Thomas Markwig

List of Publications by Year
in descending order

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15 papers	118 citations	1478505 6 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	53 citing authors

#	Article	IF	Citations
1	Computing Tropical Varieties Over Fields with Valuation. Foundations of Computational Mathematics, 2020, 20, 783-800.	2.5	7
2	Enumeration of complex and real surfaces via tropical geometry. Advances in Geometry, 2018, 18, 69-100.	0.4	7
3	GrÃ¶bner fans of x-homogeneous ideals in Rã€štã€›[x]. Journal of Symbolic Computation, 2017, 83, 315-341.	0.8	2
4	Standard bases in mixed power series and polynomial rings over rings. Journal of Symbolic Computation, 2017, 79, 119-139.	0.8	5
5	Tropical Surface Singularities. Discrete and Computational Geometry, 2012, 48, 879.	0.6	4
6	Invariants of hypersurface singularities in positive characteristic. Revista Matematica Complutense, 2012, 25, 61-85.	1.2	21
7	Tropical curves with a singularity in a fixed point. Manuscripta Mathematica, 2012, 137, 383-418.	0.6	9
8	Triple-point defective surfaces. Advances in Geometry, 2010, 10, 527-547.	0.4	1
9	Computer Algebra Methods in Tropical Geometry. Lecture Notes in Computer Science, 2010, , 213-216.	1.3	0
10	The Tropicalj-Invariant. LMS Journal of Computation and Mathematics, 2009, 12, 275-294.	0.9	7
11	An algorithm for lifting points in a tropical variety. Collectanea Mathematica, 2008, 59, 129-165.	0.9	33
12	The j-invariant of a plane tropical cubic. Journal of Algebra, 2008, 320, 3832-3848.	0.7	17
13	Standard bases in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>K</mml:mi><mml:mrow><mml:mo>[</mml:mo><mml:mrow><mml:mo>[</mml:mo><mml:msub><mml:mi> Journal of Symbolic Computation, 2008, 43, 765-786.	0.8	3
14	Triple-point defective ruled surfaces. Journal of Pure and Applied Algebra, 2008, 212, 1337-1346.	0.6	2
15	Tropical floor plans and enumeration of complex and real multi-nodal surfaces. Journal of Algebraic Geometry, 0, , .	0.9	0