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List of Publications by Year
in descending order

31 papers	262 citations	1040056 9 h-index	996975 15 g-index
31 all docs	31 docs citations	31 times ranked	100 citing authors

#	Article	IF	Citations
1	On approximating minimizers of convex functionals with a convexity constraint by singular Abreu equations without uniform convexity. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 356-376.	1.2	2
2	Uniqueness for a system of Monge–Ampère equations. Methods and Applications of Analysis, 2021, 28, 15-30.	0.5	0
3	Solvability of a Class of Singular Fourth Order Equations of Monge–Ampère Type. Annals of PDE, 2021, 7, 1.	1.8	1
4	On singular Abreu equations in higher dimensions. Journal D'Analyse Mathematique, 2021, 144, 191-205.	0.8	0
5	Global Hölder estimates for 2D linearized Monge–Ampère equations with right-hand side in divergence form. Journal of Mathematical Analysis and Applications, 2020, 485, 123865.	1.0	7
6	Singular Abreu Equations and Minimizers of Convex Functionals with a Convexity Constraint. Communications on Pure and Applied Mathematics, 2020, 73, 2248-2283.	3.1	4
7	Asymptotic behavior of Allen–Cahn-type energies and Neumann eigenvalues via inner variations. Annali Di Matematica Pura Ed Applicata, 2019, 198, 1257-1293.	1.0	1
8	Hölder Regularity of the 2D Dual Semigeostrophic Equations via Analysis of Linearized Monge–Ampère Equations. Communications in Mathematical Physics, 2018, 360, 271-305.	2.2	3
9	On the Harnack inequality for degenerate and singular elliptic equations with unbounded lower order terms via sliding paraboloids. Communications in Contemporary Mathematics, 2018, 20, 1750012.	1.2	6
10	Global $W^{1,p}$ estimates for solutions to the linearized Monge–Ampère equations. Journal of Geometric Analysis, 2017, 27, 1751-1788.	1.0	5
11	Dynamical and Geometric Aspects of Hamilton-Jacobi and Linearized Monge-Ampère Equations. Lecture Notes in Mathematics, 2017, , .	0.2	5
12	Schauder estimates for degenerate Monge–Ampère equations and smoothness of the eigenfunctions. Inventiones Mathematicae, 2017, 207, 389-423.	2.5	19
13	Boundary Harnack inequality for the linearized Monge-Ampère equations and applications. Transactions of the American Mathematical Society, 2017, 369, 6583-6611.	0.9	6
14	The Linearized Monge-Ampère Equation. Lecture Notes in Mathematics, 2017, , 35-72.	0.2	0
15	The Affine Bernstein and Boundary Value Problems. Lecture Notes in Mathematics, 2017, , 7-33.	0.2	0
16	The Monge-Ampère Equation. Lecture Notes in Mathematics, 2017, , 73-123.	0.2	0
17	Remarks on the Green's function of the linearized Monge–Ampère operator. Manuscripta Mathematica, 2016, 149, 45-62.	0.6	6
18	W4,p solution to the second boundary value problem of the prescribed affine mean curvature and Abreu's equations. Journal of Differential Equations, 2016, 260, 4285-4300.	2.2	14

#	Article	IF	Citations
19	On the second inner variations of Allenâ€"Cahn type energies and applications to local minimizers. Journal Des Mathematiques Pures Et Appliquees, 2015, 103, 1317-1345.	1.6	6
20	On boundary HÃ¶lder gradient estimates for solutions to the linearized Monge-AmpÃ¨re equations. Proceedings of the American Mathematical Society, 2014, 143, 1605-1615.	0.8	4
21	Global $$W^{2,p}$$ W 2 , p estimates for solutions to the linearized Mongeâ€"AmpÃ¨re equations. Mathematische Annalen, 2014, 358, 629-700.	1.4	8
22	Global Second Derivative Estimates for the Second Boundary Value Problem of the Prescribed Affine Mean Curvature and Abreu's Equations. International Mathematics Research Notices, 2013, 2013, 2421-2438.	1.0	8
23	Geometric properties of boundary sections of solutions to the Mongeâ€"AmpÃ¨re equation and applications. Journal of Functional Analysis, 2013, 264, 337-361.	1.4	8
24	Remarks on the curvature behavior at the first singular time of the Ricci flow. Pacific Journal of Mathematics, 2012, 255, 155-175.	0.5	10
25	On the second inner variation of the Allen-Cahn functional and its applications. Indiana University Mathematics Journal, 2011, 60, 1843-1856.	0.9	10
26	Blow up of subcritical quantities at the first singular time of the mean curvature flow. Geometriae Dedicata, 2011, 151, 361-371.	0.3	6
27	On the extension of the mean curvature flow. Mathematische Zeitschrift, 2011, 267, 583-604.	0.9	24
28	Blow-up rate of the mean curvature during the mean curvature flow and a gap theorem for self-shrinkers. Communications in Analysis and Geometry, 2011, 19, 633-659.	0.4	47
29	The mean curvature at the first singular time of the mean curvature flow. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2010, 27, 1441-1459.	1.4	15
30	On the Convergence of the Ohtaâ€"Kawasaki Equation to Motion by Nonlocal Mullinsâ€"Sekerka Law. SIAM Journal on Mathematical Analysis, 2010, 42, 1602-1638.	1.9	15
31	A Gamma-convergence approach to the Cahnâ€"Hilliard equation. Calculus of Variations and Partial Differential Equations, 2008, 32, 499-522.	1.7	22