Joseph O'Rourke

List of Publications by Year
in descending order

61 papers	352 citations	933410 10 h-index	888047 17 g-index
61 all docs	61 docs citations	61 times ranked	173 citing authors

#	Article	IF	Citations
1	Simple Closed Quasigeodesics on Tetrahedra. Information (Switzerland), 2022, 13, 238.	2.9	3
2	Unfolding Genus-2 Orthogonal Polyhedra with Linear Refinement. Graphs and Combinatorics, 2017, 33, 1357-1379.	0.4	8
3	Continuously Flattening Polyhedra Using Straight Skeletons. , 2014, , .		11
4	New and Improved Spanning Ratios for Yao Graphs. , 2014, , .		8
5	Ï€/2-ANGLE YAO GRAPHS ARE SPANNERS. International Journal of Computational Geometry and Applications, 2012, 22, 61-82.	0.5	23
6	Continuous Blooming of Convex Polyhedra. Graphs and Combinatorics, 2011, 27, 363-376.	0.4	9
7	Connecting Polygonizations via Stretches and Twangs. Theory of Computing Systems, 2010, 47, 674-695.	1.1	1
8	Star Unfolding Convex Polyhedra viaÂQuasigeodesicÂLoops. Discrete and Computational Geometry, 2010, 44, 35-54.	0.6	11
9	COMPUTATIONAL GEOMETRY COLUMN 48. International Journal of Computational Geometry and Applications, 2007, 17, 397-399.	0.5	1
10	Epsilon-Unfolding Orthogonal Polyhedra. Graphs and Combinatorics, 2007, 23, 179-194.	0.4	15
11	Geometric Restrictions on Producible Polygonal Protein Chains. Algorithmica, 2006, 44, 167-181.	1.3	2
12	COMPUTATIONAL GEOMETRY COLUMN 47. International Journal of Computational Geometry and Applications, 2006, 16, 373-375.	0.5	0
13	COMPUTATIONAL GEOMETRY COLUMN 46. International Journal of Computational Geometry and Applications, 2004, 14, 475-478.	0.5	1
14	COMPUTATIONAL GEOMETRY COLUMN 45. International Journal of Computational Geometry and Applications, 2004, 14, 227-229.	0.5	2
15	Computational Geometry Column 44. International Journal of Computational Geometry and Applications, 2003, 13, 273-275.	0.5	2
16	COMPUTATIONAL GEOMETRY COLUMN 43. International Journal of Computational Geometry and Applications, 2002, 12, 263-265.	0.5	1
17	Enumerating Foldings and Unfoldings Between Polygons and Polytopes. Graphs and Combinatorics, 2002, 18, 93-104.	0.4	12
18	COMPUTATIONAL GEOMETRY COLUMN 42. International Journal of Computational Geometry and Applications, 2001, 11, 573-582.	0.5	14

#	ARTICLE	IF	CITATIONS
19	COMPUTATIONAL GEOMETRY COLUMN 38. International Journal of Computational Geometry and Applications, 2000, 10, 221-223.	0.5	2
20	COMPUTATIONAL GEOMETRY COLUMN 40. International Journal of Computational Geometry and Applications, 2000, 10, 649-651.	0.5	1
21	COMPUTATIONAL GEOMETRY COLUMN 39. International Journal of Computational Geometry and Applications, 2000, 10, 441-444.	0.5	1
22	COMPUTATIONAL GEOMETRY COLUMN 37. International Journal of Computational Geometry and Applications, 2000, 10, 103-107.	0.5	0
23	Computational geometry column 40. ACM SIGACT News, 2000, 31, 62-73.	0.1	0
24	COMPUTATIONAL GEOMETRY COLUMN 36. International Journal of Computational Geometry and Applications, 1999, 09, 615-618.	0.5	0
25	COMPUTATIONAL GEOMETRY COLUMN 35. International Journal of Computational Geometry and Applications, 1999, 09, 513-515.	0.5	8
26	Computational Geometry Column 34. International Journal of Computational Geometry and Applications, 1998, 08, 637-642.	0.5	0
27	Computational Geometry Column 33. International Journal of Computational Geometry and Applications, 1998, 08, 381-384.	0.5	1
28	Computational Geometry Column 32. International Journal of Computational Geometry and Applications, 1997, 07, 509-513.	0.5	0
29	Computational Geometry Column 30. International Journal of Computational Geometry and Applications, 1997, 07, 165-166.	0.5	0
30	Computational Geometry Column 31. International Journal of Computational Geometry and Applications, 1997, 07, 379-382.	0.5	1
31	Star Unfolding of a Polytope with Applications. SIAM Journal on Computing, 1997, 26, 1689-1713.	1.0	59
32	Computational geometry column 31. ACM SIGACT News, 1997, 28, 20-23.	0.1	0
33	Computational Geometry Column 30. ACM SIGACT News, 1997, 28, 7.	0.1	0
34	COMPUTATIONAL GEOMETRY COLUMN 27. International Journal of Computational Geometry and Applications, 1996, 06, 123-125.	0.5	0
35	ON RECONSTRUCTING POLYHEDRA FROM PARALLEL SLICES. International Journal of Computational Geometry and Applications, 1996, 06, 103-122.	0.5	22
36	COMPUTATIONAL GEOMETRY COLUMN 28. International Journal of Computational Geometry and Applications, 1996, 06, 243-244.	0.5	1

#	Article	IF	Citations
37	COMPUTATIONAL GEOMETRY COLUMN 29. International Journal of Computational Geometry and Applications, 1996, 06, 507-511.	0.5	2
38	Computational Geometry Column 29. ACM SIGACT News, 1996, 27, 55-59.	0.1	0
39	Computational geometry column 27. ACM SIGACT News, 1995, 26, 19-21.	0.1	0
40	Computational geometry column 26. ACM SIGACT News, 1995, 26, 15-17.	0.1	3
41	Computational geometry. ACM SIGACT News, 1995, 26, 14-16.	0.1	2
42	Computational geometry. ACM SIGACT News, 1994, 25, 31-33.	0.1	10
43	COMPUTATIONAL GEOMETRY COLUMN 23. International Journal of Computational Geometry and Applications, 1994, 04, 239-242.	0.5	6
44	COMPUTATIONAL GEOMETRY COLUMN 22. International Journal of Computational Geometry and Applications, 1994, 04, 119-122.	0.5	3
45	COMPUTATIONAL GEOMETRY COLUMN 24. International Journal of Computational Geometry and Applications, 1994, 04, 363-366.	0.5	0
46	Computational Geometry Column 24. ACM SIGACT News, 1994, 25, 12-14.	0.1	0
47	COMPUTATIONAL GEOMETRY COLUMN 21. International Journal of Computational Geometry and Applications, 1993, 03, 463-465.	0.5	0
48	COMPUTATIONAL GEOMETRY COLUMN 18. International Journal of Computational Geometry and Applications, 1993, 03, 107-113.	0.5	14
49	Computational Geometry Column 19. International Journal of Computational Geometry and Applications, 1993, 03, 221-224.	0.5	1
50	COMPUTATIONAL GEOMETRY COLUMN 20. International Journal of Computational Geometry and Applications, 1993, 03, 347-349.	0.5	0
51	COMPUTATIONAL GEOMETRY COLUMN 17. International Journal of Computational Geometry and Applications, 1992, 02, 443-447.	0.5	0
52	COMPUTATIONAL GEOMETRY COLUMN 16. International Journal of Computational Geometry and Applications, 1992, 02, 335-339.	0.5	1
53	COMPUTATIONAL GEOMETRY COLUMN 15. International Journal of Computational Geometry and Applications, 1992, 02, 215-217.	0.5	29
54	Nonoverlap of the star unfolding. Discrete and Computational Geometry, 1992, 8, 219-250.	0.6	42

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55	COMPUTATIONAL GEOMETRY COLUMN 14. International Journal of Computational Geometry and Applications, 1991, 01, 517-522.	0.5	0
56	COMPUTATIONAL GEOMETRY COLUMN 12. International Journal of Computational Geometry and Applications, 1991, 01, 197-200.	0.5	0
57	COMPUTATIONAL GEOMETRY COLUMN 13. International Journal of Computational Geometry and Applications, 1991, 01, 341-343.	0.5	0
58	Computational geometry column 9. ACM SIGACT News, 1990, 21, 18.	0.1	10
59	Computational geometry column. ACM SIGACT News, 1989, 20, 10-11.	0.1	2
60	Computational geometry column. ACM SIGACT News, 1989, 20, 25-26.	0.1	0
61	Computational geometry column. ACM SIGACT News, 1988, 19, 21-26.	0.1	7