

Marcin Dumnicki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

255
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Counterexamples to the Journal of Algebra, 2013, 393, 24-29.		
2	Linear subspaces, symbolic powers and Nagata type conjectures. Advances in Mathematics, 2014, 252, 471-491.	1.1	35
3	Containments of symbolic powers of ideals of generic points in \mathbb{P}^3 . Proceedings of the American Mathematical Society, 2014, 143, 513-530.	0.8	19
4	A containment result in \mathbb{P}^3 and the Chudnovsky Conjecture. Proceedings of the American Mathematical Society, 2017, 145, 3689-3694.	0.8	19
5	New effective bounds on the dimension of a linear system in \mathbb{P}^3 An algorithm to bound the regularity and nonemptiness of linear systems in \mathbb{P}^3 Journal of Symbolic Computation, 2009, 44, 1448-1462.	0.8	17
6	An algorithm to bound the regularity and nonemptiness of linear systems in \mathbb{P}^3 Journal of Symbolic Computation, 2009, 44, 1448-1462.	0.8	17
7	Symbolic powers of planar point configurations. Journal of Pure and Applied Algebra, 2013, 217, 1026-1036.	0.6	13
8	Cutting diagram method for systems of plane curves with base points. Annales Polonici Mathematici, 2007, 90, 131-143.	0.5	13
9	Containments of symbolic powers of ideals of generic points in \mathbb{P}^3 Points fattening on and symbolic powers of bi-homogeneous ideals. Journal of Pure and Applied Algebra, 2014, 218, 1555-1562.	0.6	12
10	Points fattening on and symbolic powers of bi-homogeneous ideals. Journal of Pure and Applied Algebra, 2014, 218, 1555-1562.	0.6	12
11	Special homogeneous linear systems on Hirzebruch surfaces. Geometriae Dedicata, 2010, 147, 283-311.	0.3	6
12	Very general monomial valuations of \mathbb{P}^2 and a Nagata-type conjecture. Communications in Analysis and Geometry, 2017, 25, 125-161.	0.4	6
13	Expected term bases for generic multivariate Hermite interpolation. Applicable Algebra in Engineering, Communications and Computing, 2007, 18, 467-482.	0.5	4
14	Asymptotic Hilbert polynomials and limiting shapes. Journal of Pure and Applied Algebra, 2015, 219, 4446-4457.	0.6	4
15	On the Sylvester-Gallai theorem for conics. Rendiconti Del Seminario Matematico Dell 'Universita' Di Padova/Mathematical Journal of the University of Padova, 2016, 136, 191-203.	0.5	4
16	Line arrangements with the maximal number of triple points. Geometriae Dedicata, 2016, 180, 69-83.	0.3	3
17	Unexpected surfaces singular on lines in \mathbb{P}^3 . European Journal of Mathematics, 2021, 7, 570-590.	0.5	3
18	Lower Bounds for Waldschmidt Constants of Generic Lines in \mathbb{P}^3 and a Chudnovsky-Type Theorem. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.8	2

#	ARTICLE	IF	CITATIONS
19	A matrixwise approach to unexpected hypersurfaces. <i>Linear Algebra and Its Applications</i> , 2020, 592, 113-133.	0.9	2
20	Asymptotic Hilbert polynomial and a bound for Waldschmidt constants. <i>Electronic Research Announcements in Mathematical Sciences</i> , 2016, 23, 8-18.	0.6	1
21	New results on fat points schemes in \mathbb{P}^2 . <i>Electronic Research Announcements in Mathematical Sciences</i> , 2013, 20, 51-54.	0.6	0