René Brandenberg

List of Publications by Year
in descending order

		1307594	1199594
22	153	7	12
papers	citations	h-index	g-index
23	23	23	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving Accuracy and Efficiency of Start-Up Cost Formulations in MIP Unit Commitment by Modeling Power Plant Temperatures. IEEE Transactions on Power Systems, 2016, 31, 2578-2586.	6.5	21
2	No Dimension-Independent Core-Sets for Containment Under Homothetics. Discrete and Computational Geometry, 2013, 49, 3-21.	0.6	16
3	Algebraic Methods for Computing Smallest Enclosing and Circumscribing Cylinders of Simplices. Applicable Algebra in Engineering, Communications and Computing, 2004, 14, 439-460.	0.5	14
4	The asymmetry of complete and constant width bodies in general normed spaces and the Jung constant. Israel Journal of Mathematics, 2017, 218, 489-510.	0.8	13
5	Radii of Regular Polytopes. Discrete and Computational Geometry, 2005, 33, 43-55.	0.6	12
6	Radii minimal projections of polytopes and constrained optimization of symmetric polynomials. Advances in Geometry, 2006, 6, 71-83.	0.4	11
7	New algorithms for k-center and extensions. Journal of Combinatorial Optimization, 2009, 18, 376-392.	1.3	10
8	Minimal containment under homothetics: a simple cutting plane approach. Computational Optimization and Applications, 2011, 48, 325-340.	1.6	9
9	SHARPENING GEOMETRIC INEQUALITIES USING COMPUTABLE SYMMETRY MEASURES. Mathematika, 2015, 61, 559-580.	0.5	8
10	The summed start-up costs in a unit commitment problem. EURO Journal on Computational Optimization, 2017, 5, 203-238.	2.4	8
11	Minkowski concentricity and complete simplices. Journal of Mathematical Analysis and Applications, 2017, 454, 981-994.	1.0	8
12	Isoradial Bodies. Discrete and Computational Geometry, 2004, 32, 447-457.	0.6	7
13	Is a complete, reduced set necessarily of constant width?. Advances in Geometry, 2019, 19, 31-40.	0.4	5
14	Refined cut selection for benders decomposition: applied to network capacity expansion problems. Mathematical Methods of Operations Research, 2021, 94, 383-412.	1.0	3
15	New Algorithms for k-Center and Extensions. Lecture Notes in Computer Science, 2008, , 64-78.	1.3	2
16	No dimension independent core-sets for containment under homothetics. , 2011, , .		1
17	A complete 3-dimensional Blaschke-Santaló diagram. Mathematical Inequalities and Applications, 2017, , 301-348.	0.2	1
18	Relating Symmetrizations of Convex Bodies: Once More the Golden Ratio. American Mathematical Monthly, 0, , 1-11.	0.3	1

#	Article	IF	Citations
19	Kombinatorische Explosion und das Traveling Salesman Problem. , 2008, , 235-260.		1
20	Polyatomic Discrete Tomography â€" Polyhedral Aspects. , 2000, , 47-51.		0
21	Modeling and Optimization of Correction Measures for Human Extremities. , 2008, , 131-148.		0
22	Behaviour of inradius, circumradius, and diameter in generalized Minkowski spaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, .	1.2	0