

Thomas Kahle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8833159/publications.pdf>

Version: 2024-02-01

32
papers

355
citations

1040056

9
h-index

839539

18
g-index

33
all docs

33
docs citations

33
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	The geometry of Gaussian double Markovian distributions. <i>Scandinavian Journal of Statistics</i> , 2023, 50, 665-696.	1.4	1
2	Invariant Chains in Algebra and Discrete Geometry. <i>SIAM Journal on Discrete Mathematics</i> , 2022, 36, 975-999.	0.8	2
3	Hilbert's Poincaré series of parity binomial edge ideals and permanental ideals of complete graphs. <i>Collectanea Mathematica</i> , 2021, 72, 471-479.	0.9	1
4	Pi ist genau 3. <i>Mitteilungen Der Deutschen Mathematiker-Vereinigung</i> , 2021, 29, 28-29.	0.0	0
5	The semialgebraic geometry of saturated optimal designs for the Bradley-Terry model. <i>Algebraic Statistics</i> , 2021, 12, 97-114.	0.5	0
6	Geometrie optimaler Versuchspläne. <i>Mitteilungen Der Deutschen Mathematiker-Vereinigung</i> , 2020, 28, 71-76.	0.0	1
7	Multistationarity in the Space of Total Concentrations for Systems that Admit a Monomial Parametrization. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 4174-4209.	1.9	12
8	Counting inversions and descents of random elements in finite Coxeter groups. <i>Mathematics of Computation</i> , 2019, 89, 437-464.	2.1	9
9	Linear syzygies, hyperbolic Coxeter groups and regularity. <i>Compositio Mathematica</i> , 2019, 155, 1076-1097.	0.8	3
10	The Geometry of Gaussoids. <i>Foundations of Computational Mathematics</i> , 2019, 19, 775-812.	2.5	8
11	Obstructions to Combinatorial Formulas for Plethysm. <i>Electronic Journal of Combinatorics</i> , 2018, 25, .	0.4	2
12	The Geometry of Rank-One Tensor Completion. <i>SIAM Journal on Applied Algebra and Geometry</i> , 2017, 1, 200-221.	1.4	5
13	Finding binomials in polynomial ideals. <i>Research in Mathematical Sciences</i> , 2017, 4, 1.	1.0	5
14	Irreducible decomposition of binomial ideals. <i>Compositio Mathematica</i> , 2016, 152, 1319-1332.	0.8	7
15	Plethysm and Lattice Point Counting. <i>Foundations of Computational Mathematics</i> , 2016, 16, 1241-1261.	2.5	7
16	Parity binomial edge ideals. <i>Journal of Algebraic Combinatorics</i> , 2016, 44, 99-117.	0.8	13
17	Eigschemes and the Jordan canonical form. <i>Linear Algebra and Its Applications</i> , 2016, 496, 121-151.	0.9	7
18	Linear syzygies, flag complexes, and regularity. <i>Collectanea Mathematica</i> , 2016, 67, 357-362.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Algebraic geometry of Poisson regression. <i>Journal of Algebraic Statistics</i> , 2016, 7, .	0.6	3
20	On the Feasibility of Semi-algebraic Sets in Poisson Regression. <i>Lecture Notes in Computer Science</i> , 2016, , 142-147.	1.3	0
21	Detecting binomiality. <i>Advances in Applied Mathematics</i> , 2015, 71, 52-67.	0.7	12
22	Decompositions of commutative monoid congruences and binomial ideals. <i>Algebra and Number Theory</i> , 2014, 8, 1297-1364.	0.6	23
23	Equivariant lattice generators and Markov bases. , 2014, , .		4
24	Multigraded commutative algebra of graph decompositions. <i>Journal of Algebraic Combinatorics</i> , 2014, 39, 335-372.	0.8	14
25	Generic and special constructions of pure $\langle i \rangle$ -sequences. <i>Bulletin of the London Mathematical Society</i> , 2014, 46, 924-942.	0.8	5
26	Toric fiber products versus Segre products. <i>Abhandlungen Aus Dem Mathematischen Seminar Der Universitat Hamburg</i> , 2014, 84, 187-201.	0.2	3
27	Positive margins and primary decomposition. <i>Journal of Commutative Algebra</i> , 2014, 6, .	0.3	8
28	Decompositions of binomial ideals. <i>The Journal of Software For Algebra and Geometry: Macaulay2</i> , 2012, 4, 1-5.	0.6	15
29	Support sets in exponential families and oriented matroid theory. <i>International Journal of Approximate Reasoning</i> , 2011, 52, 613-626.	3.3	15
30	Quantifying structure in networks. <i>European Physical Journal B</i> , 2010, 77, 239-247.	1.5	10
31	Decompositions of binomial ideals. <i>Annals of the Institute of Statistical Mathematics</i> , 2010, 62, 727-745.	0.8	16
32	Binomial edge ideals and conditional independence statements. <i>Advances in Applied Mathematics</i> , 2010, 45, 317-333.	0.7	138