Maciej Borodzik

List of Publications by Year in descending order

41 papers	208 citations	1163117 8 h-index	1199594 12 g-index
43 all docs	43 docs citations	43 times ranked	47 citing authors

#	Article	IF	Citations
1	HEEGAARD FLOER HOMOLOGY AND RATIONAL CUSPIDAL CURVES. Forum of Mathematics, Sigma, 2014, 2, .	0.7	39
2	The unknotting number and classical invariants, I. Algebraic and Geometric Topology, 2015, 15, 85-135.	0.4	16
3	Semigroups,<i>d</i>-invariants and deformations of cuspidal singular points of plane curves. Journal of the London Mathematical Society, 2016, 93, 439-463.	1.0	16
4	Morse theory for manifolds with boundary. Algebraic and Geometric Topology, 2016, 16, 971-1023.	0.4	14
5	On the algebraic unknotting number. Transactions of the London Mathematical Society, 2014, 1, 57-84.	0.7	12
6	Complex algebraic plane curves via PoincarÃ©-Hopf formula. II. Annuli. Israel Journal of Mathematics, 2010, 175, 301-347.	0.8	10
7	Spectrum of plane curves via knot theory. Journal of the London Mathematical Society, 2012, 86, 87-110.	1.0	10
8	Heegaardâ€"Floer homologies of (+1) surgeries on torus knots. Acta Mathematica Hungarica, 2013, 139, 303-319.	0.5	10
9	Blanchfield forms and Gordian distance. Journal of the Mathematical Society of Japan, 2016, 68, .	0.4	7
10	Hodgeâ€"type structures as link invariants. Annales De L'Institut Fourier, 2013, 63, 269-301.	0.6	7
11	THE UNKNOTTING NUMBER AND CLASSICAL INVARIANTS II. Glasgow Mathematical Journal, 2014, 56, 657-680.	0.3	5
12	Plane algebraic curves of arbitrary genus via Heegaard Floer homology. Commentarii Mathematici Helvetici, 2017, 92, 215-256.	0.7	5
13	Immersed concordance of links and Heegaard Floer homology. Indiana University Mathematics Journal, 2018, 67, 1039-1083.	0.9	5
14	Involutive Heegaard Floer homology and rational cuspidal curves. Proceedings of the London Mathematical Society, 2019, 118, 441-472.	1.3	5
15	Complex algebraic plane curves via PoincarÃ©--Hopf formula. III. Codimension bounds. Kyoto Journal of Mathematics, 2008, 48, .	0.3	5
16	Small amplitude limit cycles for the polynomial LiÃ©nard system. Journal of Differential Equations, 2008, 245, 2522-2533.	2.2	4
17	Morse theory for plane algebraic curves. Journal of Topology, 2012, 5, 341-365.	0.5	4
18	The Ï' function ofLâ€"space knots is a Legendre transform. Mathematical Proceedings of the Cambridge Philosophical Society, 2018, 164, 401-411.	0.4	4

#	Article	IF	Citations
19	Up to topological concordance, links are strongly quasipositive. Journal Des Mathematiques Pures Et Appliquees, 2019, 132, 273-279.	1.6	4
20	Complex algebraic plane curves via the Poincaré–Hopf formula, I: Parametric lines. Pacific Journal of Mathematics, 2007, 229, 307-338.	0.5	3
21	The Hodge spectrum of analytic germs on isolated surface singularities. Journal Des Mathematiques Pures Et Appliquees, 2015, 103, 1132-1156.	1.6	2
22	Topological obstructions for rational cuspidal curves in Hirzebruch surfaces. Michigan Mathematical Journal, 2016, 65, .	0.4	2
23	Real Seifert Forms, Hodge Numbers and Blanchfield Pairings. Trends in Mathematics, 2021, , 53-72.	0.1	2
24	The Pascal theorem and some its generalizations. Topological Methods in Nonlinear Analysis, 2002, 19, 77.	0.2	2
25	Puiseux Expansion of a Cuspidal Singularity. Bulletin of the Polish Academy of Sciences Mathematics, 2012, 60, 21-25.	0.3	2
26	Number of singular points of an annulus in $\mathbb{C}^2$. Annales De L'Institut Fourier, 2011, 61, 1539-1555.	0.6	2
27	A note on a topological approach to the μ -constant problem in dimension 2. Revista Matematica Complutense, 2014, 27, 345-350.	1.2	1
28	On the semicontinuity of the mod 2 spectrum of hypersurface singularities. Journal of Algebraic Geometry, 2015, 24, 379-398.	0.9	1
29	Embedded Morse Theory and Relative Splitting of Cobordisms of Manifolds. Journal of Geometric Analysis, 2016, 26, 57-87.	1.0	1
30	Rational cuspidal curves in projective surfaces. Topological versus algebraic obstructions. International Journal of Mathematics, 2017, 28, 1750106.	0.5	1
31	Intermediate links of plane curves. Israel Journal of Mathematics, 2018, 227, 63-111.	0.8	1
32	Solid angles and Seifert hypersurfaces. Annals of Global Analysis and Geometry, 2020, 57, 415-454.	0.6	1
33	Khovanov homology and periodic links. Indiana University Mathematics Journal, 2021, 70, 235-267.	0.9	1
34	Khovanov homotopy type, periodic links and localizations. Mathematische Annalen, 2021, 380, 1233-1309.	1.4	1
35	Heegaard Floer Homologies and Rational Cuspidal Curves. Lecture notes.. Winter Braids Lecture Notes, 0, 3, 1-39.	0.0	1
36	On the Signatures of Torus Knots. Bulletin of the Polish Academy of Sciences Mathematics, 2010, 58, 167-177.	0.3	1

#	Article	IF	Citations
37	The average signature of graph links. Forum Mathematicum, 2015, 27, .	0.7	0
38	Limits of Puiseux Expansions and Parametric Deformations of Plane Curve Singularities. Communications in Algebra, 2016, 44, 2118-2151.	0.6	0
39	Geometry of Puiseux expansions. Annales Polonici Mathematici, 2008, 93, 263-280.	0.5	0
40	Linking forms, finite orthogonal groups and periodicity of links. Journal of the Mathematical Society of Japan, 2020, 72, .	0.4	0
41	Limits of the Tristram-Levine signature function. Journal of Knot Theory and Its Ramifications, 0, , .	0.3	0