Songbo Hou

List of Publications by Year
in descending order

9 papers	38 citations	2258059 3 h-index	1872680 6 g-index

9 all docs	9 docs citations	9 times ranked	9 citing authors

#	Article	IF	Citations
1	Estimate and monotonicity of the first eigenvalue under the Ricci flow. Mathematische Annalen, 2012, 354, 451-463.	1.4	20
2	Existence of solutions to Chern–Simons–Higgs equations on graphs. Calculus of Variations and Partial Differential Equations, 2022, 61, .	1.7	8
3	Harnack estimate for a semilinear parabolic equation. Science China Mathematics, 2017, 60, 833-840.	1.7	6
4	Extremal functions for a singular Hardy-Moser-Trudinger inequality. Science China Mathematics, 2019, 62, 2557-2570.	1.7	2
5	Quasi-convergence of the Ricci flow on locally homogeneous closed 4-manifolds. Differential Geometry and Its Applications, 2017, 52, 20-41.	0.5	1
6	Extremal functions for Trudinger–Moser inequalities with nonnegative weights. Journal of Inequalities and Applications, 2018, 2018, 125.	1.1	1
7	CRITICAL DOMAINS OF THE EIGENVALUE RATIOS OF THE DIRICHLET LAPLACIAN. International Journal of Mathematics, 2010, 21, 349-355.	0.5	0
8	Critical metrics of the eigenvalue gaps of Laplace–Beltrami operators. Mathematische Nachrichten, 2011, 284, 1446-1452.	0.8	0
9	Eigenvalues of the Laplace operator with potential under the backward Ricci flow on locally homogeneous 3-manifolds. Manuscripta Mathematica, 2022, 167, 703-719.	0.6	0