

# Wei Dai

## List of Publications by Year in descending order

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papers

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citations

759233

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Liouville-Type Theorems for Fractional and Higher-Order Hardy Type Equations via the Method of Scaling Spheres. <i>International Mathematics Research Notices</i> , 2023, 2023, 9001-9070.	1.0	13
2	Monotonicity and symmetry of positive solutions to fractional p-Laplacian equation. <i>Communications in Contemporary Mathematics</i> , 2022, 24, .	1.2	8
3	Nonexistence of positive solutions to n-th order equations in $\mathbb{R}^n$ . <i>Bulletin Des Sciences Mathematiques</i> , 2022, 174, 103072.	1.0	1
4	Liouville theorems for nonnegative solutions to Hardy type system on a half space. <i>Annals of Functional Analysis</i> , 2022, 13, 1.	0.8	3
5	Liouville type theorems, a priori estimates and existence of solutions for sub-critical order Lane-Emden-Hardy equations. <i>Journal D'Analyse Mathematique</i> , 2022, 146, 673-718.	0.8	8
6	Direct Methods for Pseudo-relativistic Schrödinger Operators. <i>Journal of Geometric Analysis</i> , 2021, 31, 5555.	1.0	24
7	Maximum principles and the method of moving planes for the uniformly elliptic nonlocal Bellman operator and applications. <i>Annali Di Matematica Pura Ed Applicata</i> , 2021, 200, 1085-1134.	1.0	10
8	Classification of Nonnegative Solutions to Static Schrödinger-Hartree-Maxwell Type Equations. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 1379-1410.	1.9	20
9	Uniform a priori estimates for positive solutions of higher order Lane-Emden equations in $\mathbb{R}^n$ . <i>Publicacions Matematiques</i> , 2021, 65, 319-333.	0.5	4
10	Existence and symmetry of solutions to 2-D Schrödinger-Newton equations. <i>Dynamics of Partial Differential Equations</i> , 2021, 18, 113-156.	0.9	8
11	Liouville theorems for nonnegative solutions to static weighted Schrödinger-Hartree-Maxwell type equations with combined nonlinearities. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	1.3	5
12	Super poly-harmonic properties, Liouville theorems and classification of nonnegative solutions to equations involving higher-order fractional Laplacians. <i>Transactions of the American Mathematical Society</i> , 2021, 374, 4781-4813.	0.9	16
13	Self-similar solutions of focusing semi-linear wave equations in $\mathbb{R}^N$ . <i>Journal of Evolution Equations</i> , 2021, 21, 4703-4750.	1.1	4
14	Liouville type theorem for critical order Lane-Emden type equations on a half space and its applications. <i>Journal of Functional Analysis</i> , 2021, 281, 109227.	1.4	8
15	Liouville type theorems for elliptic equations with Dirichlet conditions in exterior domains. <i>Journal of Differential Equations</i> , 2020, 269, 7231-7252.	2.2	12
16	Liouville type theorems for Hardy type equations with concave nonlinearities. <i>Mathematische Nachrichten</i> , 2020, 293, 1084-1093.	0.8	12
17	Liouville theorem for poly-harmonic functions on $\mathbb{R}^n_+$ . <i>Archiv Der Mathematik</i> , 2020, 115, 317-327.	0.5	4
18	Classification of nonnegative solutions to static Schrödinger-Hartree and Schrödinger-Maxwell equations with combined nonlinearities. <i>Calculus of Variations and Partial Differential Equations</i> , 2019, 58, 1.	1.7	22

#	ARTICLE	IF	CITATIONS
19	Liouville type theorem for higher order Hölder non equations on a half space. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2019, 183, 284-302.	1.1	13
20	Classification of nonnegative solutions to a bi-harmonic equation with Hartree type nonlinearity. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2019, 149, 979-994.	1.2	27
21	Regularity and classification of solutions to static Hartree equations involving fractional Laplacians. <i>Discrete and Continuous Dynamical Systems</i> , 2019, 39, 1389-1403.	0.9	40
22	Classification of positive solutions to fractional order Hartree equations via a direct method of moving planes. <i>Journal of Differential Equations</i> , 2018, 265, 2044-2063.	2.2	35
23	Classification of nonnegative classical solutions to third-order equations. <i>Advances in Mathematics</i> , 2018, 328, 822-857.	1.1	53
24	Classification of positive smooth solutions to third-order PDEs involving fractional Laplacians. <i>Pacific Journal of Mathematics</i> , 2018, 295, 367-383.	0.5	5
25	Classification of positive solutions to a system of Hardy-Sobolev type equations. <i>Acta Mathematica Scientia</i> , 2017, 37, 1415-1436.	1.0	7
26	Liouville Type Theorems for PDE and IE Systems Involving Fractional Laplacian on a Half Space. <i>Potential Analysis</i> , 2017, 46, 569-588.	0.9	27
27	Hardy-Sobolev type integral systems with Dirichlet boundary conditions in a half space. <i>Communications on Pure and Applied Analysis</i> , 2017, 16, 1253-1264.	0.8	7
28	$L^p$ boundedness for maximal functions associated with multi-linear pseudo-differential operators. <i>Communications on Pure and Applied Analysis</i> , 2017, 16, 883-898.	0.8	0
29	A Liouville Type Theorem for Poly-harmonic System with Dirichlet Boundary Conditions in a Half Space. <i>Advanced Nonlinear Studies</i> , 2015, 15, 117-134.	1.7	18
30	$L^p$ estimates for bilinear and multiparameter Hilbert transforms. <i>Analysis and PDE</i> , 2015, 8, 675-712.	1.4	1
31	$L^p$ estimates for multi-linear and multi-parameter pseudo-differential operators. <i>Bulletin De La Societe Mathematique De France</i> , 2015, 143, 567-597.	0.2	21