Hans-Joachim Hein

List of Publications by Year
in descending order

13 papers	249 citations	1163117 8 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	90 citing authors

#	Article	IF	Citations
1	Calabi-Yau manifolds with isolated conical singularities. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 2017, 126, 73-130.	4.3	42
2	Asymptotically conical Calabi–Yau manifolds, I. Duke Mathematical Journal, 2013, 162, .	1.5	41
3	Gravitational instantons from rational elliptic surfaces. Journal of the American Mathematical Society, 2012, 25, 355-393.	3.9	36
4	Asymptotically cylindrical Calabi–Yau manifolds. Journal of Differential Geometry, 2015, 101, .	1.1	30
5	New Logarithmic Sobolev Inequalities and an É›â€Regularity Theorem for the Ricci Flow. Communications on Pure and Applied Mathematics, 2014, 67, 1543-1561.	3.1	26
6	Asymptotically conical Calabi–Yau metrics on quasi-projective varieties. Geometric and Functional Analysis, 2015, 25, 517-552.	1.8	18
7	Weighted Sobolev inequalities under lower Ricci curvature bounds. Proceedings of the American Mathematical Society, 2011, 139, 2943-2955.	0.8	12
8	Mass in Kähler Geometry. Communications in Mathematical Physics, 2016, 347, 183-221.	2.2	12
9	Nilpotent structures and collapsing Ricci-flat metrics on the K3 surface. Journal of the American Mathematical Society, 2021, 35, 123-209.	3.9	11
10	Higher-order estimates for collapsing Calabi–Yau metrics. Cambridge Journal of Mathematics, 2020, 8, 683-773.	1.5	8
11	A Liouville Theorem for the Complex Monge–Ampère Equation on Product Manifolds. Communications on Pure and Applied Mathematics, 2019, 72, 122-135.	3.1	7
12	Remarks on the collapsing of torus fibered Calabi–Yau manifolds. Bulletin of the London Mathematical Society, 2015, 47, bdv067.	0.8	6
13	On the Classification of ALE Kähler Manifolds. International Mathematics Research Notices, 2020, , .	1.0	0