

Marcin Dumnicki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

255
citations

933447

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940533

16
g-index

21
all docs

21
docs citations

21
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpected surfaces singular on lines in \mathbb{P}^3 . European Journal of Mathematics, 2021, 7, 570-590.	0.5	3
2	A matrixwise approach to unexpected hypersurfaces. Linear Algebra and Its Applications, 2020, 592, 113-133.	0.9	2
3	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
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	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
6	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
7	Line arrangements with the maximal number of triple points. Geometriae Dedicata, 2016, 180, 69-83.	0.3	3
8	Asymptotic Hilbert polynomial and a bound for Waldschmidt constants. Electronic Research Announcements in Mathematical Sciences, 2016, 23, 8-18.	0.6	1
9	Asymptotic Hilbert polynomials and limiting shapes. Journal of Pure and Applied Algebra, 2015, 219, 4446-4457.	0.6	4
10	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
11	Linear subspaces, symbolic powers and Nagata type conjectures. Advances in Mathematics, 2014, 252, 471-491.	1.1	35
12	Points fattening on and symbolic powers of bi-homogeneous ideals. Journal of Pure and Applied Algebra, 2014, 218, 1555-1562.	0.6	12
13	Counterexamples to the containment of symbolic powers of ideals of generic points in \mathbb{P}^3 . Journal of Algebra, 2013, 383, 24-29.	0.6	12
14	Symbolic powers of planar point configurations. Journal of Pure and Applied Algebra, 2013, 217, 1026-1036.	0.6	13
15	New results on fat points schemes in \mathbb{P}^2 . Electronic Research Announcements in Mathematical Sciences, 2013, 20, 51-54.	0.6	0
16	Symbolic powers of ideals of generic points in \mathbb{P}^3 . Journal of Algebra, 2013, 383, 24-29.	0.6	12
17	Special homogeneous linear systems on Hirzebruch surfaces. Geometriae Dedicata, 2010, 147, 283-311.	0.3	6
18	An algorithm to bound the regularity and nonemptiness of linear systems in \mathbb{P}^n . Journal of Symbolic Computation, 2009, 44, 1448-1462.	0.8	17

#	ARTICLE	IF	CITATIONS
19	Effective bounds on the dimension of a linear system in \mathbb{P}^n . <i>Journal of Algebra</i> , 2007, 311, 1-14. https://doi.org/10.1016/j.jalgebra.2007.05.011	0.8	17
20	Expected term bases for generic multivariate Hermite interpolation. <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2007, 18, 467-482. https://doi.org/10.1016/j.aaac.2007.05.011	0.5	4
21	Cutting diagram method for systems of plane curves with base points. <i>Annales Polonici Mathematici</i> , 2007, 90, 131-143. https://doi.org/10.4064/apm/90-1-131	0.5	13