

# Jose Israel Rodriguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11298005/publications.pdf>

Version: 2024-02-01

19  
papers

111  
citations

1478505

6  
h-index

1372567

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g-index

19  
all docs

19  
docs citations

19  
times ranked

43  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Morse theoretic approach to non-isolated singularities and applications to optimization. Journal of Pure and Applied Algebra, 2022, 226, 106865.	0.6	3
2	Data loci in algebraic optimization. Journal of Pure and Applied Algebra, 2022, 226, 107144.	0.6	0
3	Solving decomposable sparse systems. Numerical Algorithms, 2021, 88, 453-474.	1.9	8
4	Decomposable sparse polynomial systems. The Journal of Software ForAlgebra and Geometry: Macaulay2, 2021, 11, 53-59.	0.6	2
5	Fiber product homotopy method for multiparameter eigenvalue problems. Numerische Mathematik, 2021, 148, 853-888.	1.9	3
6	Computing Euler Obstruction Functions Using Maximum Likelihood Degrees. International Mathematics Research Notices, 2020, 2020, 6699-6712.	1.0	3
7	Defect of Euclidean distance degree. Advances in Applied Mathematics, 2020, 121, 102101.	0.7	8
8	Multiprojective witness sets and a trace test. Advances in Geometry, 2020, 20, 297-318.	0.4	14
9	Algebraic optimization degree. ACM Communications in Computer Algebra, 2020, 54, 44-48.	0.4	1
10	MultiRegeneration for polynomial system solving. ACM Communications in Computer Algebra, 2020, 54, 39-43.	0.4	0
11	A Numerical Approach for Computing Euler Characteristics of Affine Varieties. Lecture Notes in Computer Science, 2020, , 51-60.	1.3	0
12	The maximum likelihood degree of toric varieties. Journal of Symbolic Computation, 2019, 92, 222-242.	0.8	14
13	Trace Test. Arnold Mathematical Journal, 2018, 4, 113-125.	0.4	15
14	Numerical Computation of Galois Groups. Foundations of Computational Mathematics, 2018, 18, 867-890.	2.5	13
15	Solving the Likelihood Equations to Compute Euler Obstruction Functions. Lecture Notes in Computer Science, 2018, , 405-413.	1.3	0
16	Critical points via monodromy and local methods. Journal of Symbolic Computation, 2017, 79, 559-574.	0.8	13
17	The maximum likelihood data singular locus. Journal of Symbolic Computation, 2017, 79, 99-107.	0.8	2
18	The Maximum Likelihood Degree of Mixtures of Independence Models. SIAM Journal on Applied Algebra and Geometry, 2017, 1, 484-506.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Data-Discriminants of Likelihood Equations. , 2015, , .		5