

Paul Yang

List of Publications by Year in descending order

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all docs

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docs citations

24
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	An a priori estimate for a fully nonlinear equation on four-manifolds. Journal D'Analyse Mathematique, 2002, 87, 151-186.	0.8	92
2	Existence and uniqueness for P-area minimizers in the Heisenberg group. Mathematische Annalen, 2006, 337, 253-293.	1.4	48
3	Regularity of C^1 smooth surfaces with prescribed p-mean curvature in the Heisenberg group. Mathematische Annalen, 2009, 344, 1-35.	1.4	33
4	Embeddability for 3-dimensional Cauchy-Riemann manifolds and CR Yamabe invariants. Duke Mathematical Journal, 2012, 161, .	1.5	31
5	Classification of singular radial solutions to the $\Delta_{\mathbb{H}^n} u = f(u)$ equation. Journal of Differential Equations, 2011, 2011, 1-15.	2.2	30
6	Title is missing!. International Mathematics Research Notices, 2004, 2004, 185.	1.0	26
7	A positive mass theorem in three dimensional Cauchy-Riemann geometry. Advances in Mathematics, 2017, 308, 276-347.	1.1	22
8	Uniformization of spherical CR manifolds. Advances in Mathematics, 2014, 255, 182-216.	1.1	18
9	On a Conformal Gap and Finiteness Theorem for a Class of Four-Manifolds. Geometric and Functional Analysis, 2007, 17, 404-434.	1.8	16
10	A Codazzi-like equation and the singular set for C^1 smooth surfaces in the Heisenberg group. Journal Fur Die Reine Und Angewandte Mathematik, 2012, 2012, .	0.9	10
11	Umbilicity and characterization of Pansu spheres in the Heisenberg group. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 203-235.	0.9	10
12	The CR Paneitz operator and the stability of CR pluriharmonic functions. Advances in Mathematics, 2016, 287, 109-122.	1.1	7
13	On the prescribing $\int_{\Sigma} K$ curvature equation on S^4 . Calculus of Variations and Partial Differential Equations, 2011, 40, 539-565.	1.7	6
14	A remark on the kernel of the CR Paneitz operator. Nonlinear Analysis: Theory, Methods & Applications, 2015, 126, 153-158.	1.1	4
15	Extremal metrics for the Q^2 -curvature in three dimensions. Comptes Rendus Mathematique, 2016, 354, 407-410.	0.3	3
16	Umbilic hypersurfaces of constant σ_k curvature in the Heisenberg group. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	3
17	Strong maximum principle for mean curvature operators on subRiemannian manifolds. Mathematische Annalen, 2018, 372, 1393-1435.	1.4	3
18	Invariant surface area functionals and singular Yamabe problem in 3-dimensional CR geometry. Advances in Mathematics, 2018, 335, 405-465.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Extremal metrics for the Q^{\prime} -curvature in three dimensions. Journal of the European Mathematical Society, 2018, 21, 585-626.	1.4	2
20	A Positive Mass Theorem in Three Dimensional Cauchy-Riemann Geometry. Trends in Mathematics, 2015, , 3-8.	0.1	1
21	Pseudo-Hermitian Geometry in 3-D. Milan Journal of Mathematics, 2011, 79, 181-191.	1.1	0
22	On the Sobolev-Poincaré Inequality of CR-manifolds. International Mathematics Research Notices, 2020, 2020, 5661-5678.	1.0	0
23	Minimal Surfaces in CR Geometry. Lecture Notes in Mathematics, 2009, , 253-273.	0.2	0