Liran Rotem

List of Publications by Year
in descending order

16 papers	175 citations	1478505 6 h-index	1125743 13 g-index
19 all docs	19 docs citations	19 times ranked	54 citing authors

#	Article	IF	Citations
1	Complemented Brunn–Minkowski inequalities and isoperimetry for homogeneous and non-homogeneous measures. Advances in Mathematics, 2014, 262, 867-908.	1.1	38
2	Mixed integrals and related inequalities. Journal of Functional Analysis, 2013, 264, 570-604.	1.4	33
3	Support functions and mean width for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>α</mml:mi></mml:math>-concave functions. Advances in Mathematics, 2013, 243, 168-186.	1.1	26
4	A sharp Blaschke–Santaló inequality for $$alpha $$ α -concave functions. Geometriae Dedicata, 2014, 172, 217-228.	0.3	16
5	Characterization of self-polar convex functions. Bulletin Des Sciences Mathematiques, 2012, 136, 831-838.	1.0	15
6	On the Mean Width of Log-Concave Functions. Lecture Notes in Mathematics, 2012, , 355-372.	0.2	9
7	Banach limit in convexity and geometric means for convex bodies. Electronic Research Announcements in Mathematical Sciences, 2016, 23, 41-51.	0.6	6
8	Characterizing addition of convex sets by polynomiality of volume and by the homothety operation. Communications in Contemporary Mathematics, 2015, 17, 1450022.	1.2	5
9	Non-standard Constructions in Convex Geometry: Geometric Means of Convex Bodies. The IMA Volumes in Mathematics and Its Applications, 2017, , 361-390.	0.5	5
10	Reciprocals and Flowers in Convexity. Lecture Notes in Mathematics, 2020, , 199-227.	0.2	5
11	Algebraically inspired results on convex functions and bodies. Communications in Contemporary Mathematics, 2016, 18, 1650027.	1.2	3
12	Powers and logarithms of convex bodies. Comptes Rendus Mathematique, 2017, 355, 981-986.	0.3	3
13	$alpha$-concave functions and a functional extension of mixed volumes. Electronic Research Announcements in Mathematical Sciences, 2013, 20, 1-11.	0.6	3
14	Novel View on Classical Convexity Theory. Journal of Mathematical Physics, Analysis, Geometry, 2020, 16, 291-311.	0.1	2
15	Several Results Regarding the (B)-Conjecture. Lecture Notes in Mathematics, 2020, , 247-262.	0.2	2
16	A Riesz representation theorem for functionals on log-concave functions. Journal of Functional Analysis, 2022, 282, 109396.	1.4	1