Wenxiong Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

44	3,539	218677	243625
papers	citations	26 h-index	44 g-index

45	45	45	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hopf's lemmas for parabolic fractional <i>p</i>-Laplacians. Communications on Pure and Applied Analysis, 2022, 21, 3055.	0.8	9
2	Asymptotic method of moving planes for fractional parabolic equations. Advances in Mathematics, 2021, 377, 107463.	1.1	25
3	Uniform a priori estimates for solutions of higher critical order fractional equations. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.	1.7	4
4	Monotonicity of positive solutions for nonlocal problems in unbounded domains. Journal of Functional Analysis, 2021, 281, 109187.	1.4	14
5	Nonexistence of solutions for indefinite fractional parabolic equations. Advances in Mathematics, 2021, 392, 108018.	1.1	9
6	Liouville Theorems for Fractional Parabolic Equations. Advanced Nonlinear Studies, 2021, 21, 939-958.	1.7	21
7	The sliding methods for the fractional p-Laplacian. Advances in Mathematics, 2020, 361, 106933.	1.1	48
8	A Hopf type lemma for fractional equations. Proceedings of the American Mathematical Society, 2019, 147, 1565-1575.	0.8	15
9	Maximum principles for the fractional p-Laplacian and symmetry of solutions. Advances in Mathematics, 2018, 335, 735-758.	1.1	94
10	A direct method of moving spheres on fractional order equations. Journal of Functional Analysis, 2017, 272, 4131-4157.	1.4	75
11	Maximum principles for a fully nonlinear fractional order equation and symmetry of solutions. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	60
12	A direct method of moving planes for the fractional Laplacian. Advances in Mathematics, 2017, 308, 404-437.	1.1	234
13	A direct blowing-up and rescaling argument on nonlocal elliptic equations. International Journal of Mathematics, 2016, 27, 1650064.	0.5	20
14	Indefinite fractional elliptic problem and Liouville theorems. Journal of Differential Equations, 2016, 260, 4758-4785.	2.2	81
15	Liouville theorems involving the fractional Laplacian on a half space. Advances in Mathematics, 2015, 274, 167-198.	1.1	131
16	Some Liouville theorems for the fractional Laplacian. Nonlinear Analysis: Theory, Methods & Applications, 2015, 121, 370-381.	1.1	31
17	Symmetry and non-existence of solutions for a nonlinear system involving the fractional Laplacian. Discrete and Continuous Dynamical Systems, 2015, 36, 1125-1141.	0.9	23
18	A Liouville theorem for $alpha$-harmonic functions in $mathbb{R}^n_+$. Discrete and Continuous Dynamical Systems, 2015, 36, 1721-1736.	0.9	11

#	Article	IF	Citations
19	Super poly-harmonic property of solutions for Navier boundary problems on a half space. Journal of Functional Analysis, 2013, 265, 1522-1555.	1.4	28
20	Super polyharmonic property of solutions for PDE systems and its applications. Communications on Pure and Applied Analysis, 2013, 12, 2497-2514.	0.8	40
21	Liouville type theorems for poly-harmonic Navier problems. Discrete and Continuous Dynamical Systems, 2013, 33, 3937-3955.	0.9	25
22	A Liouville type theorem for poly-harmonic Dirichlet problems in a half space. Advances in Mathematics, 2012, 229, 2835-2867.	1.1	78
23	Radial symmetry of solutions for some integral systems of Wolff type. Discrete and Continuous Dynamical Systems, 2011, 30, 1083-1093.	0.9	39
24	Radial symmetry and regularity of solutions for poly-harmonic Dirichlet problems. Journal of Mathematical Analysis and Applications, 2011, 377, 744-753.	1.0	22
25	Classification of positive solutions for nonlinear differential and integral systems with critical exponents. Acta Mathematica Scientia, 2009, 29, 949-960.	1.0	54
26	A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi mathvariant="normal">sup</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">inf</mml:mi></mml:math> inequality near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:mi>R</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:mn></mml:math>. Advances in Mathematics, 2009, 220, 219-245.	1.1	12
27	The best constant in a weighted Hardy-Littlewood-Sobolev inequality. Proceedings of the American Mathematical Society, 2007, 136, 955-963.	0.8	59
28	Classification of solutions for an integral equation. Communications on Pure and Applied Mathematics, 2006, 59, 330-343.	3.1	592
29	Classification of Solutions for a System of Integral Equations. Communications in Partial Differential Equations, 2005, 30, 59-65.	2.2	180
30	Regularity of solutions for a system of integral equations. Communications on Pure and Applied Analysis, 2005, 4, 1-8.	0.8	71
31	Qualitative properties of solutions for an integral equation. Discrete and Continuous Dynamical Systems, 2005, 12, 347-354.	0.9	139
32	Moving planes, moving spheres, and a priori estimates. Journal of Differential Equations, 2003, 195, 1-13.	2.2	29
33	Prescribing scalar curvature on Sn. Pacific Journal of Mathematics, 2001, 199, 61-78.	0.5	25
34	INDEFINITE ELLIPTIC PROBLEMS WITH CRITICAL EXPONENTS. , 1998, , 67-79.		1
35	A Priori Estimates for Prescribing Scalar Curvature Equations. Annals of Mathematics, 1997, 145, 547.	4.2	103
36	A necessary and sufficient condition for the nirenberg problem. Communications on Pure and Applied Mathematics, 1995, 48, 657-667.	3.1	72

#	Article	IF	Citations
37	What kinds of singular surfaces can admit constant curvature?. Duke Mathematical Journal, 1995, 78, 437.	1.5	43
38	A priori estimates for solutions to nonlinear elliptic equations. Archive for Rational Mechanics and Analysis, 1993, 122, 145-157.	2.4	24
39	Gaussian curvature on singular surfaces. Journal of Geometric Analysis, 1993, 3, 315-334.	1.0	13
40	Qualitative properties of solutions to some nonlinear elliptic equations in R2. Duke Mathematical Journal, 1993, 71, 427.	1.5	100
41	Classification of solutions of some nonlinear elliptic equations. Duke Mathematical Journal, 1991, 63, 615.	1.5	726
42	Prescribing gaussian curvatures on surfaces with conical singularities. Journal of Geometric Analysis, 1991, 1, 359-372.	1.0	94
43	A Trudinger Inequality on Surfaces with Conical Singularities. Proceedings of the American Mathematical Society, 1990, 108, 821.	0.8	19
44	Scalar Curvatures on S 2. Transactions of the American Mathematical Society, 1987, 303, 365.	0.9	44