Yisheng Lai

List of Publications by Year
in descending order

12	69	1478505	1588992
papers	citations	6	8
		h-index	g-index

12	12	12	20
all docs	docs citations	times ranked	citing authors

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