

# Paul Yang

## List of Publications by Year in descending order

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papers

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citations

1040056

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794594

19  
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all docs

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docs citations

24  
times ranked

86  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | On the Sobolev-Poincaré Inequality of CR-manifolds. International Mathematics Research Notices, 2020, 2020, 5661-5678.   | 1.0 | 0         |
| 2  | Umbilicity and characterization of Pansu spheres in the Heisenberg group. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 203-235.                | 0.9 | 10        |
| 3  | Strong maximum principle for mean curvature operators on subRiemannian manifolds. Mathematische Annalen, 2018, 372, 1393-1435.                                 | 1.4 | 3         |
| 4  | Invariant surface area functionals and singular Yamabe problem in 3-dimensional CR geometry. Advances in Mathematics, 2018, 335, 405-465.                      | 1.1 | 2         |
| 5  | Extremal metrics for the $Q^{\prime}$ -curvature in three dimensions. Journal of the European Mathematical Society, 2018, 21, 585-626.                         | 1.4 | 2         |
| 6  | A positive mass theorem in three dimensional Cauchy-Riemann geometry. Advances in Mathematics, 2017, 308, 276-347.   | 1.1 | 22        |
| 7  | Extremal metrics for the $Q^2$ -curvature in three dimensions. Comptes Rendus Mathematique, 2016, 354, 407-410.  | 0.3 | 3         |
| 8  | Umbilic hypersurfaces of constant $\sigma_k$ curvature in the Heisenberg group. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.        | 1.7 | 3         |
| 9  | The CR Paneitz operator and the stability of CR pluriharmonic functions. Advances in Mathematics, 2016, 287, 109-122.  | 1.1 | 7         |
| 10 | A remark on the kernel of the CR Paneitz operator. Nonlinear Analysis: Theory, Methods & Applications, 2015, 126, 153-158.                                     | 1.1 | 4         |
| 11 | A Positive Mass Theorem in Three Dimensional Cauchy-Riemann Geometry. Trends in Mathematics, 2015, , 3-8.  | 0.1 | 1         |
| 12 | Uniformization of spherical CR manifolds. Advances in Mathematics, 2014, 255, 182-216.   | 1.1 | 18        |
| 13 | 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        |
| 14 | Embeddability for 3-dimensional Cauchy-Riemann manifolds and CR Yamabe invariants. Duke Mathematical Journal, 2012, 161, .                                     | 1.5 | 31        |
| 15 | On the prescribing $\check{f}_2$ curvature equation on $\mathbb{S}^4$ . Calculus of Variations and Partial Differential Equations, 2011, 40, 539-565.          | 1.7 | 6         |
| 16 | Pseudo-Hermitian Geometry in 3-D. Milan Journal of Mathematics, 2011, 79, 181-191.   | 1.1 | 0         |
| 17 | Regularity of $C^1$ smooth surfaces with prescribed $p$ -mean curvature in the Heisenberg group. Mathematische Annalen, 2009, 344, 1-35.                       | 1.4 | 33        |
| 18 | Minimal Surfaces in CR Geometry. Lecture Notes in Mathematics, 2009, , 253-273.  | 0.2 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | On a Conformal Gap and Finiteness Theorem for a Class of Four-Manifolds. Geometric and Functional Analysis, 2007, 17, 404-434.                               | 1.8 | 16        |
| 20 | Existence and uniqueness for P-area minimizers in the Heisenberg group. Mathematische Annalen, 2006, 337, 253-293.   | 1.4 | 48        |
| 21 | Existence of singular radial solutions to the $\Delta u = \lambda  u ^{p-2} u$ in the Heisenberg group. Journal of Differential Equations, 2007, 2007, 1-15. | 2.2 | 30        |
| 22 | Title is missing!. International Mathematics Research Notices, 2004, 2004, 185.  | 1.0 | 26        |
| 23 | An a priori estimate for a fully nonlinear equation on four-manifolds. Journal D'Analyse Mathématique, 2002, 87, 151-186.                                    | 0.8 | 92        |