

Xiangjin Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Differential Harnack inequalities on Riemannian manifolds I: Linear heat equation. <i>Advances in Mathematics</i> , 2011, 226, 4456-4491.	1.1	56
2	Gradient estimates for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle u \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle F \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle u \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ on manifolds and some Liouville-type theorems. <i>Journal of Differential Equations</i> , 2012, 252, 1403-1420.	2.2	25
3	Periodic solutions for a class of nonautonomous Hamiltonian systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2000, 41, 455-463.	1.1	16
4	Gradient estimates for the eigenfunctions on compact manifolds with boundary and Hörmander Multiplier Theorem. <i>Forum Mathematicum</i> , 2009, 21, .	0.7	15
5	Periodic solutions for non-autonomous Hamiltonian systems possessing super-quadratic potentials. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2002, 51, 941-955.	1.1	9
6	Homoclinic orbits for first order hamiltonian systems possessing super-quadratic potentials. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2002, 51, 197-214.	1.1	8
7	Upper and lower bounds for normal derivatives of spectral clusters of Dirichlet Laplacian. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 387, 374-383.	1.0	7
8	New proof of the Hörmander multiplier theorem on compact manifolds without boundary. <i>Proceedings of the American Mathematical Society</i> , 2007, 135, 1585-1595.	0.8	6
9	Sub-harmonics of first order Hamiltonian systems and their asymptotic behaviors. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2003, 3, 643-654.	0.9	6
10	Eigenfunction estimates for Neumann Laplacian and applications to multiplier problems. <i>Proceedings of the American Mathematical Society</i> , 2011, 139, 3583-3583.	0.8	5
11	Subharmonics for First Order Convex Nonautonomous Hamiltonian Systems. <i>Journal of Dynamics and Differential Equations</i> , 2003, 15, 107-123.	1.9	3
12	Homoclinic Orbits For First Order Hamiltonian Systems With Convex Potentials. <i>Advanced Nonlinear Studies</i> , 2006, 6, 399-410.	1.7	2
13	Hybrid State Feedback, Robust H^∞ Control for a Class Switched Systems with Nonlinear Uncertainty. <i>Lecture Notes in Electrical Engineering</i> , 2012, , 197-202.	0.4	1