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## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Liouville theorems for symmetric diffusion operators on complete Riemannian manifolds. Journal Des Mathematiques Pures Et Appliquees, 2005, 84, 1295-1361.	1.6	184
2	Two generalizations of Cheeger-Gromoll splitting theorem via Bakry-Emery Ricci curvature. Annales De L'Institut Fourier, 2009, 59, 563-573.	0.6	63
3	On the first eigenvalue of the Witten Laplacian and the diameter of compact shrinking solitons. Annals of Global Analysis and Geometry, 2013, 44, 105-114.	0.6	52
4	Perelman's entropy formula for the Witten Laplacian on Riemannian manifolds via Bakry-Emery Ricci curvature. Mathematische Annalen, 2012, 353, 403-437.	1.4	44
5	Hamilton's Harnack inequality and the $W$ -entropy formula on complete Riemannian manifolds. Stochastic Processes and Their Applications, 2016, 126, 1264-1283.	0.9	20
6	The $W$ -entropy formula for the Witten Laplacian on manifolds with time dependent metrics and potentials. Pacific Journal of Mathematics, 2015, 278, 173-199.	0.5	19
7	Hamilton differential Harnack inequality and $W$ -entropy for Witten Laplacian on Riemannian manifolds. Journal of Functional Analysis, 2018, 274, 3263-3290.	1.4	18
8	On Harnack inequalities for Witten Laplacian on Riemannian manifolds with super Ricci flows. Asian Journal of Mathematics, 2018, 22, 577-598.	0.3	16
9	$W$ -Entropy, Super Perelman Ricci Flows, and $(K, \hat{A}m)$ -Ricci Solitons. Journal of Geometric Analysis, 2020, 30, 3149-3180.	1.0	15
10	$W$ -entropy formulas on super Ricci flows and Langevin deformation on Wasserstein space over Riemannian manifolds. Science China Mathematics, 2018, 61, 1385-1406.	1.7	11
11	On the Law of Large Numbers for the Empirical Measure Process of Generalized Dyson Brownian Motion. Journal of Statistical Physics, 2020, 181, 1277-1305.	1.2	11
12	Perelman's $W$ -entropy for the Fokker-Planck equation over complete Riemannian manifolds. Bulletin Des Sciences Mathematiques, 2011, 135, 871-882.	1.0	10
13	$L^p$ -estimates and existence theorems for the $\Delta^*$ -operator on complete Kähler manifolds. Advances in Mathematics, 2010, 224, 620-647.	1.1	7
14	On the weak $L^p$ -Hodge decomposition and Beurling-Ahlfors transforms on complete Riemannian manifolds. Probability Theory and Related Fields, 2011, 150, 111-144.	1.8	7
15	From the Boltzmann-H theorem to Perelman's $W$ -entropy formula for the Ricci flow. , 2013, , 68-84.		3
16	New Laplacian comparison theorem and its applications to diffusion processes on Riemannian manifolds. Bulletin of the London Mathematical Society, 0, , .	0.8	3
17	Monotonicity and rigidity of the $\mathcal{W}$ -entropy on $\mathsf{RCD}(0, N)$ spaces. Manuscripta Mathematica, 2021, 164, 119-149.	0.6	2