

# Prosenjit Bose

## List of Publications by Year in Descending Order

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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	Parameterized complexity of two-interval pattern problem. <i>Theoretical Computer Science</i> , <b>2022</b> , 902, 21-28	1.1	
255	On the Spanning and Routing Ratios of the Directed $\bar{B}$ -Graph. <i>Computational Geometry: Theory and Applications</i> , <b>2022</b> , 101881	0.4	
254	Constrained routing between non-visible vertices. <i>Theoretical Computer Science</i> , <b>2021</b> , 861, 144-154	1.1	1
253	Attraction-convexity and normal visibility. <i>Computational Geometry: Theory and Applications</i> , <b>2021</b> , 96, 101748	0.4	
252	Routing on Heavy-Path WSPD-Spanners. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 613-626	0.9	
251	On the Spanning and Routing Ratios of the Directed $(\vartheta_6)$ -Graph. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 1-14	0.9	
250	Improved Bounds on the Spanning Ratio of the $\Theta_5$ -Graph. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 215-228	0.9	1
249	Affine invariant triangulations. <i>Computer Aided Geometric Design</i> , <b>2021</b> , 91, 102039	1.2	0
248	Piercing pairwise intersecting geodesic disks. <i>Computational Geometry: Theory and Applications</i> , <b>2021</b> , 98, 101774	0.4	0
247	Competitive Online Search Trees on Trees <b>2020</b> , 1878-1891		1
246	Power domination on triangular grids with triangular and hexagonal shape. <i>Journal of Combinatorial Optimization</i> , <b>2020</b> , 40, 482-500	0.9	0
245	Optimal Art Gallery Localization is NP-hard. <i>Computational Geometry: Theory and Applications</i> , <b>2020</b> , 88, 101607	0.4	1
244	Flips in Higher Order Delaunay Triangulations. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 223-234	0.9	
243	Gathering by repulsion. <i>Computational Geometry: Theory and Applications</i> , <b>2020</b> , 90, 101627	0.4	
242	Drawing Graphs as Spanners. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 310-324	0.9	
241	On the Restricted 1-Steiner Tree Problem. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 448-459	0.9	1
240	Hamiltonicity for convex shape Delaunay and Gabriel graphs. <i>Computational Geometry: Theory and Applications</i> , <b>2020</b> , 89, 101629	0.4	1

239	Local Routing in Convex Subdivisions. <i>International Journal of Computational Geometry and Applications</i> , <b>2020</b> , 30, 1-17	0.3	
238	Computing the k-Visibility Region of a Point in a Polygon. <i>Theory of Computing Systems</i> , <b>2020</b> , 64, 1292-1306		
237	A new "angle" on aortic neck angulation measurement. <i>Journal of Vascular Surgery</i> , <b>2019</b> , 70, 756-761.e13.5	0	
236	Improved Bounds for Guarding Plane Graphs with Edges. <i>Graphs and Combinatorics</i> , <b>2019</b> , 35, 437-450	0.5	1
235	On Plane Constrained Bounded-Degree Spanners. <i>Algorithmica</i> , <b>2019</b> , 81, 1392-1415	0.9	10
234	Spanning Properties of Yao and $\gamma$ -Graphs in the Presence of Constraints. <i>International Journal of Computational Geometry and Applications</i> , <b>2019</b> , 29, 95-120	0.3	4
233	Computing the k-Crossing Visibility Region of a Point in a Polygon. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 10-21	0.9	
232	Hamiltonicity for Convex Shape Delaunay and Gabriel Graphs. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 196-210	0.9	
231	Reconstructing a Convex Polygon from Its ( $\omega$ )-cloud. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 25-37.9		
230	Maximum Plane Trees in Multipartite Geometric Graphs. <i>Algorithmica</i> , <b>2019</b> , 81, 1512-1534	0.9	2
229	Data Structures for Halfplane Proximity Queries and Incremental Voronoi Diagrams. <i>Algorithmica</i> , <b>2018</b> , 80, 3316-3334	0.9	2
228	Continuous Yao graphs. <i>Computational Geometry: Theory and Applications</i> , <b>2018</b> , 67, 42-52	0.4	1
227	Spanning Trees in Multipartite Geometric Graphs. <i>Algorithmica</i> , <b>2018</b> , 80, 3177-3191	0.9	2
226	Improved Spanning Ratio for Low Degree Plane Spanners. <i>Algorithmica</i> , <b>2018</b> , 80, 935-976	0.9	2
225	Plane Bichromatic Trees of Low Degree. <i>Discrete and Computational Geometry</i> , <b>2018</b> , 59, 864-885	0.6	3
224	Flipping edge-labelled triangulations. <i>Computational Geometry: Theory and Applications</i> , <b>2018</b> , 68, 309-326.4		8
223	Constrained generalized Delaunay graphs are plane spanners. <i>Computational Geometry: Theory and Applications</i> , <b>2018</b> , 74, 50-65	0.4	2
222	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. <i>Discrete and Computational Geometry</i> , <b>2017</b> , 58, 482-504	0.6	3

221	On the separation of a polyhedron from its single-part mold <b>2017</b> ,		1
220	A general framework for searching on a line. <i>Theoretical Computer Science</i> , <b>2017</b> , 703, 1-17	1.1	3
219	Constrained Routing Between Non-Visible Vertices. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 62-74	0.9	1
218	Local Routing in Spanners Based on WSPDs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 205-216	0.9	1
217	New Bounds for Facial Nonrepetitive Colouring. <i>Graphs and Combinatorics</i> , <b>2017</b> , 33, 817-832	0.5	2
216	Flips in edge-labelled pseudo-triangulations. <i>Computational Geometry: Theory and Applications</i> , <b>2017</b> , 60, 45-54	0.4	3
215	Competitive Online Routing on Delaunay Triangulations. <i>International Journal of Computational Geometry and Applications</i> , <b>2017</b> , 27, 241-253	0.3	1
214	Constrained Generalized Delaunay Graphs are Plane Spanners. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 281-293	0.4	1
213	Time-Space Trade-Off for Finding the k-Visibility Region of a Point in a Polygon. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 308-319	0.9	2
212	Maximum Plane Trees in Multipartite Geometric Graphs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 193-204	0.9	1
211	The Price of Order. <i>International Journal of Computational Geometry and Applications</i> , <b>2016</b> , 26, 135-149	0.3	1
210	A Linear-Time Algorithm for the Geodesic Center of a Simple Polygon. <i>Discrete and Computational Geometry</i> , <b>2016</b> , 56, 836-859	0.6	10
209	Towards tight bounds on theta-graphs: More is not always better. <i>Theoretical Computer Science</i> , <b>2016</b> , 616, 70-93	1.1	10
208	A General Framework for Searching on a Line. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 143-153	0.9	4
207	Essential Constraints of Edge-Constrained Proximity Graphs. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 55-67	0.9	
206	Plane Geodesic Spanning Trees, Hamiltonian Cycles, and Perfect Matchings in a Simple Polygon. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 56-71	0.9	
205	Plane Bichromatic Trees of Low Degree. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 68-80	0.9	2
204	Improved Spanning Ratio for Low Degree Plane Spanners. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 249-262		

203	Gabriel Triangulations and Angle-Monotone Graphs: Local Routing and Recognition. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 519-531	0.9	7
202	Plane geodesic spanning trees, Hamiltonian cycles, and perfect matchings in a simple polygon. <i>Computational Geometry: Theory and Applications</i> , <b>2016</b> , 57, 27-39	0.4	3
201	Biased Predecessor Search. <i>Algorithmica</i> , <b>2016</b> , 76, 1097-1105	0.9	1
200	The Power and Limitations of Static Binary Search Trees with Lazy Finger. <i>Algorithmica</i> , <b>2016</b> , 76, 1264-1275	0.4	3
199	Probing convex polygons with a wedge. <i>Computational Geometry: Theory and Applications</i> , <b>2016</b> , 58, 34-59	0.4	1
198	The $\mathbb{B}$ -graph is a spanner. <i>Computational Geometry: Theory and Applications</i> , <b>2015</b> , 48, 108-119	0.4	12
197	Optimal Local Routing on Delaunay Triangulations Defined by Empty Equilateral Triangles. <i>SIAM Journal on Computing</i> , <b>2015</b> , 44, 1626-1649	1.1	16
196	Searching on a line: A complete characterization of the optimal solution. <i>Theoretical Computer Science</i> , <b>2015</b> , 569, 24-42	1.1	11
195	Reprint of: Theta-3 is connected. <i>Computational Geometry: Theory and Applications</i> , <b>2015</b> , 48, 407-414	0.4	
194	Optimal Data Structures for Farthest-Point Queries in Cactus Networks. <i>Journal of Graph Algorithms and Applications</i> , <b>2015</b> , 19, 11-41	1.5	2
193	Local Routing in Convex Subdivisions. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 140-151	0.9	1
192	Upper and Lower Bounds for Online Routing on Delaunay Triangulations. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 203-214	0.9	2
191	Competitive Local Routing with Constraints. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 23-34	0.9	1
190	Making triangulations 4-connected using flips. <i>Computational Geometry: Theory and Applications</i> , <b>2014</b> , 47, 187-197	0.4	3
189	Surface roughness of rock faces through the curvature of triangulated meshes. <i>Computers and Geosciences</i> , <b>2014</b> , 70, 229-237	4.5	23
188	Triangulating and guarding realistic polygons. <i>Computational Geometry: Theory and Applications</i> , <b>2014</b> , 47, 296-306	0.4	
187	Theta-3 is connected. <i>Computational Geometry: Theory and Applications</i> , <b>2014</b> , 47, 910-917	0.4	9
186	A General Framework to Generate Sizing Systems from 3D Motion Data Applied to Face Mask Design <b>2014</b> ,		2

185	New and Improved Spanning Ratios for Yao Graphs <b>2014</b> ,		8
184	Visual enhancement of 3D images of rock faces for fracture mapping. <i>International Journal of Rock Mechanics and Minings Sciences</i> , <b>2014</b> , 72, 325-335	6	13
183	Upper Bounds on the Spanning Ratio of Constrained Theta-Graphs. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 108-119	0.9	5
182	Minimum-area enclosing triangle with a fixed angle. <i>Computational Geometry: Theory and Applications</i> , <b>2014</b> , 47, 90-109	0.4	4
181	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. <i>Algorithmica</i> , <b>2014</b> , 69, 397-409	0.9	6
180	Competitive Online Routing on Delaunay Triangulations. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 98-109	0.9	3
179	Optimal Algorithms for Constrained 1-Center Problems. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 84-95	0.9	3
178	Biased Predecessor Search. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 755-764	0.9	
177	The Power and Limitations of Static Binary Search Trees with Lazy Finger. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 181-192	0.9	2
176	The Price of Order. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 313-325	0.9	
175	Coverage with k-transmitters in the presence of obstacles. <i>Journal of Combinatorial Optimization</i> , <b>2013</b> , 25, 208-233	0.9	8
174	Isoperimetric triangular enclosures with a fixed angle. <i>Journal of Geometry</i> , <b>2013</b> , 104, 229-255	0.4	1
173	Bounding the locality of distributed routing algorithms. <i>Distributed Computing</i> , <b>2013</b> , 26, 39-58	1.2	8
172	Stable Roommates Spanner. <i>Computational Geometry: Theory and Applications</i> , <b>2013</b> , 46, 120-130	0.4	6
171	Fast local searches and updates in bounded universes. <i>Computational Geometry: Theory and Applications</i> , <b>2013</b> , 46, 181-189	0.4	4
170	On plane geometric spanners: A survey and open problems. <i>Computational Geometry: Theory and Applications</i> , <b>2013</b> , 46, 818-830	0.4	35
169	Some properties of k-Delaunay and k-Gabriel graphs. <i>Computational Geometry: Theory and Applications</i> , <b>2013</b> , 46, 131-139	0.4	10
168	Robust geometric spanners <b>2013</b> ,		1

167	On the Stretch Factor of the Theta-4 Graph. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 109-120	0.9	8
166	Robust Geometric Spanners. <i>SIAM Journal on Computing</i> , <b>2013</b> , 42, 1720-1736	1.1	1
165	On the Spanning Ratio of Theta-Graphs. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 182-194	0.9	5
164	A History of Distribution-Sensitive Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 133-149	0.9	2
163	Revisiting the Problem of Searching on a Line. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 205-216	0.9	13
162	The $\mathbb{B}$ -Graph is a Spanner. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 100-114	0.9	2
161	A distribution-sensitive dictionary with low space overhead. <i>Journal of Discrete Algorithms</i> , <b>2012</b> , 10, 140-145		
160	Skip lift: A probabilistic alternative to redBlack trees. <i>Journal of Discrete Algorithms</i> , <b>2012</b> , 14, 13-20		2
159	Layered Working-Set Trees. <i>Algorithmica</i> , <b>2012</b> , 63, 476-489	0.9	3
158	On bounded degree plane strong geometric spanners. <i>Journal of Discrete Algorithms</i> , <b>2012</b> , 15, 16-31		14
157	Competitive Routing in the Half- $\mathbb{B}$ -Graph <b>2012</b> ,		11
156	Succinct geometric indexes supporting point location queries. <i>ACM Transactions on Algorithms</i> , <b>2012</b> , 8, 1-26	1.2	3
155	$\mathbb{B}$ -ANGLE YAO GRAPHS ARE SPANNERS. <i>International Journal of Computational Geometry and Applications</i> , <b>2012</b> , 22, 61-82	0.3	20
154	On Plane Constrained Bounded-Degree Spanners. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 85-96	0.9	8
153	PROXIMITY GRAPHS: E, $\mathbb{B}$ AND $\mathbb{B}$ <i>International Journal of Computational Geometry and Applications</i> , <b>2012</b> , 22, 439-469	0.3	14
152	Automatically Creating Design Models From 3D Anthropometry Data. <i>Journal of Computing and Information Science in Engineering</i> , <b>2012</b> , 12,	2.4	10
151	A History of Flips in Combinatorial Triangulations. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 29-44	0.9	4
150	De-amortizing Binary Search Trees. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 121-132	0.9	2

149	Location-Oblivious Distributed Unit Disk Graph Coloring. <i>Algorithmica</i> , <b>2011</b> , 60, 236-249	0.9	
148	Every Large Point Set contains Many Collinear Points or an Empty Pentagon. <i>Graphs and Combinatorics</i> , <b>2011</b> , 27, 47-60	0.5	8
147	A generalized Winternitz Theorem. <i>Journal of Geometry</i> , <b>2011</b> , 100, 29-35	0.4	4
146	A note on the perimeter of fat objects. <i>Computational Geometry: Theory and Applications</i> , <b>2011</b> , 44, 1-8	0.4	2
145	A survey of geodesic paths on 3D surfaces. <i>Computational Geometry: Theory and Applications</i> , <b>2011</b> , 44, 486-498	0.4	38
144	Almost all Delaunay triangulations have stretch factor greater than . <i>Computational Geometry: Theory and Applications</i> , <b>2011</b> , 44, 121-127	0.4	20
143	On a family of strong geometric spanners that admit local routing strategies. <i>Computational Geometry: Theory and Applications</i> , <b>2011</b> , 44, 319-328	0.4	
142	Spanners of additively weighted point sets. <i>Journal of Discrete Algorithms</i> , <b>2011</b> , 9, 287-298		2
141	ON COMPUTING ENCLOSING ISOSCELES TRIANGLES AND RELATED PROBLEMS. <i>International Journal of Computational Geometry and Applications</i> , <b>2011</b> , 21, 25-45	0.3	7
140	COMPUTING SIGNED PERMUTATIONS OF POLYGONS. <i>International Journal of Computational Geometry and Applications</i> , <b>2011</b> , 21, 87-100	0.3	1
139	Switching to Directional Antennas with Constant Increase in Radius and Hop Distance. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 134-146	0.9	13
138	Common Unfoldings of Polyominoes and Polycubes. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 44-54	0.9	7
137	Skip Lift: A Probabilistic Alternative to Red-Black Trees. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 226-237	0.9	
136	FILLING HOLES IN TRIANGULAR MESHES USING DIGITAL IMAGES BY CURVE UNFOLDING. <i>International Journal of Shape Modeling</i> , <b>2010</b> , 16, 151-171		2
135	MORPHING OF TRIANGULAR MESHES IN SHAPE SPACE. <i>International Journal of Shape Modeling</i> , <b>2010</b> , 16, 195-212		2
134	Global Context Descriptors for SURF and MSER Feature Descriptors <b>2010</b> ,		4
133	Computing the Greedy Spanner in Near-Quadratic Time. <i>Algorithmica</i> , <b>2010</b> , 58, 711-729	0.9	14
132	Sigma-local graphs. <i>Journal of Discrete Algorithms</i> , <b>2010</b> , 8, 15-23		4



131	Communication-Efficient Construction of the Plane Localized Delaunay Graph. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 282-293	0.9	2
130	Improved Methods For Generating Quasi-gray Codes. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 224-235	0.9	4
129	$\sqrt{2}$ -Angle Yao Graphs Are Spanners. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 446-457	0.9	6
128	Coverage with k-Transmitters in the Presence of Obstacles. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 1-15	0.9	2
127	An O(log log n)-Competitive Binary Search Tree with Optimal Worst-Case Access Times. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 38-49	0.9	5
126	Should Static Search Trees Ever Be Unbalanced?. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 109-120	0.9	2
125	Layered Working-Set Trees. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 686-696	0.9	2
124	Posture invariant correspondence of triangular meshes in shape space <b>2009</b> ,		5
123	DELAUNAY AND DIAMOND TRIANGULATIONS CONTAIN SPANNERS OF BOUNDED DEGREE. <i>International Journal of Computational Geometry and Applications</i> , <b>2009</b> , 19, 119-140	0.3	18
122	ON STRUCTURAL AND GRAPH THEORETIC PROPERTIES OF HIGHER ORDER DELAUNAY GRAPHS. <i>International Journal of Computational Geometry and Applications</i> , <b>2009</b> , 19, 595-615	0.3	23
121	A note on the lower bound of edge guards of polyhedral terrains. <i>International Journal of Computer Mathematics</i> , <b>2009</b> , 86, 577-583	1.2	1
120	Bounding the locality of distributed routing algorithms <b>2009</b> ,		4
119	Clamshell Casting. <i>Algorithmica</i> , <b>2009</b> , 55, 666-702	0.9	
118	A Polynomial Bound for Untangling Geometric Planar Graphs. <i>Discrete and Computational Geometry</i> , <b>2009</b> , 42, 570-585	0.6	12
117	Traversing a Set of Points with a Minimum Number of Turns. <i>Discrete and Computational Geometry</i> , <b>2009</b> , 41, 513-532	0.6	12
116	Connectivity-preserving transformations of binary images. <i>Computer Vision and Image Understanding</i> , <b>2009</b> , 113, 1027-1038	4.3	2
115	Augmented reality on cloth with realistic illumination. <i>Machine Vision and Applications</i> , <b>2009</b> , 20, 85-92	2.8	10
114	Algorithms for optimal outlier removal. <i>Journal of Discrete Algorithms</i> , <b>2009</b> , 7, 239-248		16

113	Rotationally monotone polygons. <i>Computational Geometry: Theory and Applications</i> , <b>2009</b> , 42, 471-483	0.4	
112	Flips in planar graphs. <i>Computational Geometry: Theory and Applications</i> , <b>2009</b> , 42, 60-80	0.4	52
111	Geometric spanners with small chromatic number. <i>Computational Geometry: Theory and Applications</i> , <b>2009</b> , 42, 134-146	0.4	4
110	A linear-space algorithm for distance preserving graph embedding. <i>Computational Geometry: Theory and Applications</i> , <b>2009</b> , 42, 289-304	0.4	6
109	Filling holes in triangular meshes by curve unfolding <b>2009</b> ,		15
108	Spanners of Complete k-Partite Geometric Graphs. <i>SIAM Journal on Computing</i> , <b>2009</b> , 38, 1803-1820	1.1	
107	A Distribution-Sensitive Dictionary with Low Space Overhead. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 110-118	0.9	2
106	Efficient Construction of Near-Optimal Binary and Multiway Search Trees. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 230-241	0.9	5
105	Succinct Orthogonal Range Search Structures on a Grid with Applications to Text Indexing. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 98-109	0.9	41
104	On local transformations in plane geometric graphs embedded on small grids. <i>Computational Geometry: Theory and Applications</i> , <b>2008</b> , 39, 65-77	0.4	1
103	On the false-positive rate of Bloom filters. <i>Information Processing Letters</i> , <b>2008</b> , 108, 210-213	0.8	84
102	A Characterization of the degree sequences of 2-trees. <i>Journal of Graph Theory</i> , <b>2008</b> , 58, 191-209	0.8	7
101	A Polynomial Bound for Untangling Geometric Planar Graphs. <i>Electronic Notes in Discrete Mathematics</i> , <b>2008</b> , 31, 213-218	0.3	
100	Coarse grained parallel algorithms for graph matching. <i>Parallel Computing</i> , <b>2008</b> , 34, 47-62	1	5
99	Geometric Spanners with Small Chromatic Number <b>2008</b> , 75-88		
98	Spanners of Complete k-Partite Geometric Graphs <b>2008</b> , 170-181		1
97	On the Stretch Factor of Convex Delaunay Graphs. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 656-667	0.9	4
96	Spanners of Additively Weighted Point Sets. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 367-377	0.9	6

95	Computing the Greedy Spanner in Near-Quadratic Time. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 390-401.	0.9	3
94	Simultaneous diagonal flips in plane triangulations. <i>Journal of Graph Theory</i> , <b>2007</b> , 54, 307-330	0.8	12
93	Space-efficient geometric divide-and-conquer algorithms. <i>Computational Geometry: Theory and Applications</i> , <b>2007</b> , 37, 209-227	0.4	23
92	On the stabbing number of a random Delaunay triangulation. <i>Computational Geometry: Theory and Applications</i> , <b>2007</b> , 36, 89-105	0.4	12
91	Reconfiguring Triangulations with Edge Flips and Point Moves. <i>Algorithmica</i> , <b>2007</b> , 47, 367-378	0.9	2
90	Geodesic Ham-Sandwich Cuts. <i>Discrete and Computational Geometry</i> , <b>2007</b> , 37, 325-339	0.6	9
89	A GENERAL APPROXIMATION ALGORITHM FOR PLANAR MAPS WITH APPLICATIONS. <i>International Journal of Computational Geometry and Applications</i> , <b>2007</b> , 17, 529-554	0.3	1
88	Algorithms for Designing Clamshell Molds. <i>Computer-Aided Design and Applications</i> , <b>2007</b> , 4, 1-10	1.4	2
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65	Reconfiguring Triangulations with Edge Flips and Point Moves. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 1-11	0.9	1
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52	Asymmetric Communication Protocols via Hotlink Assignments. <i>Theory of Computing Systems</i> , <b>2003</b> , 36, 655-661	0.6	7
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49	Worst-case-optimal algorithms for guarding planar graphs and polyhedral surfaces. <i>Computational Geometry: Theory and Applications</i> , <b>2003</b> , 26, 209-219	0.4	25
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34	Every Set of Disjoint Line Segments Admits a Binary Tree. <i>Discrete and Computational Geometry</i> , <b>2001</b> , 26, 387-410	0.6	18
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28	Algorithms for Packing Two Circles in a Convex Polygon. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 93-103	0.9	2
27	Strategies for Hotlink Assignments. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 23-34	0.9	17
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23	Testing the Quality of Manufactured Balls. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 145-156	0.9	2
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15	On rectangle visibility graphs. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 25-44	0.9	7
14	The Floodlight Problem. <i>International Journal of Computational Geometry and Applications</i> , <b>1997</b> , 07, 153-163	0.3	21
13	Characterizing and efficiently computing quadrangulations of planar point sets. <i>Computer Aided Geometric Design</i> , <b>1997</b> , 14, 763-785	1.2	13
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6	Proximity constraints and representable trees (extended abstract). <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 340-351	0.9	10

5	Geometric and computational aspects of manufacturing processes. <i>Computers and Graphics</i> , <b>1994</b> , 18, 487-497	1.8	8
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2	Bounded-Angle Minimum Spanning Trees. <i>Algorithmica</i> ,1	0.9	0
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