

# Cynthia Vinzant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10818661/publications.pdf>

Version: 2024-02-01

16  
papers

357  
citations

1307594

7  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

207  
citing authors

#	ARTICLE	IF	CITATIONS
1	An algebraic characterization of injectivity in phase retrieval. Applied and Computational Harmonic Analysis, 2015, 38, 346-356.	2.2	128
2	Quartic curves and their bitangents. Journal of Symbolic Computation, 2011, 46, 712-733.	0.8	42
3	Determinantal representations of hyperbolic plane curves: An elementary approach. Journal of Symbolic Computation, 2013, 57, 48-60.	0.8	40
4	Hyperbolic polynomials, interlacers, and sums of squares. Mathematical Programming, 2015, 153, 223-245.	2.4	24
5	The entropic discriminant. Advances in Mathematics, 2013, 244, 678-707.	1.1	22
6	A small frame and a certificate of its injectivity. , 2015, , .		21
7	The Central Curve in Linear Programming. Foundations of Computational Mathematics, 2012, 12, 509-540.	2.5	19
8	Quartic spectrahedra. Mathematical Programming, 2015, 151, 585-612.	2.4	15
9	Computing Linear Matrix Representations of Helton-Vinnikov Curves. , 2012, , 259-277.		14
10	Log-concave polynomials, I: Entropy and a deterministic approximation algorithm for counting bases of matroids. Duke Mathematical Journal, 2021, 170, .	1.5	9
11	Edges of the Barvinok-Novik Orbitope. Discrete and Computational Geometry, 2011, 46, 479-487.	0.6	7
12	Real radical initial ideals. Journal of Algebra, 2012, 352, 392-407.	0.7	6
13	Computing Hermitian determinantal representations of hyperbolic curves. International Journal of Algebra and Computation, 2015, 25, 1327-1336.	0.5	5
14	The Chow Form of a Reciprocal Linear Space. Michigan Mathematical Journal, 2019, 68, .	0.4	5
15	Mini-Workshop: Algebraic, Geometric, and Combinatorial Methods in Frame Theory. Oberwolfach Reports, 2018, 15, 2769-2803.	0.0	0
16	Computing complex and real tropical curves using monodromy. Journal of Pure and Applied Algebra, 2019, 223, 5232-5250.	0.6	0