

Yisheng Lai

List of Publications by Year in descending order

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12
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1478505

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#	ARTICLE	IF	CITATIONS
1	A constructive approach to implicitizing rational surfaces with LCI base points by moving planes and moving quadrics. <i>Computer Aided Geometric Design</i> , 2022, 92, 102051.	1.2	2
2	Implicitizing rational surfaces without base points by moving planes and moving quadrics. <i>Computer Aided Geometric Design</i> , 2019, 70, 1-15.	1.2	10
3	An improved algorithm for constructing moving quadrics from moving planes. <i>Journal of Systems Science and Complexity</i> , 2017, 30, 1483-1506.	2.8	5
4	Implicitizing rational surfaces using moving quadrics constructed from moving planes. <i>Journal of Symbolic Computation</i> , 2016, 77, 127-161.	0.8	15
5	The Viro Method for Construction of Piecewise Algebraic Hypersurfaces. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-7.	0.7	2
6	The Viro method for construction of Bernstein-Bézier algebraic hypersurface piece. <i>Science China Mathematics</i> , 2012, 55, 1269-1279.	1.7	6
7	Solving parametric piecewise polynomial systems. <i>Journal of Computational and Applied Mathematics</i> , 2011, 236, 924-936.	2.0	8
8	Real zeros of the zero-dimensional parametric piecewise algebraic variety. <i>Science in China Series A: Mathematics</i> , 2009, 52, 817-832.	0.5	10
9	Existence of nonzero solutions for a class of generalized variational inequalities. <i>Positivity</i> , 2008, 12, 667-676.	0.7	2
10	Common coincidence- and fixed-point theorems for a class of nonlinear hybrid mappings. <i>Mathematical Notes</i> , 2008, 83, 327-334.	0.4	0
11	Existence theorems for solutions of variational inequalities. <i>Acta Mathematica Hungarica</i> , 2005, 108, 95-103.	0.5	6
12	Fixed point index approach for solutions of variational inequalities. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2005, 2005, 1879-1887.	0.7	3