Prosenjit Bose

List of Publications by Year
in descending order

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256	4,256	236612	182168
papers	citations	25 h-index	51 g-index

269	269	269	1868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Routing with Guaranteed Delivery in Ad Hoc Wireless Networks. Wireless Networks, 2001, 7, 609-616.	2.0	871
2	Routing with guaranteed delivery in ad hoc wireless networks. , 1999, , .		528
3	On the false-positive rate of Bloom filters. Information Processing Letters, 2008, 108, 210-213.	0.4	127
4	Online Routing in Triangulations. SIAM Journal on Computing, 2004, 33, 937-951.	0.8	99
5	Online Routing in Triangulations. Lecture Notes in Computer Science, 1999, , 113-122.	1.0	80
6	On embedding an outer-planar graph in a point set. Computational Geometry: Theory and Applications, 2002, 23, 303-312.	0.3	77
7	Flips in planar graphs. Computational Geometry: Theory and Applications, 2009, 42, 60-80.	0.3	63
8	Efficient visibility queries in simple polygons. Computational Geometry: Theory and Applications, 2002, 23, 313-335.	0.3	57
9	Fast approximations for sums of distances, clustering and the Fermatâ€“Weber problem. Computational Geometry: Theory and Applications, 2003, 24, 135-146.	0.3	57
10	Constructing Plane Spanners of Bounded Degree and Low Weight. Algorithmica, 2005, 42, 249-264.	1.0	57
11	A survey of geodesic paths on 3D surfaces. Computational Geometry: Theory and Applications, 2011, 44, 486-498.	0.3	52
12	On plane geometric spanners: A survey and open problems. Computational Geometry: Theory and Applications, 2013, 46, 818-830.	0.3	50
13	Guarding polyhedral terrains. Computational Geometry: Theory and Applications, 1997, 7, 173-185.	0.3	49
14	Succinct Orthogonal Range Search Structures on a Grid with Applications to Text Indexing. Lecture Notes in Computer Science, 2009, , 98-109.	1.0	49
15	On the Spanning Ratio of Gabriel Graphs and beta-Skeletons. SIAM Journal on Discrete Mathematics, 2006, 20, 412-427.	0.4	46
16	Temporal Synchronization of Video Sequences in Theory and in Practice. , 2005, , .		45
17	Efficient Algorithms for Petersen's Matching Theorem. Journal of Algorithms, 2001, 38, 110-134.	0.9	42
18	Competitive online routing in geometric graphs. Theoretical Computer Science, 2004, 324, 273-288.	0.5	42

#	Article	IF	Citations
19	On the Spanning Ratio of Gabriel Graphs and Î²-skeletons. Lecture Notes in Computer Science, 2002, , 479-493.	1.0	42
20	Separating an object from its cast. CAD Computer Aided Design, 2002, 34, 547-559.	1.4	39
21	Ordered theta graphs. Computational Geometry: Theory and Applications, 2004, 28, 11-18.	0.3	38
22	On simplifying dot maps. Computational Geometry: Theory and Applications, 2004, 27, 43-62.	0.3	36
23	ONLINE ROUTING IN CONVEX SUBDIVISIONS. International Journal of Computational Geometry and Applications, 2002, 12, 283-295.	0.3	31
24	Feature Based Cut Detection with Automatic Threshold Selection. Lecture Notes in Computer Science, 2004, , 410-418.	1.0	31
25	Approximating geometric bottleneck shortest paths. Computational Geometry: Theory and Applications, 2004, 29, 233-249.	0.3	31
26	Worst-case-optimal algorithms for guarding planar graphs and polyhedral surfaces. Computational Geometry: Theory and Applications, 2003, 26, 209-219.	0.3	29
27	Persistent realtime building interior generation. , 2006, , .		29
28	AN IMPROVED ALGORITHM FOR SUBDIVISION TRAVERSAL WITHOUT EXTRA STORAGE. International Journal of Computational Geometry and Applications, 2002, 12, 297-308.	0.3	27
29	Online Routing in Convex Subdivisions. Lecture Notes in Computer Science, 2000, , 47-59.	1.0	27
30	Surface roughness of rock faces through the curvature of triangulated meshes. Computers and Geosciences, 2014, 70, 229-237.	2.0	26
31	The Floodlight Problem. International Journal of Computational Geometry and Applications, 1997, 07, 153-163.	0.3	25
32	Area-preserving approximations of polygonal paths. Journal of Discrete Algorithms, 2006, 4, 554-566.	0.7	25
33	ON STRUCTURAL AND GRAPH THEORETIC PROPERTIES OF HIGHER ORDER DELAUNAY GRAPHS. International Journal of Computational Geometry and Applications, 2009, 19, 595-615.	0.3	25
34	Filling holes in triangular meshes by curve unfolding. , 2009, , .		25
35	Computing the Greedy Spanner in Near-Quadratic Time. Algorithmica, 2010, 58, 711-729.	1.0	25
36	Space-efficient geometric divide-and-conquer algorithms. Computational Geometry: Theory and Applications, 2007, 37, 209-227.	0.3	24

#	Article	IF	Citations
37	DELAUNAY AND DIAMOND TRIANGULATIONS CONTAIN SPANNERS OF BOUNDED DEGREE. International Journal of Computational Geometry and Applications, 2009, 19, 119-140.	0.3	24
38	Almost all Delaunay triangulations have stretch factor greater than <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Ï€</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mn>2</mml:mn></mml:math>. Computational Geometry: Theory and Applications, 2011, 44, 121-127.	0.3	24
39	Ï€/2-ANGLE YAO GRAPHS ARE SPANNERS. International Journal of Computational Geometry and Applications, 2012, 22, 61-82.	0.3	23
40	Strategies for Hotlink Assignments. Lecture Notes in Computer Science, 2000, , 23-34.	1.0	22
41	Constructing Plane Spanners of Bounded Degree and Low Weight. Lecture Notes in Computer Science, 2002, , 234-246.	1.0	22
42	Every Set of Disjoint Line Segments Admits a Binary Tree. Discrete and Computational Geometry, 2001, 26, 387-410.	0.4	21
43	PROXIMITY GRAPHS: E, Î´, Î”, Ï‡ AND Ï‰. International Journal of Computational Geometry and Applications, 2012, 22, 439-469.	0.3	21
44	Algorithms for optimal outlier removal. Journal of Discrete Algorithms, 2009, 7, 239-248.	0.7	19
45	Approximate Range Mode and Range Median Queries. Lecture Notes in Computer Science, 2005, , 377-388.	1.0	18
46	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Î¸</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:math>-graph is a spanner. Computational Geometry: Theory and Applications, 2015, 48, 108-119.	0.3	18
47	Proximity constraints and representable trees (extended abstract). Lecture Notes in Computer Science, 1995, , 340-351.	1.0	18
48	Revisiting the Problem of Searching on a Line. Lecture Notes in Computer Science, 2013, , 205-216.	1.0	18
49	A Polynomial Bound for Untangling Geometric PlanarÂGraphs. Discrete and Computational Geometry, 2009, 42, 570-585.	0.4	17
50	Optimal Local Routing on Delaunay Triangulations Defined by Empty Equilateral Triangles. SIAM Journal on Computing, 2015, 44, 1626-1649.	0.8	17
51	Searching on a line: A complete characterization of the optimal solution. Theoretical Computer Science, 2015, 569, 24-42.	0.5	17
52	Towards tight bounds on theta-graphs: More is not always better. Theoretical Computer Science, 2016, 616, 70-93.	0.5	17
53	POSTURE INVARIANT CORRESPONDENCE OF INCOMPLETE TRIANGULAR MANIFOLDS. International Journal of Shape Modeling, 2007, 13, 139-157.	0.3	17
54	On rectangle visibility graphs. Lecture Notes in Computer Science, 1997, , 25-44.	1.0	16

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55	Intersections with random geometric objects. Computational Geometry: Theory and Applications, 1998, 10, 139-154.	0.3	16
56	Augmented reality on cloth with realistic illumination. Machine Vision and Applications, 2009, 20, 85-92.	1.7	16
57	On bounded degree plane strong geometric spanners. Journal of Discrete Algorithms, 2012, 15, 16-31.	0.7	16
58	Visual enhancement of 3D images of rock faces for fracture mapping. International Journal of Rock Mechanics and Minings Sciences, 2014, 72, 325-335.	2.6	16
59	Characterizing and efficiently computing quadrangulations of planar point sets. Computer Aided Geometric Design, 1997, 14, 763-785.	0.5	15
60	Partitions of complete geometric graphs into plane trees. Computational Geometry: Theory and Applications, 2006, 34, 116-125.	0.3	15
61	On the stabbing number of a random Delaunay triangulation. Computational Geometry: Theory and Applications, 2007, 36, 89-105.	0.3	15
62	Traversing a Set of Points with a Minimum Number ofÂTurns. Discrete and Computational Geometry, 2009, 41, 513-532.	0.4	15
63	A Linear-Time Algorithm for the Geodesic Center of a Simple Polygon. Discrete and Computational Geometry, 2016, 56, 836-859.	0.4	15
64	PROPERTIES OF ARRANGEMENT GRAPHS. International Journal of Computational Geometry and Applications, 2003, 13, 447-462.	0.3	14
65	Simultaneous diagonal flips in plane triangulations. Journal of Graph Theory, 2007, 54, 307-330.	0.5	14
66	Automatically Creating Design Models From 3D Anthropometry Data. Journal of Computing and Information Science in Engineering, 2012, 12, .	1.7	14
67	On the Stretch Factor of the Theta-4 Graph. Lecture Notes in Computer Science, 2013, , 109-120.	1.0	14
68	Filling polyhedral molds. Lecture Notes in Computer Science, 1993, , 210-221.	1.0	14
69	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. Lecture Notes in Computer Science, 2011, , 134-146.	1.0	14
70	Computing constrained minimum-width annuli of point sets. CAD Computer Aided Design, 1998, 30, 267-275.	1.4	13
71	DIAMONDS ARE NOT A MINIMUM WEIGHT TRIANGULATION'S BEST FRIEND. International Journal of Computational Geometry and Applications, 2002, 12, 445-453.	0.3	13
72	Geodesic ham-sandwich cuts. , 2004, , .		13

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73	Bounding the locality of distributed routing algorithms. Distributed Computing, 2013, 26, 39-58.	0.7	13
74	On Plane Constrained Bounded-Degree Spanners. Algorithmica, 2019, 81, 1392-1415.	1.0	13
75	Data Structures for Halfplane Proximity Queries and Incremental Voronoi Diagrams. Lecture Notes in Computer Science, 2006, , 80-92.	1.0	13
76	Geometric and computational aspects of manufacturing processes. Computers and Graphics, 1994, 18, 487-497.	1.4	12
77	Equitable subdivisions within polygonal regions. Computational Geometry: Theory and Applications, 2006, 34, 20-27.	0.3	12
78	Theta-3 is connected. Computational Geometry: Theory and Applications, 2014, 47, 910-917.	0.3	12
79	Geometric and computational aspects of gravity casting. CAD Computer Aided Design, 1995, 27, 455-464.	1.4	11
80	Drawing Nice Projections of Objects in Space. Journal of Visual Communication and Image Representation, 1999, 10, 155-172.	1.7	11
81	Some Aperture-Angle Optimization Problems. Algorithmica, 2002, 33, 411-435.	1.0	11
82	ON COMPUTING ENCLOSING ISOSCELES TRIANGLES AND RELATED PROBLEMS. International Journal of Computational Geometry and Applications, 2011, 21, 25-45.	0.3	11
83	Competitive Routing in the Half-Î¸₆-Graph. , 2012, , .		11
84	Some properties of k-Delaunay and k-Gabriel graphs. Computational Geometry: Theory and Applications, 2013, 46, 131-139.	0.3	11
85	Flipping edge-labelled triangulations. Computational Geometry: Theory and Applications, 2018, 68, 309-326.	0.3	11
86	On embedding an outer-planar graph in a point set. Lecture Notes in Computer Science, 1997, , 25-36.	1.0	10
87	Filling polyhedral molds. CAD Computer Aided Design, 1998, 30, 245-254.	1.4	9
88	Geodesic Ham-Sandwich Cuts. Discrete and Computational Geometry, 2007, 37, 325-339.	0.4	9
89	Every Large Point Set contains Many Collinear Points or an Empty Pentagon. Graphs and Combinatorics, 2011, 27, 47-60.	0.2	9
90	On Plane Constrained Bounded-Degree Spanners. Lecture Notes in Computer Science, 2012, , 85-96.	1.0	9

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91	Coverage with k-transmitters in the presence of obstacles. Journal of Combinatorial Optimization, 2013, 25, 208-233.	0.8	9
92	Gabriel Triangulations and Angle-Monotone Graphs: Local Routing and Recognition. Lecture Notes in Computer Science, 2016, , 519-531.	1.0	9
93	Facility Location Constrained to a Polygonal Domain. Lecture Notes in Computer Science, 2002, , 153-164.	1.0	9
94	Asymmetric Communication Protocols via Hotlink Assignments. Theory of Computing Systems, 2003, 36, 655-661.	0.7	8
95	Translating a regular grid over a point set. Computational Geometry: Theory and Applications, 2003, 25, 21-34.	0.3	8
96	A Characterization of the degree sequences of 2â€trees. Journal of Graph Theory, 2008, 58, 191-209.	0.5	8
97	Global Context Descriptors for SURF and MSER Feature Descriptors. , 2010, , .		8
98	New and Improved Spanning Ratios for Yao Graphs. , 2014, , .		8
99	Common Unfoldings of Polyominoes and Polycubes. Lecture Notes in Computer Science, 2011, , 44-54.	1.0	8
100	Computing constrained minimum-width annuli of point sets. Lecture Notes in Computer Science, 1997, , 392-401.	1.0	8
101	All convex polyhedra can be clamped with parallel jaw grippers. Computational Geometry: Theory and Applications, 1996, 6, 291-302.	0.3	7
102	Coarse grained parallel maximum matching in convex bipartite graphs. , 0, , .		7
103	Light edges in degree-constrained graphs. Discrete Mathematics, 2004, 282, 35-41.	0.4	7
104	GENERALIZING MONOTONICITY: ON RECOGNIZING SPECIAL CLASSES OF POLYGONS AND POLYHEDRA. International Journal of Computational Geometry and Applications, 2005, 15, 591-608.	0.3	7
105	Posture invariant correspondence of triangular meshes in shape space. , 2009, , .		7
106	A linear-space algorithm for distance preserving graph embedding. Computational Geometry: Theory and Applications, 2009, 42, 289-304.	0.3	7
107	Stable Roommates Spanner. Computational Geometry: Theory and Applications, 2013, 46, 120-130.	0.3	7
108	Minimum-area enclosing triangle with a fixed angle. Computational Geometry: Theory and Applications, 2014, 47, 90-109.	0.3	7

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109	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. Algorithmica, 2014, 69, 397-409.	1.0	7
110	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. Discrete and Computational Geometry, 2017, 58, 482-504.	0.4	7
111	Spanners of Additively Weighted Point Sets. Lecture Notes in Computer Science, 2008, , 367-377.	1.0	7
112	Algorithms for Packing Two Circles in a Convex Polygon. Lecture Notes in Computer Science, 2000, , 93-103.	1.0	6
113	Testing the Quality of Manufactured Disks and Balls. Algorithmica, 2004, 38, 161-177.	1.0	6
114	Lazy Generation of Building Interiors in Realtime. , 2006, , .		6
115	Coarse grained parallel algorithms for graph matching. Parallel Computing, 2008, 34, 47-62.	1.3	6
116	Geometric spanners with small chromatic number. Computational Geometry: Theory and Applications, 2009, 42, 134-146.	0.3	6
117	Succinct geometric indexes supporting point location queries. ACM Transactions on Algorithms, 2012, 8, 1-26.	0.9	6
118	Ï€/2-Angle Yao Graphs Are Spanners. Lecture Notes in Computer Science, 2010, , 446-457.	1.0	6
119	Spanning Properties of Yao and ?-Graphs in the Presence of Constraints. International Journal of Computational Geometry and Applications, 2019, 29, 95-120.	0.3	6
120	An O(log log n)-Competitive Binary Search Tree with Optimal Worst-Case Access Times. Lecture Notes in Computer Science, 2010, , 38-49.	1.0	6
121	Optimal algorithms to embed trees in a point set. Lecture Notes in Computer Science, 1996, , 64-75.	1.0	5
122	Polygon Cutting: Revisited. Lecture Notes in Computer Science, 2000, , 81-92.	1.0	5
123	Bounding the locality of distributed routing algorithms. , 2009, , .		5
124	Robust Geometric Spanners. SIAM Journal on Computing, 2013, 42, 1720-1736.	0.8	5
125	Upper Bounds on the Spanning Ratio of Constrained Theta-Graphs. Lecture Notes in Computer Science, 2014, , 108-119.	1.0	5
126	Plane geodesic spanning trees, Hamiltonian cycles, and perfect matchings in a simple polygon. Computational Geometry: Theory and Applications, 2016, 57, 27-39.	0.3	5

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127	A general framework for searching on a line. Theoretical Computer Science, 2017, 703, 1-17.	0.5	5
128	Data Structures for Halfplane Proximity Queries and Incremental Voronoi Diagrams. Algorithmica, 2018, 80, 3316-3334.	1.0	5
129	Competitive Online Search Trees on Trees. , 2020, , 1878-1891.		5
130	The Grid Placement Problem. Lecture Notes in Computer Science, 2001, , 180-191.	1.0	5
131	Station Layouts in the Presence of Location Constraints. Lecture Notes in Computer Science, 1999, , 269-278.	1.0	5
132	Efficient Construction of Near-Optimal Binary and Multiway Search Trees. Lecture Notes in Computer Science, 2009, , 230-241.	1.0	5
133	A History of Flips in Combinatorial Triangulations. Lecture Notes in Computer Science, 2012, , 29-44.	1.0	5
134	Simultaneous diagonal flips in plane triangulations. , 2006, , .		5
135	Experimental results on quadrangulations of sets of fixed points. Computer Aided Geometric Design, 2002, 19, 533-552.	0.5	4
136	Optimizing a constrained convex polygonal annulus. Journal of Discrete Algorithms, 2005, 3, 1-26.	0.7	4
137	Sigma-local graphs. Journal of Discrete Algorithms, 2010, 8, 15-23.	0.7	4
138	A generalized Winternitz Theorem. Journal of Geometry, 2011, 100, 29-35.	0.1	4
139	Skip lift: A probabilistic alternative to redâ€“black trees. Journal of Discrete Algorithms, 2012, 14, 13-20.	0.7	4
140	Layered Working-Set Trees. Algorithmica, 2012, 63, 476-489.	1.0	4
141	Fast local searches and updates in bounded universes. Computational Geometry: Theory and Applications, 2013, 46, 181-189.	0.3	4
142	Making triangulations 4-connected using flips. Computational Geometry: Theory and Applications, 2014, 47, 187-197.	0.3	4
143	The Power and Limitations of Static Binary Search Trees with Lazy Finger. Algorithmica, 2016, 76, 1264-1275.	1.0	4
144	New Bounds for Facial Nonrepetitive Colouring. Graphs and Combinatorics, 2017, 33, 817-832.	0.2	4

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145	Improved Spanning Ratio for Low Degree Plane Spanners. Algorithmica, 2018, 80, 935-976.	1.0	4
146	Plane Bichromatic Trees of Low Degree. Discrete and Computational Geometry, 2018, 59, 864-885.	0.4	4
147	Improved Bounds on the Spanning Ratio of the Theta-5-Graph. Lecture Notes in Computer Science, 2021, , 215-228.	1.0	4
148	Competitive Online Routing on Delaunay Triangulations. Lecture Notes in Computer Science, 2014, , 98-109.	1.0	4
149	A History of Distribution-Sensitive Data Structures. Lecture Notes in Computer Science, 2013, , 133-149.	1.0	4
150	The Î¸-Graph is a Spanner. Lecture Notes in Computer Science, 2013, , 100-114.	1.0	4
151	Optimal Algorithms for Constrained 1-Center Problems. Lecture Notes in Computer Science, 2014, , 84-95.	1.0	4
152	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. Lecture Notes in Computer Science, 2015, , 203-214.	1.0	4
153	Diamond Triangulations Contain Spanners of Bounded Degree. Lecture Notes in Computer Science, 2006, , 173-182.	1.0	4
154	On the Stretch Factor of Convex Delaunay Graphs. Lecture Notes in Computer Science, 2008, , 656-667.	1.0	4
155	Testing the Quality of Manufactured Disks and Cylinders. Lecture Notes in Computer Science, 1998, , 130-138.	1.0	4
156	A General Framework for Searching on a Line. Lecture Notes in Computer Science, 2016, , 143-153.	1.0	4
157	On a Family of Strong Geometric Spanners That Admit Local Routing Strategies. Lecture Notes in Computer Science, 2007, , 300-311.	1.0	4
158	Packing two disks into a polygonal environment. Journal of Discrete Algorithms, 2004, 2, 373-380.	0.7	3
159	Algorithms for Designing Clamshell Molds. Computer-Aided Design and Applications, 2007, 4, 1-10.	0.4	3
160	Location Oblivious Distributed Unit Disk Graph Coloring. , 2007, , 222-233.		3
161	Connectivity-preserving transformations of binary images. Computer Vision and Image Understanding, 2009, 113, 1027-1038.	3.0	3
162	MORPHING OF TRIANGULAR MESHES IN SHAPE SPACE. International Journal of Shape Modeling, 2010, 16, 195-212.	0.3	3

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163	A note on the perimeter of fat objects. Computational Geometry: Theory and Applications, 2011, 44, 1-8.	0.3	3
164	A General Framework to Generate Sizing Systems from 3D Motion Data Applied to Face Mask Design. , 2014, , .		3
165	Probing convex polygons with a wedge. Computational Geometry: Theory and Applications, 2016, 58, 34-59.	0.3	3
166	Flips in edge-labelled pseudo-triangulations. Computational Geometry: Theory and Applications, 2017, 60, 45-54.	0.3	3
167	On the separation of a polyhedron from its single-part mold. , 2017, , .		3
168	Spanning Trees in Multipartite Geometric Graphs. Algorithmica, 2018, 80, 3177-3191.	1.0	3
169	Computing the Greedy Spanner in Near-Quadratic Time. Lecture Notes in Computer Science, 2008, , 390-401.	1.0	3
170	On Generalized Diamond Spanners. Lecture Notes in Computer Science, 2007, , 325-336.	1.0	3
171	Communication-Efficient Construction of the Plane Localized Delaunay Graph. Lecture Notes in Computer Science, 2010, , 282-293.	1.0	3
172	Layered Working-Set Trees. Lecture Notes in Computer Science, 2010, , 686-696.	1.0	3
173	On the Stretch Factor of the Constrained Delaunay Triangulation. , 2006, , .		2
174	Reconfiguring Triangulations with Edge Flips and Point Moves. Algorithmica, 2007, 47, 367-378.	1.0	2
175	On local transformations in plane geometric graphs embedded on small grids. Computational Geometry: Theory and Applications, 2008, 39, 65-77.	0.3	2
176	A note on the lower bound of edge guards of polyhedral terrains. International Journal of Computer Mathematics, 2009, 86, 577-583.	1.0	2
177	FILLING HOLES IN TRIANGULAR MESHES USING DIGITAL IMAGES BY CURVE UNFOLDING. International Journal of Shape Modeling, 2010, 16, 151-171.	0.3	2
178	Spanners of additively weighted point sets. Journal of Discrete Algorithms, 2011, 9, 287-298.	0.7	2
179	Competitive Online Routing on Delaunay Triangulations. International Journal of Computational Geometry and Applications, 2017, 27, 241-253.	0.3	2
180	Constrained generalized Delaunay graphs are plane spanners. Computational Geometry: Theory and Applications, 2018, 74, 50-65.	0.3	2

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181	A new â€œangleâ€•on aortic neck angulation measurement. Journal of Vascular Surgery, 2019, 70, 756-761.e1.	0.6	2
182	Maximum Plane Trees in Multipartite Geometric Graphs. Algorithmica, 2019, 81, 1512-1534.	1.0	2
183	Computing the k-Visibility Region of a Point in a Polygon. Theory of Computing Systems, 2020, 64, 1292-1306.	0.7	2
184	On the restricted k-Steiner tree problem. Journal of Combinatorial Optimization, 2022, 44, 2893-2918.	0.8	2
185	A Distribution-Sensitive Dictionary with Low Space Overhead. Lecture Notes in Computer Science, 2009, , 110-118.	1.0	2
186	Local Routing in Convex Subdivisions. Lecture Notes in Computer Science, 2015, , 140-151.	1.0	2
187	Competitive Local Routing with Constraints. Lecture Notes in Computer Science, 2015, , 23-34.	1.0	2
188	Optimal Data Structures for Farthest-Point Queries in Cactus Networks. Journal of Graph Algorithms and Applications, 2015, 19, 11-41.	0.4	2
189	Coverage with k-Transmitters in the Presence of Obstacles. Lecture Notes in Computer Science, 2010, , 1-15.	1.0	2
190	Should Static Search Trees Ever Be Unbalanced?. Lecture Notes in Computer Science, 2010, , 109-120.	1.0	2
191	The Power and Limitations of Static Binary Search Trees with Lazy Finger. Lecture Notes in Computer Science, 2014, , 181-192.	1.0	2
192	Plane Bichromatic Trees of Low Degree. Lecture Notes in Computer Science, 2016, , 68-80.	1.0	2
193	STATION LAYOUTS IN THE PRESENCE OF LOCATION CONSTRAINTS. Journal of Interconnection Networks, 2002, 03, 1-17.	0.6	1
194	A GENERAL APPROXIMATION ALGORITHM FOR PLANAR MAPS WITH APPLICATIONS. International Journal of Computational Geometry and Applications, 2007, 17, 529-554.	0.3	1
195	Rotationally monotone polygons. Computational Geometry: Theory and Applications, 2009, 42, 471-483.	0.3	1
196	COMPUTING SIGNED PERMUTATIONS OF POLYGONS. International Journal of Computational Geometry and Applications, 2011, 21, 87-100.	0.3	1
197	Isoperimetric triangular enclosures with a fixed angle. Journal of Geometry, 2013, 104, 229-255.	0.1	1
198	Robust geometric spanners. , 2013, , .		1

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199	Biased Predecessor Search. Algorithmica, 2016, 76, 1097-1105.	1.0	1
200	The Price of Order. International Journal of Computational Geometry and Applications, 2016, 26, 135-149.	0.3	1
201	Constrained Routing Between Non-Visible Vertices. Lecture Notes in Computer Science, 2017, , 62-74.	1.0	1
202	Local Routing in Spanners Based on WSPDs. Lecture Notes in Computer Science, 2017, , 205-216.	1.0	1
203	Continuous Yao graphs. Computational Geometry: Theory and Applications, 2018, 67, 42-52.	0.3	1
204	Improved Bounds for Guarding Plane Graphs with Edges. Graphs and Combinatorics, 2019, 35, 437-450.	0.2	1
205	Power domination on triangular grids with triangular and hexagonal shape. Journal of Combinatorial Optimization, 2020, 40, 482-500.	0.8	1
206	Optimal Art Gallery Localization is NP-hard. Computational Geometry: Theory and Applications, 2020, 88, 101607.	0.3	1
207	Constrained routing between non-visible vertices. Theoretical Computer Science, 2021, 861, 144-154.	0.5	1
208	Attraction-convexity and normal visibility. Computational Geometry: Theory and Applications, 2021, 96, 101748.	0.3	1
209	Affine invariant triangulations. Computer Aided Geometric Design, 2021, 91, 102039.	0.5	1
210	Piercing pairwise intersecting geodesic disks. Computational Geometry: Theory and Applications, 2021, 98, 101774.	0.3	1
211	Packing Two Disks into a Polygonal Environment. Lecture Notes in Computer Science, 2001, , 142-149.	1.0	1
212	On the Restricted 1-Steiner Tree Problem. Lecture Notes in Computer Science, 2020, , 448-459.	1.0	1
213	Constrained Generalized Delaunay Graphs are Plane Spanners. Advances in Intelligent Systems and Computing, 2017, , 281-293.	0.5	1
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