Ahmed Mohammed

List of Publications by Year
in descending order

43 papers	479 citations	759233 12 h-index	713466 21 g-index
43 all docs	43 docs citations	43 times ranked	117 citing authors

#	Article	IF	Citations
1	Boundary asymptotic and uniqueness of solutions to the p-Laplacian with infinite boundary values. Journal of Mathematical Analysis and Applications, 2007, 325, 480-489.	1.0	60
2	Existence and asymptotic behavior of blow-up solutions to weighted quasilinear equations. Journal of Mathematical Analysis and Applications, 2004, 298, 621-637.	1.0	44
3	Blow-up solutions for fully nonlinear equations: Existence, asymptotic estimates and uniqueness. Advances in Nonlinear Analysis, 2020, 9, 39-64.	2.6	44
4	Positive solutions of the p-Laplace equation with singular nonlinearity. Journal of Mathematical Analysis and Applications, 2009, 352, 234-245.	1.0	37
5	On the existence of solutions to the Monge-Ampère equation with infinite boundary values. Proceedings of the American Mathematical Society, 2006, 135, 141-149.	0.8	30
6	Existence and estimates of solutions to a singular Dirichlet problem for the Monge–Ampère equation. Journal of Mathematical Analysis and Applications, 2008, 340, 1226-1234.	1.0	25
7	Large solutions to some non-linear O.D.E. with singular coefficients. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 513-524.	1.1	24
8	On solutions to Dirichlet problems involving the infinity-Laplacian. Advances in Calculus of Variations, 2011, 4, .	1.2	24
9	On boundary blow-up solutions to equations involving the -Laplacian. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 5238-5252.	1.1	21
10	Boundary blow-up solutions to degenerate elliptic equations with non-monotone inhomogeneous terms. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 3249-3261.	1.1	18
11	Ground state solutions for singular semi-linear elliptic equations. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1276-1280.	1.1	17
12	Harnack's inequality for solutions of some degenerate elliptic equations. Revista Matematica Iberoamericana, 2002, 18, 325-354.	0.9	14
13	Singular boundary value problems for the Monge–Ampère equation. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 457-464.	1.1	11
14	Harnack inequality for nonlinear elliptic equations with strong absorption. Journal of Differential Equations, 2017, 263, 6821-6843.	2.2	9
15	Large solutions to semi-linear elliptic systems with variable exponents. Journal of Mathematical Analysis and Applications, 2014, 420, 1478-1499.	1.0	8
16	Large solutions to non-divergence structure semilinear elliptic equations with inhomogeneous term. Advances in Nonlinear Analysis, 2017, 8, 517-532.	2.6	8
17	Entire large solutions of semilinear elliptic equations of mixed type. Communications on Pure and Applied Analysis, 2009, 8, 1607-1618.	0.8	8
18	On Monge-Ampère equations with nonlinear gradient terms – Infinite boundary value problems. Journal of Differential Equations, 2021, 300, 426-457.	2.2	7

#	Article	IF	Citations
19	Harnack inequality for non-divergence structure semi-linear elliptic equations. Advances in Nonlinear Analysis, 2018, 7, 259-269.	2.6	6
20	On the strong maximum principle. Complex Variables and Elliptic Equations, 2020, 65, 1299-1314.	0.8	6
21	Maximum Principles for k-Hessian Equations with Lower Order Terms on Unbounded Domains. Journal of Geometric Analysis, 2021, 31, 3820-3862.	1.0	6
22	Large solutions for non-divergence structure equations with singular lower order terms. Nonlinear Analysis: Real World Applications, 2017, 35, 470-482.	1.7	5
23	Large solutions of fully nonlinear equations: existence and uniqueness. Nonlinear Differential Equations and Applications, 2019, 26, 1.	0.8	5
24	A Boundary-Value Problem for Normalized Finsler infinity-Laplacian Equations with Singular nonhomogeneous terms. Nonlinear Analysis: Theory, Methods & Applications, 2020, 190, 111588.	1.1	5
25	Extensions of a theorem of Cauchy–Liouville. Journal of Mathematical Analysis and Applications, 2010, 369, 222-231.	1.0	4
26	Solutions of *p*-Laplace Equations with Infinite Boundary Values: The case of Non-Autonomous and Non-Monotone Nonlinearities. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 959-987.	0.3	4
27	Comparison principles for infinity-Laplace equations in Finsler metrics. Nonlinear Analysis: Theory, Methods & Applications, 2020, 190, 111605.	1.1	4
28	Infinity-Laplacian type equations and their associated Dirichlet problems. Complex Variables and Elliptic Equations, 2020, 65, 1139-1169.	0.8	3
29	Harnack inequality and an asymptotic mean-value property for the Finsler infinity-Laplacian. Advances in Calculus of Variations, 2021, 14, 365-382.	1.2	3
30	Maximum principles for ordinary differential inequalities of fourth and sixth order. Journal of Mathematical Analysis and Applications, 1990, 146, 408-419.	1.0	2
31	On Ground State Solutions to Mixed Type Singular Semi-Linear Elliptic Equations. Advanced Nonlinear Studies, 2010, 10, 231-244.	1.7	2
32	Entire Large Solutions to Elliptic Equations of Power Non-linearities with Variable Exponents. Advanced Nonlinear Studies, 2013, 13, 699-719.	1.7	2
33	A singular boundary value problem for a degenerate elliptic PDE. Nonlinear Analysis: Theory, Methods & Applications, 2015, 119, 222-234.	1.1	2
34	On bounded entire solutions of some quasilinear elliptic equations. Journal of Mathematical Analysis and Applications, 2017, 455, 263-291.	1.0	2
35	On Cauchy–Liouville-type theorems. Advances in Nonlinear Analysis, 2017, 8, 725-742.	2.6	2
36	On a strong maximum principle for fully nonlinear subelliptic equations with Hörmander condition. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	2

#	Article	IF	Citations
37	A Harnack Inequality for Ordinary Differential Equations. American Mathematical Monthly, 2005, 112, 32-41.	0.3	1
38	A Harnack Inequality for Ordinary Differential Equations. American Mathematical Monthly, 2005, 112, 32.	0.3	1
39	Isoperimetric inequalities for -Hessian equations. Advances in Nonlinear Analysis, 2012, 1, .	2.6	1
40	Extending the Constant Coefficient Solution Technique to Variable Coefficient Ordinary Differential Equations. Primus, 2015, 25, 485-494.	0.5	1
41	A sharp global estimate and an overdetermined problem for Monge-AmpÃ¨re type equations. Advanced Nonlinear Studies, 2022, 22, 1-14.	1.7	1
42	Harnackâ€™s inequality for second order linear ordinary differential inequalities. Involve, 2016, 9, 281-292.	0.2	0
43	Uniform integrability of approximate Green functions of some degenerate elliptic operators. Pacific Journal of Mathematics, 2001, 199, 467-492.	0.5	0