

# Xiangjin Xu

## List of Publications by Year in descending order

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13  
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#	ARTICLE	IF	CITATIONS
1	Gradient estimates for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="st1.gif overflow="scroll"> \langle \text{mml:msub}> \langle \text{mml:mi}> u \langle \text{mml:mi}> \langle \text{mml:mi}> t \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:mo}> = \langle \text{mml:mi}> \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:mi}> \langle \text{mml:mi}> F \langle \text{mml:mi}> \langle \text{mml:mo}> \langle \text{mml:mi}> u \langle \text{mml:mi}> \langle \text{mml:mo}> \langle \text{mml:math}> \text{on manifolds and some Liouville-type theorems, Journal of Differential Equations, 2012, 252, 1403-1420.$	2.2	25
2	Upper and lower bounds for normal derivatives of spectral clusters of Dirichlet Laplacian. Journal of Mathematical Analysis and Applications, 2012, 387, 374-383.	1.0	7
3	Hybrid State Feedback, Robust $H^\infty$ Control for a Class Switched Systems with Nonlinear Uncertainty. Lecture Notes in Electrical Engineering, 2012, , 197-202.	0.4	1
4	Eigenfunction estimates for Neumann Laplacian and applications to multiplier problems. Proceedings of the American Mathematical Society, 2011, 139, 3583-3583.	0.8	5
5	Differential Harnack inequalities on Riemannian manifolds I: Linear heat equation. Advances in Mathematics, 2011, 226, 4456-4491.	1.1	56
6	Gradient estimates for the eigenfunctions on compact manifolds with boundary and Hörmander Multiplier Theorem. Forum Mathematicum, 2009, 21, .	0.7	15
7	New proof of the Hörmander multiplier theorem on compact manifolds without boundary. Proceedings of the American Mathematical Society, 2007, 135, 1585-1595.	0.8	6
8	Homoclinic Orbits For First Order Hamiltonian Systems With Convex Potentials. Advanced Nonlinear Studies, 2006, 6, 399-410.	1.7	2
9	Subharmonics for First Order Convex Nonautonomous Hamiltonian Systems. Journal of Dynamics and Differential Equations, 2003, 15, 107-123.	1.9	3
10	Sub-harmonics of first order Hamiltonian systems and their asymptotic behaviors. Discrete and Continuous Dynamical Systems - Series B, 2003, 3, 643-654.	0.9	6
11	Homoclinic orbits for first order hamiltonian systems possessing super-quadratic potentials. Nonlinear Analysis: Theory, Methods & Applications, 2002, 51, 197-214.	1.1	8
12	Periodic solutions for non-autonomous Hamiltonian systems possessing super-quadratic potentials. Nonlinear Analysis: Theory, Methods & Applications, 2002, 51, 941-955.	1.1	9
13	Periodic solutions for a class of nonautonomous Hamiltonian systems. Nonlinear Analysis: Theory, Methods & Applications, 2000, 41, 455-463.	1.1	16