

# Yujun Cui

## List of Publications by Year in descending order

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84  
papers

1,794  
citations

257101

24  
h-index

301761

39  
g-index

84  
all docs

84  
docs citations

84  
times ranked

453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unbounded solutions to abstract boundary value problems of fractional differential equations on a half line. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 8166-8176.	1.2	3
2	Solvability and asymptotic properties for an elliptic geophysical fluid flows model in a planar exterior domain. <i>Nonlinear Analysis: Modelling and Control</i> , 2021, 26, 315-333.	1.1	3
3	The optimal decay rates of classical solutions to the 3D compressible Navier-Stokes equations. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, e201900113.	0.9	0
4	The existence and nonexistence of entire large solutions for a quasilinear Schrödinger elliptic system by dual approach. <i>Applied Mathematics Letters</i> , 2020, 100, 106018.	1.5	38
5	The convergence analysis and uniqueness of blow-up solutions for a Dirichlet problem of the general $\Delta^k u = f(x, u)$ -Hessian equations. <i>Applied Mathematics Letters</i> , 2020, 102, 106124.	1.5	44
6	Monotone Iterative Technique for Conformable Fractional Differential Equations with Deviating Arguments. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-9.	0.5	0
7	Solutions for a Singular Hadamard-Type Fractional Differential Equation by the Spectral Construct Analysis. <i>Journal of Function Spaces</i> , 2020, 2020, 1-12.	0.4	4
8	Positive Solutions for a Weakly Singular Hadamard-Type Fractional Differential Equation with Changing-Sign Nonlinearity. <i>Journal of Function Spaces</i> , 2020, 2020, 1-10.	0.4	8
9	Positive Solutions for Two-Point Boundary Value Problems for Fourth-Order Differential Equations with Fully Nonlinear Terms. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-7.	0.6	2
10	Multiplicity Solutions for Integral Boundary Value Problem of Fractional Differential Systems. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-10.	0.5	3
11	Existence of solutions for integral boundary value problems of mixed fractional differential equations under resonance. <i>Boundary Value Problems</i> , 2020, 2020, .	0.3	20
12	A sufficient and necessary condition of existence of blow-up radial solutions for a $k$ -Hessian equation with a nonlinear operator. <i>Nonlinear Analysis: Modelling and Control</i> , 2020, 25, .	1.1	24
13	Positive solutions for a system of first-order discrete fractional boundary value problems with semipositone nonlinearities. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 1343-1358.	0.6	31
14	Multiplicity Results to a Conformable Fractional Differential Equations Involving Integral Boundary Condition. <i>Complexity</i> , 2019, 2019, 1-8.	0.9	19
15	Solvability for an infinite system of fractional order boundary value problems. <i>Annals of Functional Analysis</i> , 2019, 10, 395-411.	0.3	10
16	Positive solutions for an infinite system of fractional order boundary value problems. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	15
17	A singular fractional Kelvin-Voigt model involving a nonlinear operator and their convergence properties. <i>Boundary Value Problems</i> , 2019, 2019, .	0.3	30
18	Analysis of coupled systems of implicit impulsive fractional differential equations involving Hadamard derivatives. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	27

#	ARTICLE	IF	CITATIONS
19	Positive solutions for a class of fractional difference systems with coupled boundary conditions. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	18
20	The Iterative Scheme and the Convergence Analysis of Unique Solution for a Singular Fractional Differential Equation from the Eco-Economic Complex System's Co-Evolution Process. <i>Complexity</i> , 2019, 2019, 1-15.	0.9	19
21	Positive Solutions for a Hadamard Fractional p-Laplacian Three-Point Boundary Value Problem. <i>Mathematics</i> , 2019, 7, 439.	1.1	21
22	The Extremal Solution To Conformable Fractional Differential Equations Involving Integral Boundary Condition. <i>Mathematics</i> , 2019, 7, 186.	1.1	26
23	Stability Results for a Coupled System of Impulsive Fractional Differential Equations. <i>Mathematics</i> , 2019, 7, 927.	1.1	16
24	Positive Solutions for a Fourth-Order Riemann-Stieltjes Integral Boundary Value Problem. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-12.	0.6	1
25	Existence and asymptotic properties of solutions for a nonlinear Schrödinger elliptic equation from geophysical fluid flows. <i>Applied Mathematics Letters</i> , 2019, 90, 229-237.	1.5	54
26	POSITIVE SOLUTIONS FOR A NONLINEAR DISCRETE FRACTIONAL BOUNDARY VALUE PROBLEM WITH A $\mathcal{M}_1$ -LAPLACIAN OPERATOR. <i>Journal of Applied Analysis and Computation</i> , 2019, 9, 1959-1972.	0.2	7
27	INFINITELY MANY SOLUTIONS FOR FRACTIONAL SCHRÖDINGER-MAXWELL EQUATIONS. <i>Journal of Applied Analysis and Computation</i> , 2019, 9, 1165-1182.	0.2	10
28	Solvability of integral boundary value problems at resonance in $\mathbb{R}^n$ . <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	3
29	Existence and nonexistence of blow-up solutions for a Schrödinger equation involving a nonlinear operator. <i>Applied Mathematics Letters</i> , 2018, 82, 85-91.	1.5	47
30	The existence and nonexistence of entire large solutions for a quasilinear Schrödinger elliptic system by dual approach. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 464, 1089-1106.	0.5	60
31	Multiple sign-changing solutions for nonlinear fractional Kirchhoff equations. <i>Boundary Value Problems</i> , 2018, 2018, .	0.3	17
32	The convergence analysis and error estimation for unique solution of a p-Laplacian fractional differential equation with singular decreasing nonlinearity. <i>Boundary Value Problems</i> , 2018, 2018, .	0.3	59
33	Infinitely many solutions for impulsive fractional boundary value problem with p-Laplacian. <i>Boundary Value Problems</i> , 2018, 2018, .	0.3	37
34	Existence and asymptotic analysis of positive solutions for a singular fractional differential equation with nonlocal boundary conditions. <i>Boundary Value Problems</i> , 2018, 2018, .	0.3	34
35	Existence results for fractional order differential equation with nonlocal Erdélyi-Kober and generalized Riemann-Liouville type integral boundary conditions at resonance. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	22
36	The Eigenvalue Problem for Caputo Type Fractional Differential Equation with Riemann-Stieltjes Integral Boundary Conditions. <i>Journal of Function Spaces</i> , 2018, 2018, 1-9.	0.4	6

#	ARTICLE	IF	CITATIONS
37	Resonant Integral Boundary Value Problems for Caputo Fractional Differential Equations. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-8.	0.6	8
38	Positive Solutions for a System of Nonlinear Semipositone Boundary Value Problems with Riemann-Liouville Fractional Derivatives. <i>Journal of Function Spaces</i> , 2018, 2018, 1-10.	0.4	12
39	Positive Solutions for Boundary Value Problems of Fractional Differential Equation with Integral Boundary Conditions. <i>Journal of Function Spaces</i> , 2018, 2018, 1-6.	0.4	20
40	The Uniqueness Theorem of the Solution for a Class of Differential Systems with Coupled Integral Boundary Conditions. <i>Discrete Dynamics in Nature and Society</i> , 2018, 2018, 1-7.	0.5	1
41	Uniqueness theorem of differential system with coupled integral boundary conditions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2018, , 1-10.	0.2	14
42	CONVERGENCE ANALYSIS OF ITERATIVE SCHEME AND ERROR ESTIMATION OF POSITIVE SOLUTION FOR A FRACTIONAL DIFFERENTIAL EQUATION. <i>Mathematical Modelling and Analysis</i> , 2018, 23, 611-626.	0.7	49
43	Entire blow-up solutions for a quasilinear $\Delta u = \lambda  u ^{p-2}u - \mu  u ^{q-2}u$ -Laplacian Schrödinger equation with a non-square diffusion term. <i>Applied Mathematics Letters</i> , 2017, 74, 85-93.	1.5	58
44	A scaling invariant regularity criterion for the 3D incompressible magneto-hydrodynamics equations. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017, 68, 1.	0.7	11
45	Existence results for $(k, n-k)$ conjugate boundary-value problems with integral boundary conditions at resonance with $\dim \ker L = 2$ . <i>Boundary Value Problems</i> , 2017, 2017, .	0.3	7
46	Existence of Solutions for a Class of Coupled Fractional Differential Systems with Nonlocal Boundary Conditions. <i>Journal of Function Spaces</i> , 2017, 2017, 1-9.	0.4	34
47	Multiple Solutions for a Nonlinear Fractional Boundary Value Problem via Critical Point Theory. <i>Journal of Function Spaces</i> , 2017, 2017, 1-8.	0.4	13
48	Positive Solutions for Singular Semipositone Fractional Differential Equation Subject to Multipoint Boundary Conditions. <i>Journal of Function Spaces</i> , 2017, 2017, 1-7.	0.4	20
49	Multiplicity Results for Positive Solutions to Differential Systems of Singular Coupled Integral Boundary Value Problems. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-7.	0.6	2
50	New Result on the Critical Exponent for Solution of an Ordinary Fractional Differential Problem. <i>Journal of Function Spaces</i> , 2017, 2017, 1-4.	0.4	26
51	Existence results for impulsive fractional integro-differential equation of mixed type with constant coefficient and antiperiodic boundary conditions. <i>Boundary Value Problems</i> , 2017, 2017, .	0.3	77
52	Positive solutions for a system of nonlinear fractional nonlocal boundary value problems with parameters and p-Laplacian operator. <i>Boundary Value Problems</i> , 2017, 2017, .	0.3	97
53			

#	ARTICLE	IF	CITATIONS
55	Solvability of $(k, n-k)$ Conjugate Boundary Value Problems with Integral Boundary Conditions at Resonance. <i>Journal of Function Spaces</i> , 2016, 2016, 1-7.	0.4	4
56	Uniqueness of solution for boundary value problems for fractional differential equations. <i>Applied Mathematics Letters</i> , 2016, 51, 48-54.	1.5	192
57	Existence of solutions for second-order integral boundary value problems. <i>Nonlinear Analysis: Modelling and Control</i> , 2016, 21, 828-838.	1.1	34
58	Existence of solutions for coupled integral boundary value problem at resonance. <i>Publicationes Mathematicae</i> , 2016, 89, 73-88.	0.1	19
59	An existence and uniqueness theorem for a second order nonlinear system with coupled integral boundary value conditions. <i>Applied Mathematics and Computation</i> , 2015, 256, 438-444.	1.4	43
60	Monotone iterative technique for $(k, n-k)$ conjugate boundary value problems. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2015, , 1-11.	0.2	7
61	Existence Results and the Monotone Iterative Technique for Nonlinear Fractional Differential Systems with Coupled Four-Point Boundary Value Problems. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-6.	0.3	19
62	The Existence of Solutions for Four-Point Coupled Boundary Value Problems of Fractional Differential Equations at Resonance. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-8.	0.3	19
63	Computation of topological degree in ordered Banach spaces with lattice structure and applications. <i>Applications of Mathematics</i> , 2013, 58, 689-702.	0.9	9
64	Existence results for a functional boundary value problem of fractional differential equations. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	25
65	Uniqueness and Existence of Positive Solutions for Singular Differential Systems with Coupled Integral Boundary Value Problems. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-9.	0.3	14
66	Fixed point theorems for a class of nonlinear operators in Hilbert spaces with lattice structure and application. <i>Fixed Point Theory and Applications</i> , 2013, 2013, .	1.1	10
67	Monotone iterative method for differential systems with coupled integral boundary value problems. <i>Boundary Value Problems</i> , 2013, 2013, .	0.3	25
68	A Generalization of Mahadevan's Version of the Krein-Rutman Theorem and Applications to $p$ -Laplacian Boundary Value Problems. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-14.	0.3	8
69	Existence of multiple positive solutions for fourth-order boundary value problems in Banach spaces. <i>Boundary Value Problems</i> , 2012, 2012, .	0.3	8
70	On existence of positive solutions of coupled integral boundary value problems for a nonlinear singular superlinear differential system. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2012, , 1-13.	0.2	23
71	Fixed point theorems for a class of nonlinear operators in Hilbert spaces and applications. <i>Positivity</i> , 2011, 15, 455-464.	0.3	7
72	Positive solutions of higher-order singular boundary value problems. <i>Journal of Applied Mathematics and Computing</i> , 2011, 37, 193-205.	1.2	0

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73	Global bifurcation and multiple results for Sturm-Liouville problems. Journal of Computational and Applied Mathematics, 2011, 235, 2185-2192.	1.1	9
74	Existence of nonnegative solutions for second order m-point boundary value problems at resonance. Applied Mathematics and Computation, 2011, 217, 4849-4855.	1.4	12
75	Existence Results for Singular Boundary Value Problem of Nonlinear Fractional Differential Equation. Abstract and Applied Analysis, 2011, 2011, 1-9.	0.3	6
76	On the existence of solutions for singular boundary value problem of third-order differential equations. Mathematica Slovaca, 2010, 60, 485-494.	0.3	13
77	Positive Solutions for Fourth-Order Singular -Laplacian Differential Equations with Integral Boundary Conditions. Boundary Value Problems, 2010, 2010, 862079.	0.3	11
78	Fixed Points for Discontinuous Monotone Operators. Fixed Point Theory and Applications, 2010, 2010, 1-12.	1.1	1
79	Existence and uniqueness theorems for fourth-order singular boundary value problems. Computers and Mathematics With Applications, 2009, 58, 1449-1456.	1.4	10
80	Computation for the fixed point index and its applications. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 219-226.	0.6	5
81	Existence of positive solutions for ${}_{2n}$ -th-order singular superlinear boundary value problems. Computers and Mathematics With Applications, 2008, 56, 3195-3203.	1.4	2
82	Positive solutions of nonlinear singular boundary value problems in abstract spaces. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 287-294.	0.6	6
83	Nontrivial solutions of singular superlinear m-point boundary value problems. Applied Mathematics and Computation, 2007, 187, 1256-1264.	1.4	7
84	Multiple solutions for nonlinear operators and applications. Nonlinear Analysis: Theory, Methods & Applications, 2007, 66, 1999-2015.	0.6	7