

Jia-Yong Wu

List of Publications by Year in descending order

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papers

351
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759233

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18
g-index

42
all docs

42
docs citations

42
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
19	A note on the splitting theorem for the weighted measure. <i>Annals of Global Analysis and Geometry</i> , 2013, 43, 287-298.	0.6	4
20	Counting ends on complete smooth metric measure spaces. <i>Proceedings of the American Mathematical Society</i> , 2015, 144, 2231-2239.	0.8	3
21	Gradient estimates for weighted harmonic function with Dirichlet boundary condition. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2021, 213, 112498.	1.1	3
22	Sharp gradient estimates on weighted manifolds with compact boundary. <i>Communications on Pure and Applied Analysis</i> , 2021, 20, 4127.	0.8	3
23	Gradient estimates for a nonlinear parabolic equation with Dirichlet boundary condition. <i>Kodai Mathematical Journal</i> , 2022, 45, .	0.3	3
24	The logarithmic entropy formula for the linear heat equation on Riemannian manifolds. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 4862-4872.	1.1	2
25	Sharp Hamilton's Laplacian estimate for the heat kernel on complete manifolds. <i>Proceedings of the American Mathematical Society</i> , 2013, 141, 4401-4409.	0.8	2
26	Sharp upper diameter bounds for compact shrinking Ricci solitons. <i>Annals of Global Analysis and Geometry</i> , 2021, 60, 19-32.	0.6	2
27	Some extensions of the mean curvature flow in riemannian manifolds. <i>Acta Mathematica Scientia</i> , 2013, 33, 171-186.	1.0	1
28	Pinching estimates for solutions of the linearized Ricci flow system in higher dimensions. <i>Differential Geometry and Its Applications</i> , 2016, 46, 108-118.	0.5	1
29	New Differential Harnack Inequalities for Nonlinear Heat Equations. <i>Chinese Annals of Mathematics Series B</i> , 2020, 41, 267-284.	0.4	1
30	Myers's Type Theorem for Integral Bakry's Ricci Tensor Bounds. <i>Results in Mathematics</i> , 2021, 76, 1. 0.8	0.8	1
31	LIUVILLE PROPERTY FOR λ -HARMONIC FUNCTIONS WITH POLYNOMIAL GROWTH. <i>Kyushu Journal of Mathematics</i> , 2019, 73, 229-238.	0.4	1
32	Gap theorems for ends of smooth metric measure spaces. <i>Proceedings of the American Mathematical Society</i> , 2022, 150, 4947-4957.	0.8	1
33	Diameter estimate for closed manifolds with positive scalar curvature. <i>Journal of Geometry and Physics</i> , 2022, 178, 104545.	1.4	1
34	Time Analyticity for the Heat Equation on Gradient Shrinking Ricci Solitons. <i>Acta Mathematica Scientia</i> , 2022, 42, 1690-1700.	1.0	1
35	Ricci Deformation of the Metric on Riemannian Orbifolds. <i>Results in Mathematics</i> , 2010, 57, 377-386.	0.8	0
36	Interpolating between constrained Li-Yau and Chow's Hamilton Harnack inequalities for a nonlinear parabolic equation. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 396, 363-370.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Rigidity of closed metric measure spaces with nonnegative curvature. Kodai Mathematical Journal, 2016, 39, .	0.3	0
38	Schrödinger heat kernel upper bounds on gradient shrinking Ricci solitons. Journal of Geometry and Physics, 2021, 161, 104035.	1.4	0
39	Comparison Geometry for Integral Radial Bakry-Émery Ricci Tensor Bounds. Potential Analysis, 0, , 1.	0.9	0
40	Cheeger-Gromoll splitting theorem for the Bakry-Émery Ricci tensor. Archiv Der Mathematik, 2021, 117, 697-708.	0.5	0