

Maria Alberich-Carramiñana

List of Publications by Year in descending order

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32
papers

160
citations

1683354

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1281420

11
g-index

33
all docs

33
docs citations

33
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry of the Plane Cremona Maps. Lecture Notes in Mathematics, 2002, , .	0.1	54
2	Partially Flagged Parallel Manipulators: Singularity Charting and Avoidance. IEEE Transactions on Robotics, 2009, 25, 771-784.	7.3	16
3	Flagged Parallel Manipulators. , 2007, 23, 1013-1023.		14
4	Stratifying the singularity loci of a class of parallel manipulators. , 2006, 22, 23-32.		13
5	Multiplier ideals in two-dimensional local rings with rational singularities. Michigan Mathematical Journal, 2016, 65, .	0.2	11
6	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
7	Poincaré series of multiplier ideals in two-dimensional local rings with rational singularities. Advances in Mathematics, 2017, 304, 769-792.	0.5	5
8	An inextensible model for the robotic manipulation of textiles. Applied Mathematical Modelling, 2022, 101, 832-858.	2.2	5
9	The Ultrametric Space of Plane Branches. Communications in Algebra, 2011, 39, 4206-4220.	0.3	4
10	Enriques Diagrams and Adjacency of Planar Curve Singularities. Canadian Journal of Mathematics, 2005, 57, 3-16.	0.3	4
11	Depth from the visual motion of a planar target induced by zooming. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	3
12	Equisingularity classes of birational projections of normal singularities to a plane. Advances in Mathematics, 2007, 216, 753-770.	0.5	3
13	Constancy regions of mixed multiplier ideals in two-dimensional local rings with rational singularities. Mathematische Nachrichten, 2018, 291, 245-263.	0.4	3
14	Affine Epipolar Direction from Two Views of a Planar Contour. Lecture Notes in Computer Science, 2006, , 944-955.	1.0	3
15	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
16	Recovering epipolar direction from two affine views of a planar object. Computer Vision and Image Understanding, 2008, 112, 195-209.	3.0	2
17	Effective computation of base points of ideals in two-dimensional local rings. Journal of Symbolic Computation, 2019, 92, 93-109.	0.5	2
18	Multiplicities of jumping points for mixed multiplier ideals. Revista Matematica Complutense, 2020, 33, 325-348.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Quadratic planar differential systems with algebraic limit cycles via quadratic plane Cremona maps. <i>Advances in Mathematics</i> , 2021, 389, 107924.	0.5	2
20	On redundant flagged manipulators. , 0, , .		1
21	On adjacent complete ideals above a given complete ideal. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2010, 140, 225-239.	0.8	1
22	Determining plane curve singularities from its polars. <i>Advances in Mathematics</i> , 2016, 287, 788-822.	0.5	1
23	Plane Cremona maps, exceptional curves and roots. <i>Transactions of the American Mathematical Society</i> , 2005, 357, 1901-1914.	0.5	1
24	Monomial generators of complete planar ideals. <i>Journal of Algebra and Its Applications</i> , 2021, 20, 2150032.	0.3	1
25	2. Plane Cremona maps. <i>Lecture Notes in Mathematics</i> , 2002, , 29-71.	0.1	0
26	Stratifications of the Euclidean motion group with applications to robotics. <i>Geometriae Dedicata</i> , 2009, 141, 19-32.	0.1	0
27	4. Composition. <i>Lecture Notes in Mathematics</i> , 2002, , 101-125.	0.1	0
28	5. Characteristic matrices. <i>Lecture Notes in Mathematics</i> , 2002, , 127-176.	0.1	0
29	7. Inverse Cremona map. <i>Lecture Notes in Mathematics</i> , 2002, , 207-225.	0.1	0
30	3. Clebsch's theorems and jacobian. <i>Lecture Notes in Mathematics</i> , 2002, , 73-100.	0.1	0
31	1. Preliminaries. <i>Lecture Notes in Mathematics</i> , 2002, , 1-28.	0.1	0
32	8. Noether's factorization theorem. <i>Lecture Notes in Mathematics</i> , 2002, , 227-247.	0.1	0