

# Antoine Deza

## List of Publications by Year in descending order

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57  
papers

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citations

759055

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g-index

60  
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60  
docs citations

60  
times ranked

200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charging station optimization for balanced electric car sharing. Discrete Applied Mathematics, 2022, 308, 187-197.	0.5	15
2	A linear optimization oracle for zonotope computation. Computational Geometry: Theory and Applications, 2022, 100, 101809.	0.3	2
3	Multiperiod refinery optimization for mitigating the impact of process unit shutdowns. Computers and Chemical Engineering, 2022, 164, 107873.	2.0	4
4	Primitive point packing. Mathematika, 2022, 68, 979-1007.	0.3	2
5	Distance between vertices of lattice polytopes. Optimization Letters, 2020, 14, 309-326.	0.9	1
6	On inventory allocation for periodic review assemble-to-order systems. Discrete Applied Mathematics, 2020, 275, 29-41.	0.5	3
7	Computational determination of the largest lattice polytope diameter. Discrete Applied Mathematics, 2020, 281, 106-110.	0.5	0
8	Preface: Workshop on Advances in Optimization. Discrete Applied Mathematics, 2020, 275, 1-2.	0.5	2
9	The diameter of lattice zonotopes. Proceedings of the American Mathematical Society, 2020, 148, 3507-3516.	0.4	6
10	Diameter, Decomposability, and Minkowski Sums of Polytopes. Canadian Mathematical Bulletin, 2019, 62, 741-755.	0.3	3
11	AN ENHANCED PRIMAL-SIMPLEX BASED TARDOS' ALGORITHM FOR LINEAR OPTIMIZATION. Journal of the Operations Research Society of Japan, 2018, 61, 186-196.	0.3	0
12	Preface: Linear optimization. Discrete Applied Mathematics, 2018, 240, 1-2.	0.5	0
13	On component commonality for periodic review assemble-to-order systems. Annals of Operations Research, 2018, 265, 29-46.	2.6	5
14	Primitive Zonotopes. Discrete and Computational Geometry, 2018, 60, 27-39.	0.4	13
15	Improved bounds on the diameter of lattice polytopes. Acta Mathematica Hungarica, 2018, 154, 457-469.	0.3	13
16	Paths, pivots, and practice: the power of optimization. Annals of Operations Research, 2018, 265, 1-4.	2.6	1
17	Optimization over Degree Sequences. SIAM Journal on Discrete Mathematics, 2018, 32, 2067-2079.	0.4	21
18	Small Primitive Zonotopes. Springer Proceedings in Mathematics and Statistics, 2018, , 87-107.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Bannai et al. method proves the d-step conjecture for strings. Discrete Applied Mathematics, 2017, 217, 488-494.	0.5	2
20	Computational determination of the largest lattice polytope diameter. Electronic Notes in Discrete Mathematics, 2017, 62, 105-110.	0.4	3
21	SMALL DEGENERATE SIMPLICES CAN BE BAD FOR SIMPLEX METHODS. Journal of the Operations Research Society of Japan, 2017, 60, 419-428.	0.3	0
22	A computational substantiation of the d-step approach to the number of distinct squares problem. Discrete Applied Mathematics, 2016, 212, 81-87.	0.5	1
23	Chance constrained optimization for targeted Internet advertising. Omega, 2015, 53, 90-96.	3.6	20
24	On a lemma of Crochemore and Rytter. Journal of Discrete Algorithms, 2015, 34, 18-22.	0.7	2
25	A primal-simplex based Tardos's algorithm. Operations Research Letters, 2015, 43, 625-628.	0.5	4
26	How many double squares can a string contain?. Discrete Applied Mathematics, 2015, 180, 52-69.	0.5	32
27	A Combinatorial Approach to Colourful Simplicial Depth. SIAM Journal on Discrete Mathematics, 2014, 28, 306-322.	0.4	4
28	A $d$ -step approach to the maximum number of distinct squares and runs in strings. Discrete Applied Mathematics, 2014, 163, 268-274.	0.5	10
29	A computational framework for determining run-maximal strings. Journal of Discrete Algorithms, 2013, 20, 43-50.	0.7	3
30	A Note on Lower Bounds for Colourful Simplicial Depth. Symmetry, 2013, 5, 47-53.	1.1	1
31	More bounds on the diameters of convex polytopes. Optimization Methods and Software, 2013, 28, 442-450.	1.6	12
32	A Further Generalization of the Colourful Carathéodory Theorem. Fields Institute Communications, 2013, , 179-190.	0.6	5
33	On a conjecture of Erdős's for multiplicities of cliques. Journal of Discrete Algorithms, 2012, 17, 9-14.	0.7	1
34	On the structure of run-maximal strings. Journal of Discrete Algorithms, 2012, 10, 10-14.	0.7	3
35	More Colourful Simplices. Discrete and Computational Geometry, 2011, 45, 272-278.	0.4	8
36	A d-Step Approach for Distinct Squares in Strings. Lecture Notes in Computer Science, 2011, , 77-89.	1.0	6

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37	On the generalized Berge sorting conjecture. <i>Journal of Discrete Algorithms</i> , 2010, 8, 1-7.	0.7	0
38	A Continuous d-Step Conjecture for Polytopes. <i>Discrete and Computational Geometry</i> , 2009, 41, 318-327.	0.4	29
39	Central Path Curvature and Iteration-Complexity for Redundant Kleeâ€™Minty Cubes. , 2009, , 223.		9
40	Foreword: selected papers from the Franco-Canadian workshop on combinatorial algorithms. <i>Journal of Combinatorial Optimization</i> , 2008, 16, 323-323.	0.8	0
41	How good are interior point methods? Kleeâ€™Minty cubes tighten iteration-complexity bounds. <i>Mathematical Programming</i> , 2008, 113, 1-14.	1.6	28
42	Polytopes and arrangements: Diameter and curvature. <i>Operations Research Letters</i> , 2008, 36, 215-222.	0.5	20
43	The colourful feasibility problem. <i>Discrete Applied Mathematics</i> , 2008, 156, 2166-2177.	0.5	13
44	Diameter and Curvature: Intriguing Analogies. <i>Electronic Notes in Discrete Mathematics</i> , 2008, 31, 221-225.	0.4	3
45	A counterexample to the dominating set conjecture. <i>Optimization Letters</i> , 2007, 1, 163-169.	0.9	4
46	The central path visits all the vertices of the Kleeâ€™Minty cube. <i>Optimization Methods and Software</i> , 2006, 21, 851-865.	1.6	11
47	Un des â€œproblÃˆmes plaisants et dÃ©lectablesâ€•de Claude Berge. <i>Discrete Mathematics</i> , 2006, 306, 2299-2302.	0.4	1
48	The isometries of the cut, metric and hypermetric cones. <i>Journal of Algebraic Combinatorics</i> , 2006, 23, 197-203.	0.4	4
49	Colourful Simplicial Depth. <i>Discrete and Computational Geometry</i> , 2006, 35, 597-615.	0.4	56
50	On the Face Lattice of the Metric Polytope. <i>Lecture Notes in Computer Science</i> , 2003, , 118-128.	1.0	3
51	Solitaire Lattices. <i>Graphs and Combinatorics</i> , 2002, 18, 227-243.	0.2	5
52	On the solitaire cone and its relationship to multi-commodity flows. <i>Mathematical Programming</i> , 2001, 90, 27-57.	1.6	4
53	On the binary solitaire cone. <i>Discrete Applied Mathematics</i> , 2001, 115, 3-14.	0.5	2
54	Fullerenes and coordination polyhedra versus half-cube embeddings. <i>Discrete Mathematics</i> , 1998, 192, 41-80.	0.4	35

#	ARTICLE	IF	CITATIONS
55	On skeletons, diameters and volumes of metric polyhedra. Lecture Notes in Computer Science, 1996, , 112-128.	1.0	10
56	McMullen's conditions and some lower bounds for general convex polytopes. Geometriae Dedicata, 1994, 52, 165-173.	0.1	3
57	The Ridge Graph of the Metric Polytope and Some Relatives. , 1994, , 359-372.		25