TamÃ¡s Darvas

List of Publications by Year
in descending order

23 papers	548 citations	623734 14 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	55 citing authors

#	Article	IF	Citations
1	Optimal asymptotic of the J functional with respect to the $$d_1$$ metric. Selecta Mathematica, New Series, 2022, 28, 1.	1.0	1
2	The closures of test configurations and algebraic singularity types. Advances in Mathematics, 2022, 397, 108198.	1.1	6
3	Griffiths Extremality, Interpolation of Norms, and KÃhler Quantization. Journal of Geometric Analysis, 2022, 32, .	1.0	1
4	Log-concavity of volume and complex Mongeâ€“AmpÃ¨re equations with prescribed singularity. Mathematische Annalen, 2021, 379, 95-132.	1.4	19
5	The metric geometry of singularity types. Journal Fur Die Reine Und Angewandte Mathematik, 2021, 2021, 137-170.	0.9	26
6	Quantization in Geometric Pluripotential Theory. Communications on Pure and Applied Mathematics, 2020, 73, 1100-1138.	3.1	9
7	Geodesic stability, the space of rays and uniform convexity in Mabuchi geometry. Geometry and Topology, 2020, 24, 1907-1967.	1.3	16
8	Regularity of weak minimizers of the K-energy and applications to properness and K-stability. Annales Scientifiques De L'Ecole Normale Superieure, 2020, 53, 267-289.	0.8	24
9	Compactness of KÃhler metrics with bounds on Ricci curvature and $${mathcal {I}}$$ functional. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	3
10	A minimum principle for Lagrangian graphs. Communications in Analysis and Geometry, 2019, 27, 857-876.	0.4	3
11	On the singularity type of full mass currents in bigÂcohomology classes. Compositio Mathematica, 2018, 154, 380-409.	0.8	31
12	Monotonicity of nonpluripolar products and complex Mongeâ€“AmpÃ¨re equations with prescribed singularity. Analysis and PDE, 2018, 11, 2049-2087.	1.4	43
13	L^1 metric geometry of big cohomology classes. Annales De L'Institut Fourier, 2018, 68, 3053-3086.	0.6	19
14	Tianâ€™s properness conjectures and Finsler geometry of the space of KÃhler metrics. Journal of the American Mathematical Society, 2017, 30, 347-387.	3.9	66
15	Convexity of the extended K-energy and the large time behavior of the weak Calabi flow. Geometry and Topology, 2017, 21, 2945-2988.	1.3	43
16	WEAK GEODESIC RAYS IN THE SPACE OF KÃ„HLER POTENTIALS AND THE CLASS. Journal of the Institute of Mathematics of Jussieu, 2017, 16, 837-858.	0.7	28
17	The Mabuchi completion of the space of KÃhler potentials. American Journal of Mathematics, 2017, 139, 1275-1313.	1.1	41
18	Geodesic rays and KÃhlerâ€“Ricci trajectories on Fano manifolds. Transactions of the American Mathematical Society, 2017, 369, 5069-5085.	0.9	14

#	Article	IF	Citations
19	Kiselman's principle, the Dirichlet problem for the Mongeâ€“AmpÃ¨re equation, and rooftop obstacle problems. Journal of the Mathematical Society of Japan, 2016, 68, .	0.4	18
20	Erratum to â€œMetric geometry of normal KÃhler spaces, energy properness, and existence of canonical metricsâ€• International Mathematics Research Notices, 2016, , rnw268.	1.0	1
21	The Mabuchi geometry of finite energy classes. Advances in Mathematics, 2015, 285, 182-219.	1.1	67
22	Morse theory and geodesics in the space of KÃhler metrics. Proceedings of the American Mathematical Society, 2014, 142, 2775-2782.	0.8	18
23	Weak geodesics in the space of KÃhler metrics. Mathematical Research Letters, 2012, 19, 1127-1135.	0.5	33