Maria Alberich-CarramiÃ±ana

List of Publications by Year
in descending order

32 papers	160 citations	1683934 5 h-index	1281743 11 g-index
33 all docs	33 docs citations	33 times ranked	65 citing authors

#	Article	IF	Citations
1	An inextensible model for the robotic manipulation of textiles. Applied Mathematical Modelling, 2022, 101, 832-858.	2.2	5
2	Quadratic planar differential systems with algebraic limit cycles via quadratic plane Cremona maps. Advances in Mathematics, 2021, 389, 107924.	0.5	2
3	Monomial generators of complete planar ideals. Journal of Algebra and Its Applications, 2021, 20, 2150032.	0.3	1
4	Multiplicities of jumping points for mixed multiplier ideals. Revista Matematica Complutense, 2020, 33, 325-348.	0.7	2
5	Effective computation of base points of ideals in two-dimensional local rings. Journal of Symbolic Computation, 2019, 92, 93-109.	0.5	2
6	Constancy regions of mixed multiplier ideals in two-dimensional local rings with rational singularities. Mathematische Nachrichten, 2018, 291, 245-263.	0.4	3
7	New algebraic conditions for the identification of the relative position of two coplanar ellipses. Computer Aided Geometric Design, 2017, 54, 35-48.	0.5	7
8	Poincaré series of multiplier ideals in two-dimensional local rings with rational singularities. Advances in Mathematics, 2017, 304, 769-792.	0.5	5
9	Multiplier ideals in two-dimensional local rings with rational singularities. Michigan Mathematical Journal, 2016, 65, .	0.2	11
10	Determining plane curve singularities from its polars. Advances in Mathematics, 2016, 287, 788-822.	0.5	1
11	The Ultrametric Space of Plane Branches. Communications in Algebra, 2011, 39, 4206-4220.	0.3	4
12	On adjacent complete ideals above a given complete ideal. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 225-239.	0.8	1
13	Stratifications of the Euclidean motion group with applications to robotics. Geometriae Dedicata, 2009, 141, 19-32.	0.1	0
14	Partially Flagged Parallel Manipulators: Singularity Charting and Avoidance. IEEE Transactions on Robotics, 2009, 25, 771-784.	7.3	16
15	Recovering epipolar direction from two affine views of a planar object. Computer Vision and Image Understanding, 2008, 112, 195-209.	3.0	2
16	Depth from the visual motion of a planar target induced by zooming. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	3
17	Flagged Parallel Manipulators. , 2007, 23, 1013-1023.		14
18	Equisingularity classes of birational projections of normal singularities to a plane. Advances in Mathematics, 2007, 216, 753-770.	0.5	3

#	Article	IF	Citations
19	Stratifying the singularity loci of a class of parallel manipulators. , 2006, 22, 23-32.		13
20	Affine Epipolar Direction from Two Views of a Planar Contour. Lecture Notes in Computer Science, 2006, , 944-955.	1.0	3
21	Enriques Diagrams and Adjacency of Planar Curve Singularities. Canadian Journal of Mathematics, 2005, 57, 3-16.	0.3	4
22	Plane Cremona maps, exceptional curves and roots. Transactions of the American Mathematical Society, 2005, 357, 1901-1914.	0.5	1
23	An Algorithm for Computing the Singularity of the Generic Germ of a Pencil of Plane Curves. Communications in Algebra, 2004, 32, 1637-1646.	0.3	2
24	2. Plane Cremona maps. Lecture Notes in Mathematics, 2002, , 29-71.	0.1	0
25	Geometry of the Plane Cremona Maps. Lecture Notes in Mathematics, 2002, , .	0.1	54
26	4. Composition. Lecture Notes in Mathematics, 2002, , 101-125.	0.1	0
27	5. Characteristic matrices. Lecture Notes in Mathematics, 2002, , 127-176.	0.1	0
28	7. Inverse Cremona map. Lecture Notes in Mathematics, 2002, , 207-225.	0.1	0
29	3. Clebschâ€™s theorems and jacobian. Lecture Notes in Mathematics, 2002, , 73-100.	0.1	0
30	1. Preliminaries. Lecture Notes in Mathematics, 2002, , 1-28.	0.1	0
31	8. Noetherâ€™s factorization theorem. Lecture Notes in Mathematics, 2002, , 227-247.	0.1	0
32	On redundant flagged manipulators. , 0, , .		1