

Prosenjit Bose

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

256
papers

3,193
citations

25
h-index

49
g-index

269
ext. papers

3,603
ext. citations

0.8
avg. IF

5.09
L-index

#	Paper	IF	Citations
256	Routing with Guaranteed Delivery in Ad Hoc Wireless Networks. <i>Wireless Networks</i> , 2001 , 7, 609-616	2.5	618
255	Routing with guaranteed delivery in ad hoc wireless networks 1999 ,		415
254	On the false-positive rate of Bloom filters. <i>Information Processing Letters</i> , 2008 , 108, 210-213	0.8	84
253	Online Routing in Triangulations. <i>SIAM Journal on Computing</i> , 2004 , 33, 937-951	1.1	73
252	On embedding an outer-planar graph in a point set. <i>Computational Geometry: Theory and Applications</i> , 2002 , 23, 303-312	0.4	67
251	Flips in planar graphs. <i>Computational Geometry: Theory and Applications</i> , 2009 , 42, 60-80	0.4	52
250	Efficient visibility queries in simple polygons. <i>Computational Geometry: Theory and Applications</i> , 2002 , 23, 313-335	0.4	50
249	Online Routing in Triangulations. <i>Lecture Notes in Computer Science</i> , 1999 , 113-122	0.9	49
248	Fast approximations for sums of distances, clustering and the Fermat-Weber problem. <i>Computational Geometry: Theory and Applications</i> , 2003 , 24, 135-146	0.4	46
247	Constructing Plane Spanners of Bounded Degree and Low Weight. <i>Algorithmica</i> , 2005 , 42, 249-264	0.9	46
246	Succinct Orthogonal Range Search Structures on a Grid with Applications to Text Indexing. <i>Lecture Notes in Computer Science</i> , 2009 , 98-109	0.9	41
245	On the Spanning Ratio of Gabriel Graphs and beta-Skeletons. <i>SIAM Journal on Discrete Mathematics</i> , 2006 , 20, 412-427	0.7	39
244	A survey of geodesic paths on 3D surfaces. <i>Computational Geometry: Theory and Applications</i> , 2011 , 44, 486-498	0.4	38
243	Guarding polyhedral terrains. <i>Computational Geometry: Theory and Applications</i> , 1997 , 7, 173-185	0.4	37
242	On plane geometric spanners: A survey and open problems. <i>Computational Geometry: Theory and Applications</i> , 2013 , 46, 818-830	0.4	35
241	Separating an object from its cast. <i>CAD Computer Aided Design</i> , 2002 , 34, 547-559	2.9	35
240	Efficient Algorithms for Petersen's Matching Theorem. <i>Journal of Algorithms</i> , 2001 , 38, 110-134		35

239	Competitive online routing in geometric graphs. <i>Theoretical Computer Science</i> , 2004 , 324, 273-288	1.1	33
238	Temporal Synchronization of Video Sequences in Theory and in Practice 2005 ,		31
237	On simplifying dot maps. <i>Computational Geometry: Theory and Applications</i> , 2004 , 27, 43-62	0.4	31
236	Ordered theta graphs. <i>Computational Geometry: Theory and Applications</i> , 2004 , 28, 11-18	0.4	29
235	Approximating geometric bottleneck shortest paths. <i>Computational Geometry: Theory and Applications</i> , 2004 , 29, 233-249	0.4	29
234	ONLINE ROUTING IN CONVEX SUBDIVISIONS. <i>International Journal of Computational Geometry and Applications</i> , 2002 , 12, 283-295	0.3	27
233	Worst-case-optimal algorithms for guarding planar graphs and polyhedral surfaces. <i>Computational Geometry: Theory and Applications</i> , 2003 , 26, 209-219	0.4	25
232	On the Spanning Ratio of Gabriel Graphs and \mathbb{E} skeletons. <i>Lecture Notes in Computer Science</i> , 2002 , 479-493	0.9	25
231	Feature Based Cut Detection with Automatic Threshold Selection. <i>Lecture Notes in Computer Science</i> , 2004 , 410-418	0.9	24
230	Surface roughness of rock faces through the curvature of triangulated meshes. <i>Computers and Geosciences</i> , 2014 , 70, 229-237	4.5	23
229	ON STRUCTURAL AND GRAPH THEORETIC PROPERTIES OF HIGHER ORDER DELAUNAY GRAPHS. <i>International Journal of Computational Geometry and Applications</i> , 2009 , 19, 595-615	0.3	23
228	Space-efficient geometric divide-and-conquer algorithms. <i>Computational Geometry: Theory and Applications</i> , 2007 , 37, 209-227	0.4	23
227	Area-preserving approximations of polygonal paths. <i>Journal of Discrete Algorithms</i> , 2006 , 4, 554-566		22
226	The Floodlight Problem. <i>International Journal of Computational Geometry and Applications</i> , 1997 , 07, 153-163	0.3	21
225	Almost all Delaunay triangulations have stretch factor greater than $\sqrt{3}$. <i>Computational Geometry: Theory and Applications</i> , 2011 , 44, 121-127	0.4	20
224	$\sqrt{2}$ -ANGLE YAO GRAPHS ARE SPANNERS. <i>International Journal of Computational Geometry and Applications</i> , 2012 , 22, 61-82	0.3	20
223	AN IMPROVED ALGORITHM FOR SUBDIVISION TRAVERSAL WITHOUT EXTRA STORAGE. <i>International Journal of Computational Geometry and Applications</i> , 2002 , 12, 297-308	0.3	19
222	DELAUNAY AND DIAMOND TRIANGULATIONS CONTAIN SPANNERS OF BOUNDED DEGREE. <i>International Journal of Computational Geometry and Applications</i> , 2009 , 19, 119-140	0.3	18

221	Persistent realtime building interior generation 2006,		18
220	Every Set of Disjoint Line Segments Admits a Binary Tree. <i>Discrete and Computational Geometry</i> , 2001 , 26, 387-410	0.6	18
219	Strategies for Hotlink Assignments. <i>Lecture Notes in Computer Science</i> , 2000 , 23-34	0.9	17
218	Optimal Local Routing on Delaunay Triangulations Defined by Empty Equilateral Triangles. <i>SIAM Journal on Computing</i> , 2015 , 44, 1626-1649	1.1	16
217	Algorithms for optimal outlier removal. <i>Journal of Discrete Algorithms</i> , 2009 , 7, 239-248		16
216	Approximate Range Mode and Range Median Queries. <i>Lecture Notes in Computer Science</i> , 2005 , 377-388	0.9	16
215	Constructing Plane Spanners of Bounded Degree and Low Weight. <i>Lecture Notes in Computer Science</i> , 2002 , 234-246	0.9	16
214	Filling holes in triangular meshes by curve unfolding 2009,		15
213	On bounded degree plane strong geometric spanners. <i>Journal of Discrete Algorithms</i> , 2012 , 15, 16-31		14
212	PROXIMITY GRAPHS: E, \square AND \square <i>International Journal of Computational Geometry and Applications</i> , 2012 , 22, 439-469	0.3	14
211	Computing the Greedy Spanner in Near-Quadratic Time. <i>Algorithmica</i> , 2010 , 58, 711-729	0.9	14
210	Online Routing in Convex Subdivisions. <i>Lecture Notes in Computer Science</i> , 2000 , 47-59	0.9	14
209	Visual enhancement of 3D images of rock faces for fracture mapping. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2014 , 72, 325-335	6	13
208	Characterizing and efficiently computing quadrangulations of planar point sets. <i>Computer Aided Geometric Design</i> , 1997 , 14, 763-785	1.2	13
207	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. <i>Lecture Notes in Computer Science</i> , 2011 , 134-146	0.9	13
206	Revisiting the Problem of Searching on a Line. <i>Lecture Notes in Computer Science</i> , 2013 , 205-216	0.9	13
205	The \mathbb{B} -graph is a spanner. <i>Computational Geometry: Theory and Applications</i> , 2015 , 48, 108-119	0.4	12
204	A Polynomial Bound for Untangling Geometric Planar Graphs. <i>Discrete and Computational Geometry</i> , 2009 , 42, 570-585	0.6	12

203	Traversing a Set of Points with a Minimum Number of Turns. <i>Discrete and Computational Geometry</i> , 2009 , 41, 513-532	0.6	12
202	Simultaneous diagonal flips in plane triangulations. <i>Journal of Graph Theory</i> , 2007 , 54, 307-330	0.8	12
201	On the stabbing number of a random Delaunay triangulation. <i>Computational Geometry: Theory and Applications</i> , 2007 , 36, 89-105	0.4	12
200	Searching on a line: A complete characterization of the optimal solution. <i>Theoretical Computer Science</i> , 2015 , 569, 24-42	1.1	11
199	Competitive Routing in the Half- \mathbb{B} -Graph 2012 ,		11
198	Computing constrained minimum-width annuli of point sets. <i>CAD Computer Aided Design</i> , 1998 , 30, 267-275		11
197	Equitable subdivisions within polygonal regions. <i>Computational Geometry: Theory and Applications</i> , 2006 , 34, 20-27	0.4	11
196	Geodesic ham-sandwich cuts 2004 ,		11
195	PROPERTIES OF ARRANGEMENT GRAPHS. <i>International Journal of Computational Geometry and Applications</i> , 2003 , 13, 447-462	0.3	11
194	DIAMONDS ARE NOT A MINIMUM WEIGHT TRIANGULATION'S BEST FRIEND. <i>International Journal of Computational Geometry and Applications</i> , 2002 , 12, 445-453	0.3	11
193	POSTURE INVARIANT CORRESPONDENCE OF INCOMPLETE TRIANGULAR MANIFOLDS. <i>International Journal of Shape Modeling</i> , 2007 , 13, 139-157		11
192	A Linear-Time Algorithm for the Geodesic Center of a Simple Polygon. <i>Discrete and Computational Geometry</i> , 2016 , 56, 836-859	0.6	10
191	Towards tight bounds on theta-graphs: More is not always better. <i>Theoretical Computer Science</i> , 2016 , 616, 70-93	1.1	10
190	On Plane Constrained Bounded-Degree Spanners. <i>Algorithmica</i> , 2019 , 81, 1392-1415	0.9	10
189	Some properties of k-Delaunay and k-Gabriel graphs. <i>Computational Geometry: Theory and Applications</i> , 2013 , 46, 131-139	0.4	10
188	Augmented reality on cloth with realistic illumination. <i>Machine Vision and Applications</i> , 2009 , 20, 85-92	2.8	10
187	Automatically Creating Design Models From 3D Anthropometry Data. <i>Journal of Computing and Information Science in Engineering</i> , 2012 , 12,	2.4	10
186	Intersections with random geometric objects. <i>Computational Geometry: Theory and Applications</i> , 1998 , 10, 139-154	0.4	10

185	Geometric and computational aspects of gravity casting. <i>CAD Computer Aided Design</i> , 1995 , 27, 455-464	2.9	10
184	Proximity constraints and representable trees (extended abstract). <i>Lecture Notes in Computer Science</i> , 1995 , 340-351	0.9	10
183	Theta-3 is connected. <i>Computational Geometry: Theory and Applications</i> , 2014 , 47, 910-917	0.4	9
182	Geodesic Ham-Sandwich Cuts. <i>Discrete and Computational Geometry</i> , 2007 , 37, 325-339	0.6	9
181	On embedding an outer-planar graph in a point set. <i>Lecture Notes in Computer Science</i> , 1997 , 25-36	0.9	9
180	Flipping edge-labelled triangulations. <i>Computational Geometry: Theory and Applications</i> , 2018 , 68, 309-326	4	8
179	Coverage with k-transmitters in the presence of obstacles. <i>Journal of Combinatorial Optimization</i> , 2013 , 25, 208-233	0.9	8
178	Bounding the locality of distributed routing algorithms. <i>Distributed Computing</i> , 2013 , 26, 39-58	1.2	8
177	New and Improved Spanning Ratios for Yao Graphs 2014 ,		8
176	On the Stretch Factor of the Theta-4 Graph. <i>Lecture Notes in Computer Science</i> , 2013 , 109-120	0.9	8
175	Every Large Point Set contains Many Collinear Points or an Empty Pentagon. <i>Graphs and Combinatorics</i> , 2011 , 27, 47-60	0.5	8
174	On Plane Constrained Bounded-Degree Spanners. <i>Lecture Notes in Computer Science</i> , 2012 , 85-96	0.9	8
173	Drawing Nice Projections of Objects in Space. <i>Journal of Visual Communication and Image Representation</i> , 1999 , 10, 155-172	2.7	8
172	Geometric and computational aspects of manufacturing processes. <i>Computers and Graphics</i> , 1994 , 18, 487-497	1.8	8
171	Data Structures for Halfplane Proximity Queries and Incremental Voronoi Diagrams. <i>Lecture Notes in Computer Science</i> , 2006 , 80-92	0.9	8
170	ON COMPUTING ENCLOSING ISOSCELES TRIANGLES AND RELATED PROBLEMS. <i>International Journal of Computational Geometry and Applications</i> , 2011 , 21, 25-45	0.3	7
169	On rectangle visibility graphs. <i>Lecture Notes in Computer Science</i> , 1997 , 25-44	0.9	7
168	Filling polyhedral molds. <i>CAD Computer Aided Design</i> , 1998 , 30, 245-254	2.9	7

167	A Characterization of the degree sequences of 2-trees. <i>Journal of Graph Theory</i> , 2008 , 58, 191-209	0.8	7
166	Some Aperture-Angle Optimization Problems. <i>Algorithmica</i> , 2002 , 33, 411-435	0.9	7
165	Asymmetric Communication Protocols via Hotlink Assignments. <i>Theory of Computing Systems</i> , 2003 , 36, 655-661	0.6	7
164	GENERALIZING MONOTONICITY: ON RECOGNIZING SPECIAL CLASSES OF POLYGONS AND POLYHEDRA. <i>International Journal of Computational Geometry and Applications</i> , 2005 , 15, 591-608	0.3	7
163	Common Unfoldings of Polyominoes and Polycubes. <i>Lecture Notes in Computer Science</i> , 2011 , 44-54	0.9	7
162	Computing constrained minimum-width annuli of point sets. <i>Lecture Notes in Computer Science</i> , 1997 , 392-401	0.9	7
161	Gabriel Triangulations and Angle-Monotone Graphs: Local Routing and Recognition. <i>Lecture Notes in Computer Science</i> , 2016 , 519-531	0.9	7
160	Facility Location Constrained to a Polygonal Domain. <i>Lecture Notes in Computer Science</i> , 2002 , 153-164	0.9	7
159	Filling polyhedral molds. <i>Lecture Notes in Computer Science</i> , 1993 , 210-221	0.9	7
158	Stable Roommates Spanner. <i>Computational Geometry: Theory and Applications</i> , 2013 , 46, 120-130	0.4	6
157	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. <i>Algorithmica</i> , 2014 , 69, 397-409	0.9	6
156	A linear-space algorithm for distance preserving graph embedding. <i>Computational Geometry: Theory and Applications</i> , 2009 , 42, 289-304	0.4	6
155	Translating a regular grid over a point set. <i>Computational Geometry: Theory and Applications</i> , 2003 , 25, 21-34	0.4	6
154	Spanners of Additively Weighted Point Sets. <i>Lecture Notes in Computer Science</i> , 2008 , 367-377	0.9	6
153	$\sqrt{2}$ -Angle Yao Graphs Are Spanners. <i>Lecture Notes in Computer Science</i> , 2010 , 446-457	0.9	6
152	Upper Bounds on the Spanning Ratio of Constrained Theta-Graphs. <i>Lecture Notes in Computer Science</i> , 2014 , 108-119	0.9	5
151	Posture invariant correspondence of triangular meshes in shape space 2009 ,		5
150	Coarse grained parallel algorithms for graph matching. <i>Parallel Computing</i> , 2008 , 34, 47-62	1	5

149	Partitions of complete geometric graphs into plane trees. <i>Computational Geometry: Theory and Applications</i> , 2006 , 34, 116-125	0.4	5
148	All convex polyhedra can be clamped with parallel jaw grippers. <i>Computational Geometry: Theory and Applications</i> , 1996 , 6, 291-302	0.4	5
147	Optimal algorithms to embed trees in a point set. <i>Lecture Notes in Computer Science</i> , 1996 , 64-75	0.9	5
146	Efficient Construction of Near-Optimal Binary and Multiway Search Trees. <i>Lecture Notes in Computer Science</i> , 2009 , 230-241	0.9	5
145	On the Spanning Ratio of Theta-Graphs. <i>Lecture Notes in Computer Science</i> , 2013 , 182-194	0.9	5
144	An $O(\log \log n)$ -Competitive Binary Search Tree with Optimal Worst-Case Access Times. <i>Lecture Notes in Computer Science</i> , 2010 , 38-49	0.9	5
143	The Grid Placement Problem. <i>Lecture Notes in Computer Science</i> , 2001 , 180-191	0.9	5
142	Fast local searches and updates in bounded universes. <i>Computational Geometry: Theory and Applications</i> , 2013 , 46, 181-189	0.4	4
141	Minimum-area enclosing triangle with a fixed angle. <i>Computational Geometry: Theory and Applications</i> , 2014 , 47, 90-109	0.4	4
140	A generalized Winternitz Theorem. <i>Journal of Geometry</i> , 2011 , 100, 29-35	0.4	4
139	Global Context Descriptors for SURF and MSER Feature Descriptors 2010 ,		4
138	Bounding the locality of distributed routing algorithms 2009 ,		4
137	Geometric spanners with small chromatic number. <i>Computational Geometry: Theory and Applications</i> , 2009 , 42, 134-146	0.4	4
136	Sigma-local graphs. <i>Journal of Discrete Algorithms</i> , 2010 , 8, 15-23		4
135	Lazy Generation of Building Interiors in Realtime 2006 ,		4
134	Light edges in degree-constrained graphs. <i>Discrete Mathematics</i> , 2004 , 282, 35-41	0.7	4
133	Experimental results on quadrangulations of sets of fixed points. <i>Computer Aided Geometric Design</i> , 2002 , 19, 533-552	1.2	4
132	Polygon Cutting: Revisited. <i>Lecture Notes in Computer Science</i> , 2000 , 81-92	0.9	4

131	Coarse grained parallel maximum matching in convex bipartite graphs		4
130	Spanning Properties of Yao and γ -Graphs in the Presence of Constraints. <i>International Journal of Computational Geometry and Applications</i> , 2019 , 29, 95-120	0.3	4
129	Simultaneous diagonal flips in plane triangulations 2006 ,		4
128	Diamond Triangulations Contain Spanners of Bounded Degree. <i>Lecture Notes in Computer Science</i> , 2006 , 173-182	0.9	4
127	On the Stretch Factor of Convex Delaunay Graphs. <i>Lecture Notes in Computer Science</i> , 2008 , 656-667	0.9	4
126	Improved Methods For Generating Quasi-gray Codes. <i>Lecture Notes in Computer Science</i> , 2010 , 224-235	0.9	4
125	A History of Flips in Combinatorial Triangulations. <i>Lecture Notes in Computer Science</i> , 2012 , 29-44	0.9	4
124	A General Framework for Searching on a Line. <i>Lecture Notes in Computer Science</i> , 2016 , 143-153	0.9	4
123	Incremental Construction of k-Dominating Sets in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2006 , 202-214	0.9	4
122	Station Layouts in the Presence of Location Constraints. <i>Lecture Notes in Computer Science</i> , 1999 , 269-279	0.9	4
121	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. <i>Discrete and Computational Geometry</i> , 2017 , 58, 482-504	0.6	3
120	Plane Bichromatic Trees of Low Degree. <i>Discrete and Computational Geometry</i> , 2018 , 59, 864-885	0.6	3
119	Making triangulations 4-connected using flips. <i>Computational Geometry: Theory and Applications</i> , 2014 , 47, 187-197	0.4	3
118	Layered Working-Set Trees. <i>Algorithmica</i> , 2012 , 63, 476-489	0.9	3
117	A general framework for searching on a line. <i>Theoretical Computer Science</i> , 2017 , 703, 1-17	1.1	3
116	Flips in edge-labelled pseudo-triangulations. <i>Computational Geometry: Theory and Applications</i> , 2017 , 60, 45-54	0.4	3
115	Succinct geometric indexes supporting point location queries. <i>ACM Transactions on Algorithms</i> , 2012 , 8, 1-26	1.2	3
114	Testing the Quality of Manufactured Disks and Balls. <i>Algorithmica</i> , 2004 , 38, 161-177	0.9	3

113	Packing two disks into a polygonal environment. <i>Journal of Discrete Algorithms</i> , 2004 , 2, 373-380		3
112	Optimizing a constrained convex polygonal annulus. <i>Journal of Discrete Algorithms</i> , 2005 , 3, 1-26		3
111	Competitive Online Routing on Delaunay Triangulations. <i>Lecture Notes in Computer Science</i> , 2014 , 98-109.	0.9	3
110	Computing the Greedy Spanner in Near-Quadratic Time. <i>Lecture Notes in Computer Science</i> , 2008 , 390-401.	0.9	3
109	On Generalized Diamond Spanners. <i>Lecture Notes in Computer Science</i> , 2007 , 325-336	0.9	3
108	Optimal Algorithms for Constrained 1-Center Problems. <i>Lecture Notes in Computer Science</i> , 2014 , 84-95	0.9	3
107	Testing the Quality of Manufactured Disks and Cylinders. <i>Lecture Notes in Computer Science</i> , 1998 , 130-138	0.9	3
106	Plane geodesic spanning trees, Hamiltonian cycles, and perfect matchings in a simple polygon. <i>Computational Geometry: Theory and Applications</i> , 2016 , 57, 27-39	0.4	3
105	The Power and Limitations of Static Binary Search Trees with Lazy Finger. <i>Algorithmica</i> , 2016 , 76, 1264-1275	0.9	3
104	Data Structures for Halfplane Proximity Queries and Incremental Voronoi Diagrams. <i>Algorithmica</i> , 2018 , 80, 3316-3334	0.9	2
103	Spanning Trees in Multipartite Geometric Graphs. <i>Algorithmica</i> , 2018 , 80, 3177-3191	0.9	2
102	Improved Spanning Ratio for Low Degree Plane Spanners. <i>Algorithmica</i> , 2018 , 80, 935-976	0.9	2
101	Constrained generalized Delaunay graphs are plane spanners. <i>Computational Geometry: Theory and Applications</i> , 2018 , 74, 50-65	0.4	2
100	Skip lift: A probabilistic alternative to redBlack trees. <i>Journal of Discrete Algorithms</i> , 2012 , 14, 13-20		2
99	New Bounds for Facial Nonrepetitive Colouring. <i>Graphs and Combinatorics</i> , 2017 , 33, 817-832	0.5	2
98	A General Framework to Generate Sizing Systems from 3D Motion Data Applied to Face Mask Design 2014 ,		2
97	A note on the perimeter of fat objects. <i>Computational Geometry: Theory and Applications</i> , 2011 , 44, 1-8	0.4	2
96	FILLING HOLES IN TRIANGULAR MESHES USING DIGITAL IMAGES BY CURVE UNFOLDING. <i>International Journal of Shape Modeling</i> , 2010 , 16, 151-171		2

95	MORPHING OF TRIANGULAR MESHES IN SHAPE SPACE. <i>International Journal of Shape Modeling</i> , 2010 , 16, 195-212		2
94	Connectivity-preserving transformations of binary images. <i>Computer Vision and Image Understanding</i> , 2009 , 113, 1027-1038	4.3	2
93	Spanners of additively weighted point sets. <i>Journal of Discrete Algorithms</i> , 2011 , 9, 287-298		2
92	Reconfiguring Triangulations with Edge Flips and Point Moves. <i>Algorithmica</i> , 2007 , 47, 367-378	0.9	2
91	Algorithms for Designing Clamshell Molds. <i>Computer-Aided Design and Applications</i> , 2007 , 4, 1-10	1.4	2
90	On the Stretch Factor of the Constrained Delaunay Triangulation 2006 ,		2
89	Algorithms for Packing Two Circles in a Convex Polygon. <i>Lecture Notes in Computer Science</i> , 2000 , 93-103	0.9	2
88	On a Family of Strong Geometric Spanners That Admit Local Routing Strategies. <i>Lecture Notes in Computer Science</i> , 2007 , 300-311	0.9	2
87	Optimal Data Structures for Farthest-Point Queries in Cactus Networks. <i>Journal of Graph Algorithms and Applications</i> , 2015 , 19, 11-41	1.5	2
86	Time-Space Trade-Off for Finding the k-Visibility Region of a Point in a Polygon. <i>Lecture Notes in Computer Science</i> , 2017 , 308-319	0.9	2
85	A Distribution-Sensitive Dictionary with Low Space Overhead. <i>Lecture Notes in Computer Science</i> , 2009 , 110-118	0.9	2
84	Communication-Efficient Construction of the Plane Localized Delaunay Graph. <i>Lecture Notes in Computer Science</i> , 2010 , 282-293	0.9	2
83	A History of Distribution-Sensitive Data Structures. <i>Lecture Notes in Computer Science</i> , 2013 , 133-149	0.9	2
82	The \mathbb{B} -Graph is a Spanner. <i>Lecture Notes in Computer Science</i> , 2013 , 100-114	0.9	2
81	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. <i>Lecture Notes in Computer Science</i> , 2015 , 203-214	0.9	2
80	Testing the Quality of Manufactured Balls. <i>Lecture Notes in Computer Science</i> , 1999 , 145-156	0.9	2
79	Plane Bichromatic Trees of Low Degree. <i>Lecture Notes in Computer Science</i> , 2016 , 68-80	0.9	2
78	Coverage with k-Transmitters in the Presence of Obstacles. <i>Lecture Notes in Computer Science</i> , 2010 , 1-15	0.9	2

77	Should Static Search Trees Ever Be Unbalanced?. <i>Lecture Notes in Computer Science</i> , 2010 , 109-120	0.9	2
76	Layered Working-Set Trees. <i>Lecture Notes in Computer Science</i> , 2010 , 686-696	0.9	2
75	De-amortizing Binary Search Trees. <i>Lecture Notes in Computer Science</i> , 2012 , 121-132	0.9	2
74	The Power and Limitations of Static Binary Search Trees with Lazy Finger. <i>Lecture Notes in Computer Science</i> , 2014 , 181-192	0.9	2
73	Maximum Plane Trees in Multipartite Geometric Graphs. <i>Algorithmica</i> , 2019 , 81, 1512-1534	0.9	2
72	Weighted Ham-Sandwich Cuts. <i>Lecture Notes in Computer Science</i> , 2005 , 48-53	0.9	2
71	Improved Bounds for Guarding Plane Graphs with Edges. <i>Graphs and Combinatorics</i> , 2019 , 35, 437-450	0.5	1
70	Competitive Online Search Trees on Trees 2020 , 1878-1891		1
69	Optimal Art Gallery Localization is NP-hard. <i>Computational Geometry: Theory and Applications</i> , 2020 , 88, 101607	0.4	1
68	On the separation of a polyhedron from its single-part mold 2017 ,		1
67	Continuous Yao graphs. <i>Computational Geometry: Theory and Applications</i> , 2018 , 67, 42-52	0.4	1
66	The Price of Order. <i>International Journal of Computational Geometry and Applications</i> , 2016 , 26, 135-149	0.3	1
65	Isoperimetric triangular enclosures with a fixed angle. <i>Journal of Geometry</i> , 2013 , 104, 229-255	0.4	1
64	Constrained Routing Between Non-Visible Vertices. <i>Lecture Notes in Computer Science</i> , 2017 , 62-74	0.9	1
63	Local Routing in Spanners Based on WSPDs. <i>Lecture Notes in Computer Science</i> , 2017 , 205-216	0.9	1
62	Competitive Online Routing on Delaunay Triangulations. <i>International Journal of Computational Geometry and Applications</i> , 2017 , 27, 241-253	0.3	1
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