Esther Ezra

List of Publications by Year
in descending order

21 papers	295 citations	1163117 8 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	151 citing authors

#	ARTICLE	IF	CITATIONS
1	Counting and Cutting Rich Lenses in Arrangements of Circles. SIAM Journal on Discrete Mathematics, 2022, 36, 958-974.	0.8	0
2	On pseudo-disk hypergraphs. Computational Geometry: Theory and Applications, 2021, 92, 101687.	0.5	6
3	On 3SUM-hard Problems in the Decision Tree Model. Lecture Notes in Computer Science, 2021, , 178-188.	1.3	0
4	Efficient Algorithm for Generalized Polynomial Partitioning and Its Applications. SIAM Journal on Computing, 2021, 50, 760-787.	1.0	9
5	Decomposing Arrangements of Hyperplanes: VC-Dimension, Combinatorial Dimension, and Point Location. Discrete and Computational Geometry, 2020, 64, 109-173.	0.6	20
6	Constructive Polynomial Partitioning for Algebraic Curves in $\mathbb{R}^3$ with Applications. SIAM Journal on Computing, 2020, 49, 1109-1127.	1.0	3
7	A Nearly Quadratic Bound for Point-Location in Hyperplane Arrangements, in the Linear Decision Tree Model. Discrete and Computational Geometry, 2019, 61, 735-755.	0.6	7
8	On the Beckâ€Fiala conjecture for random set systems. Random Structures and Algorithms, 2019, 54, 665-675.	1.1	3
9	A Size-Sensitive Discrepancy Bound for Set Systems of Bounded Primal Shatter Dimension. SIAM Journal on Computing, 2016, 45, 84-101.	1.0	19
10	Two Proofs for Shallow Packings. Discrete and Computational Geometry, 2016, 56, 910-939.	0.6	20
11	Improved Bounds for the Union of Locally Fat Objects in the Plane. SIAM Journal on Computing, 2014, 43, 543-572.	1.0	34
12	Convex hull of points lying on lines in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>o</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mi> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (mathvariant="normal">log< and Applications, 2013, 46, 417-434.	0.5	7
13	Near-Linear Approximation Algorithms for Geometric Hitting Sets. Algorithmica, 2012, 63, 1-25.	1.3	14
14	On the Union of Cylinders in Three Dimensions. Discrete and Computational Geometry, 2011, 45, 45-64.	0.6	3
15	A note about weak μ-nets for axis-parallel boxes in d-space. Information Processing Letters, 2010, 110, 835-840.	0.6	5
16	Small-Size eps-Nets for Axis-Parallel Rectangles and Boxes. SIAM Journal on Computing, 2010, 39, 3248-3282.	1.0	86
17	On Regular Vertices of the Union of Planar Convex Objects. Discrete and Computational Geometry, 2009, 41, 216-231.	0.6	4
18	On the performance of the ICP algorithm. Computational Geometry: Theory and Applications, 2008, 41, 77-93.	0.5	38

#	Article	IF	Citations
19	A Single Cell in an Arrangement of Convex Polyhedra in ${Bbb R}^3$. Discrete and Computational Geometry, 2007, 37, 21-41.	0.6	5
20	Counting and representing intersections among triangles in three dimensions. Computational Geometry: Theory and Applications, 2005, 32, 196-215.	0.5	11
21	Output-Sensitive Construction of the Union of Triangles. SIAM Journal on Computing, 2005, 34, 1331-1351.	1.0	1