

# Arnaud Marsiglietti

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

121  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variants of the Entropy Power Inequality. IEEE Transactions on Information Theory, 2017, 63, 7747-7752.	2.4	27
2	A Lower Bound on the Differential Entropy of Log-Concave Random Vectors with Applications. Entropy, 2018, 20, 185.	2.2	27
3	On the Entropy Power Inequality for the Rényi Entropy of Order $[0, 1]$ . IEEE Transactions on Information Theory, 2019, 65, 1387-1396.	2.4	19
4	On the analogue of the concavity of entropy power in the Brunn-Minkowski theory. Advances in Applied Mathematics, 2014, 57, 1-20.	0.7	16
5	Further Investigations of Rényi Entropy Power Inequalities and an Entropic Characterization of $s$ -Concave Densities. Lecture Notes in Mathematics, 2020, , 95-123.	0.2	11
6	Concentration functions and entropy bounds for discrete log-concave distributions. Combinatorics Probability and Computing, 2022, 31, 54-72.	1.3	8
7	Rényi Entropy Power Inequalities for $s$ -concave Densities. , 2019, , .		5
8	A Rényi Entropy Power Inequality for Log-Concave Vectors and Parameters in $[0, 1]$ . , 2018, , .		4
9	Entropic CLT for Smoothed Convolutions and Associated Entropy Bounds. International Mathematics Research Notices, 2020, 2020, 8057-8080.	1.0	2
10	Asymptotic Behavior of Rényi Entropy in the Central Limit Theorem. Progress in Probability, 2019, , 169-200.	0.3	2
11	New Connections Between the Entropy Power Inequality and Geometric Inequalities. , 2018, , .		0
12	Entropic Central Limit Theorem for Rényi Entropy. , 2019, , .		0