

Francisco Jes s Castro-Jim nez

List of Publications by Year in descending order

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66
citing authors

#	ARTICLE	IF	CITATIONS
1	Gevrey Expansions of Hypergeometric Integrals II. International Mathematics Research Notices, 2021, 2021, 17823-17861.	1.0	0
2	Filiform Lie Algebras with Low Derived Length. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	0
3	Linear nested Artin approximation theorem for algebraic power series. Manuscripta Mathematica, 2019, 158, 55-73.	0.6	2
4	Encoding Algebraic Power Series. Foundations of Computational Mathematics, 2018, 18, 789-833.	2.5	3
5	Echelons of power series and Gabrielov's counterexample to nested linear Artin approximation. Bulletin of the London Mathematical Society, 2018, 50, 649-662.	0.8	2
6	Gevrey Expansions of Hypergeometric Integrals I. International Mathematics Research Notices, 2015, 2015, 1338-1370.	1.0	3
7	Irregular modified A -hypergeometric systems. Transactions of the American Mathematical Society, 2014, 367, 5415-5445.	0.9	2
8	On irregular binomial D-modules. Mathematische Zeitschrift, 2012, 272, 1321-1337.	0.9	4
9	Computing Localizations Iteratively. , 2012, , .		0
10	An algebraic approach to integer portfolio problems. European Journal of Operational Research, 2011, 210, 647-659.	5.7	17
11	Gevrey solutions of irregular hypergeometric systems in two variables. Journal of Algebra, 2011, 339, 320-335.	0.7	8
12	Gevrey solutions of the irregular hypergeometric system associated with an affine monomial curve. Transactions of the American Mathematical Society, 2011, 363, 923-923.	0.9	14
13	MODULES OVER THE WEYL ALGEBRA. , 2010, , .		0
14	The computation of the logarithmic cohomology for plane curves. Journal of Algebra, 2009, 322, 3839-3851.	0.7	1
15	Foreword from the editors. Journal of Symbolic Computation, 2009, 44, 419-420.	0.8	0
16	Localization at hyperplane arrangements: Combinatorics and \mathbb{C} -modules. Publications of the Research Institute for Mathematical Sciences, 2007, 43, 121-141.	0.7	1
17	A Flatness Property for Filtered D -modules. Publications of the Research Institute for Mathematical Sciences, 2007, 43, 121-141.	0.8	0
18	Gröbner bases and logarithmic D -modules. Publications of the Research Institute for Mathematical Sciences, 2007, 43, 121-141.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Logarithmic Comparison Theorem and some Euler homogeneous free divisors. Proceedings of the American Mathematical Society, 2005, 133, 1417-1422.	0.8	6
20	On the computation of Bernstein–Sato ideals. Journal of Symbolic Computation, 2004, 37, 629-639.	0.8	13
21	Quasi-free divisors and duality. Comptes Rendus Mathematique, 2004, 338, 461-466.	0.3	0
22	Testing the Logarithmic Comparison Theorem for Free Divisors. Experimental Mathematics, 2004, 13, 441-449.	0.7	8
23	Singularities of the hypergeometric system associated with a monomial curve. Transactions of the American Mathematical Society, 2003, 355, 3761-3775.	0.9	13
24	Logarithmic cohomology of the complement of a plane curve. Commentarii Mathematici Helvetici, 2002, 77, 24-38.	0.7	21
25	PRIMALITY TEST IN ITERATED ORE EXTENSIONS. Communications in Algebra, 2001, 29, 1357-1371.	0.6	5
26	The analytic standard fan of a D-module. Journal of Pure and Applied Algebra, 2001, 164, 3-21.	0.6	14
27	Foreword by the Guest Editors. Journal of Symbolic Computation, 2001, 32, 573-574.	0.8	0
28	Explicit Comparison Theorems for D -modules. Journal of Symbolic Computation, 2001, 32, 677-685.	0.8	8
29	The Gröbner fan of an An-module. Journal of Pure and Applied Algebra, 2000, 150, 27-39.	0.6	20
30	Test de primauté dans une extension de ore ité. Comptes Rendus Mathematique, 1999, 328, 459-462.	0.5	1
31	Effective computation of the Gelfand-Kirillov dimension. Proceedings of the Edinburgh Mathematical Society, 1997, 40, 111-117.	0.3	3
32	Cohomology of the complement of a free divisor. Transactions of the American Mathematical Society, 1996, 348, 3037-3049.	0.9	37
33	On characteristically nilpotent filiform lie algebras of dimension 9. Communications in Algebra, 1995, 23, 3059-3071.	0.6	4
34	Gröbner bases and Gröbner bases for differential operators. , 0, , .		0