Sunil Arya

List of Publications by Year
in descending order

11 papers	2,121 citations	1306789 7 h-index	1473754 9 g-index
11 all docs	11 docs citations	11 times ranked	1675 citing authors

#	Article	IF	Citations
1	An optimal algorithm for approximate nearest neighbor searching fixed dimensions. Journal of the ACM, 1998, 45, 891-923.	1.8	1,875
2	Space-time tradeoffs for approximate nearest neighbor searching. Journal of the ACM, 2009, 57, 1-54.	1.8	88
3	Approximate range searchingâ˜†â˜†A preliminary version of this paper appeared in the Proc. of the 11th Annual ACM Symp. on Computational Geometry, 1995, pp.Â172â€"181.. Computational Geometry: Theory and Applications, 2000, 17, 135-152.	0.3	85
4	APPROXIMATION ALGORITHM FOR MULTIPLE-TOOL MILLING. International Journal of Computational Geometry and Applications, 2001, 11, 339-372.	0.3	24
5	The Effect of Corners on the Complexity ofÂApproximate Range Searching. Discrete and Computational Geometry, 2009, 41, 398-443.	0.4	14
6	Tight Lower Bounds for Halfspace Range Searching. Discrete and Computational Geometry, 2012, 47, 711-730.	0.4	8
7	On the Combinatorial Complexity of Approximating Polytopes. Discrete and Computational Geometry, 2017, 58, 849-870.	0.4	8
8	Approximate polytope membership queries. , 2011, , .		6
9	Tradeoffs in Approximate Range Searching Made Simpler. , 2008, , .		5
10	A Unified Approach to Approximate Proximity Searching. Lecture Notes in Computer Science, 2010, , 374-385.	1.0	5
11	Approximate Polytope Membership Queries. SIAM Journal on Computing, 2018, 47, 1-51.	0.8	3