

Federico Ardila

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Valuations and the Hopf Monoid of Generalized Permutahedra. International Mathematics Research Notices, 2023, 2023, 4149-4224.	1.0	5
2	The harmonic polytope. Selecta Mathematica, New Series, 2021, 27, 1.	1.0	1
3	Coxeter submodular functions and deformations of Coxeter permutahedra. Advances in Mathematics, 2020, 365, 107039.	1.1	17
4	Positroids and non-crossing partitions. Transactions of the American Mathematical Society, 2016, 368, 337-363.	0.9	25
5	The closure of a linear space in a product of lines. Journal of Algebraic Combinatorics, 2016, 43, 199-235.	0.8	13
6	Correction to "Combinatorics and geometry of power ideals": Two counterexamples for power ideals of hyperplane arrangements. Transactions of the American Mathematical Society, 2015, 367, 3759-3762.	0.9	5
7	Algebraic and Geometric Methods in Enumerative Combinatorics. Discrete Mathematics and Its Applications, 2015, , 3-172.	0.1	35
8	Moving Robots Efficiently Using the Combinatorics of CAT(0) Cubical Complexes. SIAM Journal on Discrete Mathematics, 2014, 28, 986-1007.	0.8	11
9	Acyclic Systems of Permutations and Fine Mixed Subdivisions of Simplices. Discrete and Computational Geometry, 2013, 49, 485-510.	0.6	5
10	Lifted generalized permutahedra and composition polynomials. Advances in Applied Mathematics, 2013, 50, 607-633.	0.7	7
11	Staircase skew Schur functions are Schur P-positive. Journal of Algebraic Combinatorics, 2012, 36, 409-423.	0.8	5
12	Root Polytopes and Growth Series of Root Lattices. SIAM Journal on Discrete Mathematics, 2011, 25, 360-378.	0.8	37
13	Tilings*. Mathematical Intelligencer, 2010, 32, 32-43.	0.2	17
14	Matroid Polytopes and their Volumes. Discrete and Computational Geometry, 2010, 43, 841-854.	0.6	41
15	Valuations for Matroid Polytope Subdivisions. Canadian Journal of Mathematics, 2010, 62, 1228-1245.	0.6	19
16	Combinatorics and geometry of power ideals. Transactions of the American Mathematical Society, 2010, 362, 4357-4384.	0.9	36
17	Tropical hyperplane arrangements and oriented matroids. Mathematische Zeitschrift, 2009, 262, 795-816.	0.9	45
18	Flag arrangements and triangulations of products of simplices. Advances in Mathematics, 2007, 214, 495-524.	1.1	36

#	ARTICLE	IF	CITATIONS
19	Computing the Tutte polynomial of a hyperplane arrangement. Pacific Journal of Mathematics, 2007, 230, 1-26.	0.5	24
20	The Bergman complex of a matroid and phylogenetic trees. Journal of Combinatorial Theory Series B, 2006, 96, 38-49.	1.0	144
21	The Catalan matroid. Journal of Combinatorial Theory - Series A, 2003, 104, 49-62.	0.8	23