Jose Israel Rodriguez

List of Publications by Year
in descending order

19	111	1478505	1372567
papers	citations	6	10
		h-index	g-index

19	19	19	43
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trace Test. Arnold Mathematical Journal, 2018, 4, 113-125.	0.4	15
2	The maximum likelihood degree of toric varieties. Journal of Symbolic Computation, 2019, 92, 222-242.	0.8	14
3	Multiprojective witness sets and a trace test. Advances in Geometry, 2020, 20, 297-318.	0.4	14
4	Critical points via monodromy and local methods. Journal of Symbolic Computation, 2017, 79, 559-574.	0.8	13
5	Numerical Computation of Galois Groups. Foundations of Computational Mathematics, 2018, 18, 867-890.	2.5	13
6	Defect of Euclidean distance degree. Advances in Applied Mathematics, 2020, 121, 102101.	0.7	8
7	Solving decomposable sparse systems. Numerical Algorithms, 2021, 88, 453-474.	1.9	8
8	The Maximum Likelihood Degree of Mixtures of Independence Models. SIAM Journal on Applied Algebra and Geometry, 2017, 1, 484-506.	1.4	7
9	Data-Discriminants of Likelihood Equations. , 2015, , .		5
10	Computing Euler Obstruction Functions Using Maximum Likelihood Degrees. International Mathematics Research Notices, 2020, 2020, 6699-6712.	1.0	3
11	Fiber product homotopy method for multiparameter eigenvalue problems. Numerische Mathematik, 2021, 148, 853-888.	1.9	3
12	A Morse theoretic approach to non-isolated singularities and applications to optimization. Journal of Pure and Applied Algebra, 2022, 226, 106865.	0.6	3
13	The maximum likelihood data singular locus. Journal of Symbolic Computation, 2017, 79, 99-107.	0.8	2
14	Decomposable sparse polynomial systems. The Journal of Software ForAlgebra and Geometry: Macaulay2, 2021, 11, 53-59.	0.6	2
15	Algebraic optimization degree. ACM Communications in Computer Algebra, 2020, 54, 44-48.	0.4	1
16	Solving the Likelihood Equations to Compute Euler Obstruction Functions. Lecture Notes in Computer Science, 2018, , 405-413.	1.3	0
17	MultiRegeneration for polynomial system solving. ACM Communications in Computer Algebra, 2020, 54, 39-43.	0.4	0
18	A Numerical Approach for Computing Euler Characteristics of Affine Varieties. Lecture Notes in Computer Science, 2020, , 51-60.	1.3	0

#	Article	IF	Citations
19	Data loci in algebraic optimization. Journal of Pure and Applied Algebra, 2022, 226, 107144.	0.6	0