

# Liran Rotem

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A Riesz representation theorem for functionals on log-concave functions. Journal of Functional Analysis, 2022, 282, 109396.	1.4	1
2	Reciprocals and Flowers in Convexity. Lecture Notes in Mathematics, 2020, , 199-227.	0.2	5
3	Novel View on Classical Convexity Theory. Journal of Mathematical Physics, Analysis, Geometry, 2020, 16, 291-311.	0.1	2
4	Several Results Regarding the (B)-Conjecture. Lecture Notes in Mathematics, 2020, , 247-262.	0.2	2
5	Powers and logarithms of convex bodies. Comptes Rendus Mathematique, 2017, 355, 981-986.	0.3	3
6	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
7	Algebraically inspired results on convex functions and bodies. Communications in Contemporary Mathematics, 2016, 18, 1650027.	1.2	3
8	Banach limit in convexity and geometric means for convex bodies. Electronic Research Announcements in Mathematical Sciences, 2016, 23, 41-51.	0.6	6
9	Characterizing addition of convex sets by polynomiality of volume and by the homothety operation. Communications in Contemporary Mathematics, 2015, 17, 1450022.	1.2	5
10	A sharp Blaschke-Santaló inequality for $\alpha$ -concave functions. Geometriae Dedicata, 2014, 172, 217-228.	0.3	16
11	Complemented Brunn-Minkowski inequalities and isoperimetry for homogeneous and non-homogeneous measures. Advances in Mathematics, 2014, 262, 867-908.	1.1	38
12	Mixed integrals and related inequalities. Journal of Functional Analysis, 2013, 264, 570-604.	1.4	33
13	Support functions and mean width for $\alpha$ -concave functions. Advances in Mathematics, 2013, 243, 168-186.	1.1	26
14	$\alpha$ -concave functions and a functional extension of mixed volumes. Electronic Research Announcements in Mathematical Sciences, 2013, 20, 1-11.	0.6	3
15	Characterization of self-polar convex functions. Bulletin Des Sciences Mathematiques, 2012, 136, 831-838.	1.0	15
16	On the Mean Width of Log-Concave Functions. Lecture Notes in Mathematics, 2012, , 355-372.	0.2	9