Dmitriy Bilyk

List of Publications by Year
in descending order

16	226	1307594 7	1058476 14
papers	citations	h-index	g-index

17	17	17	61
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Small Ball Inequality in all dimensions. Journal of Functional Analysis, 2008, 254, 2470-2502.	1.4	89
2	On the small ball inequality in three dimensions. Duke Mathematical Journal, 2008, 143, .	1.5	36
3	The Stolarsky Principle and Energy Optimization on the Sphere. Constructive Approximation, 2018, 48, 31-60.	3.0	21
4	Exponential Squared Integrability of the Discrepancy Function in Two Dimensions. Mathematika, 2009, 55, 1-27.	0.5	16
5	Geodesic distance Riesz energy on the sphere. Transactions of the American Mathematical Society, 2019, 372, 3141-3166.	0.9	10
6	On the Fejes TÃ³th problem about the sum of angles between lines. Proceedings of the American Mathematical Society, 2018, 147, 51-59.	0.8	9
7	BMO and exponential Orlicz space estimates of the discrepancy function in arbitrary dimension. Journal D'Analyse Mathematique, 2018, 135, 249-269.	0.8	5
8	General and refined Montgomery Lemmata. Mathematische Annalen, 2019, 373, 1283-1297.	1.4	5
9	Energy on spheres and discreteness of minimizing measures. Journal of Functional Analysis, 2021, 280, 108995.	1.4	5
10	Optimal measures for p-frame energies on spheres. Revista Matematica Iberoamericana, 2022, 38, 1129-1160.	0.9	5
11	Composition of Haar paraproducts: the random case. Analysis Mathematica, 2009, 35, 1-13.	0.5	3
12	The Two-Dimensional Small Ball Inequality and Binary Nets. Journal of Fourier Analysis and Applications, 2017, 23, 817-833.	1.0	3
13	Dichotomy results for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:m of the discrepancy function. Journal of Mathematical Analysis and Applications, 2014, 410, 1-6.	1.0	1
14	Potential theory with multivariate kernels. Mathematische Zeitschrift, 0, , 1.	0.9	1
15	Positive definiteness and the Stolarsky invariance principle. Journal of Mathematical Analysis and Applications, 2022, , 126220.	1.0	1
16	1. On some recent developments in uniform distribution and discrepancy theory. , 2020, , 1-20.		0