

# Peyman Afshani

## List of Publications by Year in descending order

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12  
papers

139  
citations

1684188

5  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Deterministic Shallow Cuttings for 3-d Dominance Ranges. <i>Algorithmica</i> , 2018, 80, 3192-3206.	1.3	1
2	IMPROVED POINTER MACHINE AND I/O LOWER BOUNDS FOR SIMPLEX RANGE REPORTING AND RELATED PROBLEMS. <i>International Journal of Computational Geometry and Applications</i> , 2013, 23, 233-251.	0.5	5
3	Cache-Oblivious Range Reporting with Optimal Queries Requires Superlinear Space. <i>Discrete and Computational Geometry</i> , 2011, 45, 824-850.	0.6	3
4	A general approach for cache-oblivious range reporting and approximate range counting. <i>Computational Geometry: Theory and Applications</i> , 2010, 43, 700-712.	0.5	9
5	A general approach for cache-oblivious range reporting and approximate range counting. , 2009, , .		2
6	Cache-oblivious range reporting with optimal queries requires superlinear space. , 2009, , .		8
7	Dynamic Connectivity for Axis-Parallel Rectangles. <i>Algorithmica</i> , 2009, 53, 474-487.	1.3	2
8	On Approximate Range Counting and Depth. <i>Discrete and Computational Geometry</i> , 2009, 42, 3-21.	0.6	15
9	Orthogonal Range Reporting in Three and Higher Dimensions. , 2009, , .		23
10	Optimal Halfspace Range Reporting in Three Dimensions. , 2009, , .		22
11	On Dominance Reporting in 3D. <i>Lecture Notes in Computer Science</i> , 2008, , 41-51.	1.3	37
12	Circular chromatic index of graphs of maximum degree 3. <i>Journal of Graph Theory</i> , 2005, 49, 325-335.	0.9	12