2 | Placing Arrows in Directed Graph Layouts: Algorithms and Experiments. Computer Graphics Forum, 2022, 41, 364-376. | 1.8 | 2 |
| 3 | Influence Maximization With Visual Analytics. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 3428-3440. | 2.9 | 1 |
| 4 | Stable visualization of connected components in dynamic graphs. Information Visualization, 2021, 20, 3-19. | 1.2 | 2 |
| 5 | 2-Colored Point-Set Embeddings of Partial 2-Trees. Lecture Notes in Computer Science, 2021, , 247-259. | 1.0 | 1 |
| 6 | Planar Drawings with Few Slopes of Halin Graphs and Nested Pseudotrees. Lecture Notes in Computer Science, 2021, , 271-285. | 1.0 | 3 |
| 7 | Ortho-polygon visibility representations of 3-connected 1-plane graphs. Theoretical Computer Science, 2021, 863, 40-52. | 0.5 | 3 |
| 8 | Simultaneous FPQ-ordering and hybrid planarity testing. Theoretical Computer Science, 2021, 874, 59-79. | 0.5 | 4 |
| 9 | Visual Analytics for Financial Crime Detection at the University of Perugia. Lecture Notes in Computer Science, 2021, , 195-200. | 1.0 | 0 |
| 10 | (k,p)-planarity: A relaxation of hybrid planarity. Theoretical Computer Science, 2021, 896, 19-30. | 0.5 | 2 |
| 11 | 2-colored point-set embeddings of partial 2-trees. Theoretical Computer Science, 2021, 896, 31-45. | 0.5 | 0 |
| 12 | Quasi-upward Planar Drawings with Minimum Curve Complexity. Lecture Notes in Computer Science, 2021, , 195-209. | 1.0 | 4 |
| 13 | On Edge-Length Ratios of Partial 2-Trees. International Journal of Computational Geometry and Applications, 2021, 31, 141-162. | 0.3 | 0 |
| 14 | A Survey on Graph Drawing Beyond Planarity. ACM Computing Surveys, 2020, 52, 1-37. | 16.1 | 60 |
| 15 | Simple k-planar graphs are simple $(k+1)$ -quasiplanar. Journal of Combinatorial Theory Series B, 2020, 142, 1-35. | 0.6 | 11 |
| 16 | Polyline drawings with topological constraints. Theoretical Computer Science, 2020, 809, 250-264. | 0.5 | 2 |
| 17 | Colored anchored visibility representations in 2D and 3D space. Computational Geometry: Theory and Applications, 2020, 89, 101592. | 0.3 | 0 |
| 18 | Graph Planarity by Replacing Cliques with Paths. Algorithms, 2020, 13, 194. | 1.2 | 6 |

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| 19 | Combining Network Visualization and Data Mining for Tax Risk Assessment. IEEE Access, 2020, 8, 16073-16086. | 2.6 | 26 |
| 20 | Rectilinear Planarity Testing of Plane Series-Parallel Graphs in Linear Time. Lecture Notes in Computer Science, 2020, , 436-449. | 1.0 | 5 |
| 21 | On the curve complexity of 3-colored point-set embeddings. Theoretical Computer Science, 2020, 846, 114-140. | 0.5 | 3 |
| 22 | On the Edge-Length Ratio of 2-Trees. Lecture Notes in Computer Science, 2020, , 85-98. | 1.0 | 2 |
| 23 | Packing Trees into 1-Planar Graphs. Lecture Notes in Computer Science, 2020, , 81-93. | 1.0 | 0 |
| 24 | Storyline Visualizations with Ubiquitous Actors. Lecture Notes in Computer Science, 2020, , 324-332. | 1.0 | 2 |
| 25 | VAIM: Visual Analytics for Influence Maximization. Lecture Notes in Computer Science, 2020, , 115-123. | 1.0 | 1 |
| 26 | Edge Partitions and Visibility Representations of 1-planar Graphs. , 2020, , 89-107. | | 0 |
| 27 | Simultaneous FPQ-Ordering and Hybrid Planarity Testing. Lecture Notes in Computer Science, 2020, , 617-626. | 1.0 | 2 |
| 28 | Optimal Orthogonal Drawings of Planar 3-Graphs in Linear Time. , 2020, , 806-825. | | 14 |
| 29 | 1-bend upward planar slope number of SP-digraphs. Computational Geometry: Theory and Applications, 2020, 90, 101628. | 0.3 | 4 |
| 30 | Visual querying and analysis of temporal fiscal networks. Information Sciences, 2019, 505, 406-421. | 4.0 | 8 |
| 31 | Universal Slope Sets for 1-Bend Planar Drawings. Algorithmica, 2019, 81, 2527-2556. | 1.0 | 6 |
| 32 | NodeTriX Planarity Testing with Small Clusters. Algorithmica, 2019, 81, 3464-3493. | 1.0 | 11 |
| 33 | A Distributed Multilevel Force-Directed Algorithm. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 754-765. | 4.0 | 16 |
| 34 | On the edge-length ratio of outerplanar graphs. Theoretical Computer Science, 2019, 770, 88-94. | 0.5 | 6 |
| 35 | Edge partitions of optimal 2-plane and 3-plane graphs. Discrete Mathematics, 2019, 342, 1038-1047. | 0.4 | 6 |
| 36 | HV-planarity: Algorithms and complexity. Journal of Computer and System Sciences, 2019, 99, 72-90. | 0.9 | 11 |

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| 37 | ($k, \hat{\Delta}$)-Planarity: A Relaxation of Hybrid Planarity. Lecture Notes in Computer Science, 2019, , 148-159. | 1.0 | 5 |
| 38 | Sketched Representations and Orthogonal Planarity of Bounded Treewidth Graphs. Lecture Notes in Computer Science, 2019, , 379-392. | 1.0 | 5 |
| 39 | The QuaSEFE Problem. Lecture Notes in Computer Science, 2019, , 268-275. | 1.0 | 1 |
| 40 | Drawing subcubic planar graphs with four slopes and optimal angular resolution. Theoretical Computer Science, 2018, 714, 51-73. | 0.5 | 11 |
| 41 | New results on edge partitions of 1-plane graphs. Theoretical Computer Science, 2018, 713, 78-84. | 0.5 | 8 |
| 42 | Profiling distributed graph processing systems through visual analytics. Future Generation Computer Systems, 2018, 87, 43-57. | 4.9 | 4 |
| 43 | A visual analytics system to support tax evasion discovery. Decision Support Systems, 2018, 110, 71-83. | 3.5 | 26 |
| 44 | The Partial Visibility Representation Extension Problem. Algorithmica, 2018, 80, 2286-2323. | 1.0 | 9 |
| 45 | $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml44" display="inline" overflow="scroll" altimg="si2.gif"} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \text{-page and } \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml45" display="inline" overflow="scroll" altimg="si1.gif"} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \text{-page drawings with bounded number of crossings per edge. European Journal of Combinatorics, 2018, 66, 24-37.}$ | 0.5 | 10 |
| 46 | Ortho-polygon Visibility Representations of Embedded Graphs. Algorithmica, 2018, 80, 2345-2383. | 1.0 | 20 |
| 47 | On the Planar Split Thickness of Graphs. Algorithmica, 2018, 80, 977-994. | 1.0 | 16 |
| 48 | Visibility representations of boxes in 2.5 dimensions. Computational Geometry: Theory and Applications, 2018, 72, 19-33. | 0.3 | 4 |
| 49 | Embedding-Preserving Rectangle Visibility Representations of Nonplanar Graphs. Discrete and Computational Geometry, 2018, 60, 345-380. | 0.4 | 8 |
| 50 | Bend-Minimum Orthogonal Drawings in Quadratic Time. Lecture Notes in Computer Science, 2018, , 481-494. | 1.0 | 9 |
| 51 | Colored Point-Set Embeddings of Acyclic Graphs. Lecture Notes in Computer Science, 2018, , 413-425. | 1.0 | 4 |
| 52 | NodeTriX Planarity Testing with Small Clusters. Lecture Notes in Computer Science, 2018, , 479-491. | 1.0 | 6 |
| 53 | Ortho-Polygon Visibility Representations of 3-Connected 1-Plane Graphs. Lecture Notes in Computer Science, 2018, , 524-537. | 1.0 | 5 |
| 54 | Turning Cliques into Paths to Achieve Planarity. Lecture Notes in Computer Science, 2018, , 67-74. | 1.0 | 3 |

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| 55 | Edge Partitions of Optimal 2-plane and 3-plane Graphs. Lecture Notes in Computer Science, 2018, , 27-39. | 1.0 | 2 |
| 56 | Beyond Outerplanarity. Lecture Notes in Computer Science, 2018, , 546-559. | 1.0 | 7 |
| 57 | On partitioning the edges of 1-plane graphs. Theoretical Computer Science, 2017, 662, 59-65. | 0.5 | 10 |
| 58 | Large graph visualizations using a distributed computing platform. Information Sciences, 2017, 381, 124-141. | 4.0 | 18 |
| 59 | An annotated bibliography on 1-planarity. Computer Science Review, 2017, 25, 49-67. | 10.2 | 89 |
| 60 | On RAC drawings of 1-planar graphs. Theoretical Computer Science, 2017, 689, 48-57. | 0.5 | 25 |
| 61 | Area-Thickness Trade-Offs for Straight-Line Drawings of Planar Graphs. Computer Journal, 2017, 60, 135-142. | 1.5 | 1 |
| 62 | On the Relationship Between k -Planar and k -Quasi-Planar Graphs. Lecture Notes in Computer Science, 2017, , 59-74. | 1.0 | 7 |
| 63 | Partial edge drawing: Homogeneity is more important than crossings and ink. , 2016, , . | | 8 |
| 64 | Simultaneous visibility representations of plane st-graphs using L-shapes. Theoretical Computer Science, 2016, 645, 100-111. | 0.5 | 11 |
| 65 | Recognizing and drawing IC-planar graphs. Theoretical Computer Science, 2016, 636, 1-16. | 0.5 | 40 |
| 66 | L-visibility drawings of IC-planar graphs. Information Processing Letters, 2016, 116, 217-222. | 0.4 | 18 |
| 67 | 1-Bend Upward Planar Drawings of SP-Digraphs. Lecture Notes in Computer Science, 2016, , 123-130. | 1.0 | 2 |
| 68 | The Partial Visibility Representation Extension Problem. Lecture Notes in Computer Science, 2016, , 266-279. | 1.0 | 3 |
| 69 | 1-Bend RAC Drawings of 1-Planar Graphs. Lecture Notes in Computer Science, 2016, , 335-343. | 1.0 | 1 |
| 70 | Ortho-Polygon Visibility Representations of Embedded Graphs. Lecture Notes in Computer Science, 2016, , 280-294. | 1.0 | 3 |
| 71 | Visibility Representations of Boxes in 2.5 Dimensions. Lecture Notes in Computer Science, 2016, , 251-265. | 1.0 | 3 |
| 72 | 1-Page and 2-Page Drawings with Bounded Number of Crossings per Edge. Lecture Notes in Computer Science, 2016, , 38-51. | 1.0 | 2 |

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| 73 | Low ply graph drawing. , 2015, , . | | 6 |
| 74 | Planar and Quasi-Planar Simultaneous Geometric Embedding. Computer Journal, 2015, 58, 3126-3140. | 1.5 | 14 |
| 75 | The Approximate Rectangle of Influence Drawability Problem. Algorithmica, 2015, 72, 620-655. | 1.0 | 0 |
| 76 | A Linear-Time Algorithm for Testing Outer-1-Planarity. Algorithmica, 2015, 72, 1033-1054. | 1.0 | 31 |
| 77 | Straight-Line Drawability of a Planar Graph Plus an Edge. Lecture Notes in Computer Science, 2015, , 301-313. | 1.0 | 7 |
| 78 | Drawing Outer 1-planar Graphs with Few Slopes. Journal of Graph Algorithms and Applications, 2015, 19, 707-741. | 0.4 | 16 |
| 79 | Alternating Paths and Cycles of Minimum Length. Lecture Notes in Computer Science, 2015, , 383-394. | 1.0 | 0 |
| 80 | Recognizing and Drawing IC-Planar Graphs. Lecture Notes in Computer Science, 2015, , 295-308. | 1.0 | 1 |
| 81 | Planar and Quasi Planar Simultaneous Geometric Embedding. Lecture Notes in Computer Science, 2014, , 52-63. | 1.0 | 1 |
| 82 | 2-Layer Right Angle Crossing Drawings. Algorithmica, 2014, 68, 954-997. | 1.0 | 27 |
| 83 | Upward-rightward planar drawings. , 2014, , . | | 4 |
| 84 | 3D proportional contact representations of graphs. , 2014, , . | | 2 |
| 85 | Network visualization for financial crime detection. Journal of Visual Languages and Computing, 2014, 25, 433-451. | 1.8 | 32 |
| 86 | Special Issue on the 28th European Workshop on Computational Geometry, Guest Editors¼ Foreword. Computational Geometry: Theory and Applications, 2014, 47, 459. | 0.3 | 0 |
| 87 | Techniques for Edge Stratification of Complex Graph Drawings. Journal of Visual Languages and Computing, 2014, 25, 533-543. | 1.8 | 8 |
| 88 | Drawing Outer 1-planar Graphs with Few Slopes. Lecture Notes in Computer Science, 2014, , 174-185. | 1.0 | 2 |
| 89 | The Planar Slope Number of Subcubic Graphs. Lecture Notes in Computer Science, 2014, , 132-143. | 1.0 | 9 |
| 90 | A Model of Web-Based Follow-Up to Reduce Assistive Technology Abandonment. Lecture Notes in Computer Science, 2014, , 674-682. | 1.0 | 0 |

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| 91 | On the Complexity of HV-rectilinear Planarity Testing. Lecture Notes in Computer Science, 2014, , 343-354. | 1.0 | 5 |
| 92 | A linear time algorithm for testing maximal 1-planarity of graphs with a rotation system. Theoretical Computer Science, 2013, 513, 65-76. | 0.5 | 34 |
| 93 | Approximate proximity drawings. Computational Geometry: Theory and Applications, 2013, 46, 604-614. | 0.3 | 1 |
| 94 | Right angle crossing graphs and 1-planarity. Discrete Applied Mathematics, 2013, 161, 961-969. | 0.5 | 52 |
| 95 | Area requirement of graph drawings with few crossings per edge. Computational Geometry: Theory and Applications, 2013, 46, 909-916. | 0.3 | 21 |
| 96 | Lower and Upper Bounds for Long Induced Paths in 3-Connected Planar Graphs. Lecture Notes in Computer Science, 2013, , 213-224. | 1.0 | 2 |
| 97 | On the robustness of the Drosophila neural network. , 2013, , . | | 1 |
| 98 | PROXIMITY DRAWINGS OF HIGH-DEGREE TREES. International Journal of Computational Geometry and Applications, 2013, 23, 213-230. | 0.3 | 1 |
| 99 | The Crossing-Angle Resolution in Graph Drawing. , 2013, , 167-184. | | 21 |
| 100 | Planar and Plane Slope Number of Partial 2-Trees. Lecture Notes in Computer Science, 2013, , 412-423. | 1.0 | 17 |
| 101 | A Linear-Time Algorithm for Testing Outer-1-Planarity. Lecture Notes in Computer Science, 2013, , 71-82. | 1.0 | 7 |
| 102 | The Approximate Rectangle of Influence Drawability Problem. Lecture Notes in Computer Science, 2013, , 114-125. | 1.0 | 1 |
| 103 | Point-Set Embeddability of 2-Colored Trees. Lecture Notes in Computer Science, 2013, , 291-302. | 1.0 | 6 |
| 104 | On Representing Graphs by Touching Cuboids. Lecture Notes in Computer Science, 2013, , 187-198. | 1.0 | 10 |
| 105 | Exploring Complex Drawings via Edge Stratification. Lecture Notes in Computer Science, 2013, , 304-315. | 1.0 | 2 |
| 106 | Drawings of Graphs. Discrete Mathematics and Its Applications, 2013, , 1239-1290. | 0.1 | 1 |
| 107 | Vertex angle and crossing angle resolution of leveled tree drawings. Information Processing Letters, 2012, 112, 630-635. | 0.4 | 8 |
| 108 | Hamiltonian orthogeodesic alternating paths. Journal of Discrete Algorithms, 2012, 16, 34-52. | 0.7 | 8 |

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| 109 | Bounds on the crossing resolution of complete geometric graphs. <i>Discrete Applied Mathematics</i> , 2012, 160, 132-139. | 0.5 | 8 |
| 110 | Universal point sets for 2-coloured trees. <i>Information Processing Letters</i> , 2012, 112, 346-350. | 0.4 | 2 |
| 111 | Drawing a tree as a minimum spanning tree approximation. <i>Journal of Computer and System Sciences</i> , 2012, 78, 491-503. | 0.9 | 5 |
| 112 | The Shape of Orthogonal Cycles in Three Dimensions. <i>Discrete and Computational Geometry</i> , 2012, 47, 461-491. | 0.4 | 7 |
| 113 | Right Angle Crossing Graphs and 1-Planarity. <i>Lecture Notes in Computer Science</i> , 2012, , 148-153. | 1.0 | 7 |
| 114 | Approximate Proximity Drawings. <i>Lecture Notes in Computer Science</i> , 2012, , 166-178. | 1.0 | 4 |
| 115 | Heuristics for the Maximum 2-layer RAC Subgraph Problem. <i>Lecture Notes in Computer Science</i> , 2012, , 211-216. | 1.0 | 1 |
| 116 | Fáry's Theorem for 1-Planar Graphs. <i>Lecture Notes in Computer Science</i> , 2012, , 335-346. | 1.0 | 42 |
| 117 | Large Angle Crossing Drawings of Planar Graphs in Subquadratic Area. <i>Lecture Notes in Computer Science</i> , 2012, , 200-209. | 1.0 | 7 |
| 118 | On Point-Sets That Support Planar Graphs. <i>Lecture Notes in Computer Science</i> , 2012, , 64-74. | 1.0 | 2 |
| 119 | An advanced network visualization system for financial crime detection. , 2011, , . | | 31 |
| 120 | Upward Topological Book Embeddings of DAGs. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 479-489. | 0.4 | 1 |
| 121 | Drawing graphs with right angle crossings. <i>Theoretical Computer Science</i> , 2011, 412, 5156-5166. | 0.5 | 98 |
| 122 | Visual Analysis of Large Graphs Using (X,Y)-Clustering and Hybrid Visualizations. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2011, 17, 1587-1598. | 2.9 | 50 |
| 123 | Colored Simultaneous Geometric Embeddings and Universal Pointsets. <i>Algorithmica</i> , 2011, 60, 569-592. | 1.0 | 10 |
| 124 | Area, Curve Complexity, and Crossing Resolution of Non-Planar Graph Drawings. <i>Theory of Computing Systems</i> , 2011, 49, 565-575. | 0.7 | 27 |
| 125 | Topology-Driven Force-Directed Algorithms. <i>Lecture Notes in Computer Science</i> , 2011, , 165-176. | 1.0 | 18 |
| 126 | 2-Layer Right Angle Crossing Drawings. <i>Lecture Notes in Computer Science</i> , 2011, , 156-169. | 1.0 | 4 |

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| 127 | Hamiltonian Orthogeodesic Alternating Paths. Lecture Notes in Computer Science, 2011, , 170-181. | 1.0 | 2 |
| 128 | Geometric Simultaneous Embeddings of a Graph and a Matching. Journal of Graph Algorithms and Applications, 2011, 15, 79-96. | 0.4 | 12 |
| 129 | A Graph Drawing Application to Web Site Traffic Analysis. Journal of Graph Algorithms and Applications, 2011, 15, 229-251. | 0.4 | 9 |
| 130 | Universal Pointsets for 2-Coloured Trees. Lecture Notes in Computer Science, 2011, , 365-370. | 1.0 | 0 |
| 131 | On Graphs Supported by Line Sets. Lecture Notes in Computer Science, 2011, , 177-182. | 1.0 | 3 |
| 132 | Matched drawability of graph pairs and of graph triples. Computational Geometry: Theory and Applications, 2010, 43, 611-634. | 0.3 | 1 |
| 133 | Drawing Colored Graphs with Constrained Vertex Positions and Few Bends per Edge. Algorithmica, 2010, 57, 796-818. | 1.0 | 19 |
| 134 | Universal Sets of n Points for One-bend Drawings of Planar Graphs with n Vertices. Discrete and Computational Geometry, 2010, 43, 272-288. | 0.4 | 25 |
| 135 | A characterization of complete bipartite RAC graphs. Information Processing Letters, 2010, 110, 687-691. | 0.4 | 30 |
| 136 | Upward straight-line embeddings of directed graphs into point sets. Computational Geometry: Theory and Applications, 2010, 43, 219-232. | 0.3 | 17 |
| 137 | Visual analysis of large graphs using (X,Y)-clustering and hybrid visualizations. , 2010, , . | | 6 |
| 138 | Graph visualization techniques for conceptual Web site traffic analysis. , 2010, , . | | 4 |
| 139 | CONSTRAINED POINT-SET EMBEDDABILITY OF PLANAR GRAPHS. International Journal of Computational Geometry and Applications, 2010, 20, 577-600. | 0.3 | 6 |
| 140 | Visual analysis of financial crimes. , 2010, , . | | 7 |
| 141 | Upward Spirality and Upward Planarity Testing. SIAM Journal on Discrete Mathematics, 2010, 23, 1842-1899. | 0.4 | 35 |
| 142 | The Hamiltonian Augmentation Problem and Its Applications to Graph Drawing. Lecture Notes in Computer Science, 2010, , 35-46. | 1.0 | 6 |
| 143 | Visual Analysis of One-To-Many Matched Graphs. Journal of Graph Algorithms and Applications, 2010, 14, 97-119. | 0.4 | 4 |
| 144 | Geometric Simultaneous Embeddings of a Graph and a Matching. Lecture Notes in Computer Science, 2010, , 183-194. | 1.0 | 2 |

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| 145 | Beyond a Visuocentric Way of a Visual Web Search Clustering Engine: The Sonification of WhatsOnWeb. Lecture Notes in Computer Science, 2010, , 351-357. | 1.0 | 4 |
| 146 | Drawing a Tree as a Minimum Spanning Tree Approximation. Lecture Notes in Computer Science, 2010, , 61-72. | 1.0 | 2 |
| 147 | A visual sonificated web search clustering engine. Cognitive Processing, 2009, 10, 286-289. | 0.7 | 3 |
| 148 | Point-set embeddings of trees with given partial drawings. Computational Geometry: Theory and Applications, 2009, 42, 664-676. | 0.3 | 14 |
| 149 | Volume requirements of 3D upward drawings. Discrete Mathematics, 2009, 309, 1824-1837. | 0.4 | 5 |
| 150 | Visual Analysis of One-to-Many Matched Graphs. Lecture Notes in Computer Science, 2009, , 133-144. | 1.0 | 6 |
| 151 | Matched Drawings of Planar Graphs. Journal of Graph Algorithms and Applications, 2009, 13, 423-445. | 0.4 | 4 |
| 152 | Matched Drawability of Graph Pairs and of Graph Triples. Lecture Notes in Computer Science, 2009, , 322-333. | 1.0 | 1 |
| 153 | Embeddability Problems for Upward Planar Digraphs. Lecture Notes in Computer Science, 2009, , 242-253. | 1.0 | 8 |
| 154 | Constrained Point-Set Embeddability of Planar Graphs. Lecture Notes in Computer Science, 2009, , 360-371. | 1.0 | 1 |
| 155 | On the Parameterized Complexity of Layered Graph Drawing. Algorithmica, 2008, 52, 267-292. | 1.0 | 42 |
| 156 | Radial drawings of graphs: Geometric constraints and trade-offs. Journal of Discrete Algorithms, 2008, 6, 109-124. | 0.7 | 6 |
| 157 | Drawing colored graphs on colored points. Theoretical Computer Science, 2008, 408, 129-142. | 0.5 | 34 |
| 158 | WhatsOnWeb+ : An Enhanced Visual Search Clustering Engine. , 2008, , | | 5 |
| 159 | k-colored Point-set Embeddability of Outerplanar Graphs. Journal of Graph Algorithms and Applications, 2008, 12, 29-49. | 0.4 | 22 |
| 160 | Overlapping Cluster Planarity. Journal of Graph Algorithms and Applications, 2008, 12, 267-291. | 0.4 | 5 |
| 161 | Drawing Colored Graphs with Constrained Vertex Positions and Few Bends per Edge. Lecture Notes in Computer Science, 2008, , 315-326. | 1.0 | 1 |
| 162 | Point-Set Embedding of Trees with Edge Constraints. Lecture Notes in Computer Science, 2008, , 113-124. | 1.0 | 1 |

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| 163 | Matched Drawings of Planar Graphs. Lecture Notes in Computer Science, 2008, , 183-194. | 1.0 | 7 |
| 164 | SIMULTANEOUS EMBEDDING OF OUTERPLANAR GRAPHS, PATHS, AND CYCLES. International Journal of Computational Geometry and Applications, 2007, 17, 139-160. | 0.3 | 33 |
| 165 | Graph Visualization Techniques for Web Clustering Engines. IEEE Transactions on Visualization and Computer Graphics, 2007, 13, 294-304. | 2.9 | 63 |
| 166 | Overlapping cluster planarity. , 2007, , . | | 2 |
| 167 | Radial Drawings of Graphs: Geometric Constraints and Trade-Offs. Lecture Notes in Computer Science, 2007, , 355-366. | 1.0 | 2 |
| 168 | Drawing Bipartite Graphs on Two Curves. Lecture Notes in Computer Science, 2007, , 380-385. | 1.0 | 8 |
| 169 | Drawing Colored Graphs on Colored Points. Lecture Notes in Computer Science, 2007, , 102-113. | 1.0 | 8 |
| 170 | Universal Sets of n Points for 1-Bend Drawings of Planar Graphs with n Vertices. , 2007, , 345-351. | | 2 |
| 171 | k-Colored Point-Set Embeddability of Outerplanar Graphs. Lecture Notes in Computer Science, 2007, , 318-329. | 1.0 | 4 |
| 172 | Graph Visualization and Data Mining. , 2006, , 35-63. <math altimg="si2.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | | 8 |
| 173 | | 0.5 | 0 |
| 174 | A Fixed-Parameter Approach to 2-Layer Planarization. Algorithmica, 2006, 45, 159-182. | 1.0 | 30 |
| 175 | Book Embeddability of Series-Parallel Digraphs. Algorithmica, 2006, 45, 531-547. | 1.0 | 27 |
| 176 | The strength of weak proximity. Journal of Discrete Algorithms, 2006, 4, 384-400. | 0.7 | 18 |
| 177 | Volume Requirements of 3D Upward Drawings. Lecture Notes in Computer Science, 2006, , 101-110. | 1.0 | 3 |
| 178 | ON EMBEDDING A GRAPH ON TWO SETS OF POINTS. International Journal of Foundations of Computer Science, 2006, 17, 1071-1094. | 0.8 | 24 |
| 179 | How to Embed a Path onto Two Sets of Points. Lecture Notes in Computer Science, 2006, , 111-116. | 1.0 | 2 |
| 180 | WhatsOnWeb: Using Graph Drawing to Search the Web. Lecture Notes in Computer Science, 2006, , 480-491. | 1.0 | 2 |

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| 181 | Curve-constrained drawings of planar graphs. Computational Geometry: Theory and Applications, 2005, 30, 1-23. | 0.3 | 44 |
| 182 | Computing straight-line 3D grid drawings of graphs in linear volume. Computational Geometry: Theory and Applications, 2005, 32, 26-58. | 0.3 | 23 |
| 183 | Orthogonal drawings of graphs with vertex and edge labels. Computational Geometry: Theory and Applications, 2005, 32, 71-114. | 0.3 | 14 |
| 184 | Computing Radial Drawings on the Minimum Number of Circles. Journal of Graph Algorithms and Applications, 2005, 9, 365-389. | 0.4 | 6 |
| 185 | Hamiltonian-with-Handles Graphs and the k-Spine Drawability Problem. Lecture Notes in Computer Science, 2005, , 262-272. | 1.0 | 0 |
| 186 | A Topology-Driven Approach to the Design of Web Meta-search Clustering Engines. Lecture Notes in Computer Science, 2005, , 106-116. | 1.0 | 7 |
| 187 | Selected Open Problems in Graph Drawing. Lecture Notes in Computer Science, 2004, , 515-539. | 1.0 | 35 |
| 188 | A note on 3D orthogonal drawings with direction constrained edges. Information Processing Letters, 2004, 90, 97-101. | 0.4 | 5 |
| 189 | Optimal and suboptimal robust algorithms for proximity graphs. Computational Geometry: Theory and Applications, 2003, 25, 35-49. | 0.3 | 4 |
| 190 | Voronoi drawings of trees. Computational Geometry: Theory and Applications, 2003, 24, 147-178. | 0.3 | 16 |
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