

Vincenzo Ambrosio

List of Publications by Year in descending order

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85
papers

1,191
citations

404762

18
h-index

466759

29
g-index

93
all docs

93
docs citations

93
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplicity of positive solutions for a class of fractional Schrödinger equations via penalization method. <i>Annali Di Matematica Pura Ed Applicata</i> , 2017, 196, 2043-2062.	1.0	69
2	Multiplicity and concentration results for some nonlinear Schrödinger equations with the fractional p -Laplacian. <i>Discrete and Continuous Dynamical Systems</i> , 2018, 38, 5835-5881.	1.0	58
3	Fractional double-phase patterns: concentration and multiplicity of solutions. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2020, 142, 101-145.	1.7	57
4	A multiplicity result for a fractional Kirchhoff equation in \mathbb{R}^N with a general nonlinearity. <i>Communications in Contemporary Mathematics</i> , 2018, 20, 1750054.	1.2	49
5	Nonlinear fractional magnetic Schrödinger equation: Existence and multiplicity. <i>Journal of Differential Equations</i> , 2018, 264, 3336-3368.	2.2	42
6	Ground states solutions for a non-linear equation involving a pseudo-relativistic Schrödinger operator. <i>Journal of Mathematical Physics</i> , 2016, 57, .	1.2	41
7	Fractional p & q Laplacian Problems in \mathbb{R}^N with Critical Growth. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , 2020, 39, 289-314.	0.7	37
8	Existence, multiplicity and concentration for a class of fractional p & q Laplacian problems in \mathbb{R}^N . <i>Communications on Pure and Applied Analysis</i> , 2019, 18, 2009-2045.	0.8	35
9	Concentration phenomena for a fractional Schrödinger-Kirchhoff type equation. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 615-645.	2.2	32
10	Concentration of positive solutions for a class of fractional p -Kirchhoff type equations. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2021, 151, 601-651.	1.5	29
11	Multiplicity and Concentration Results for a Fractional Choquard Equation via Penalization Method. <i>Potential Analysis</i> , 2019, 50, 55-82.	0.9	29
12	Concentrating solutions for a class of nonlinear fractional Schrödinger equations in \mathbb{R}^N . <i>Revista Matematica Iberoamericana</i> , 2019, 35, 1367-1414.	0.7	28
13	Periodic solutions for a pseudo-relativistic Schrödinger equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015, 120, 262-284.	1.1	26
14	Existence and concentration results for some fractional Schrödinger equations in \mathbb{R}^N with magnetic fields. <i>Communications in Partial Differential Equations</i> , 2019, 44, 637-680.	2.0	26
15	On a Fractional p & q Laplacian Problem with Critical Sobolev-Hardy Exponents. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1.	0.8	24
16	On a fractional magnetic Schrödinger equation in \mathbb{R}^N with exponential critical growth. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2019, 183, 117-148.	1.1	24
17	Concentration phenomena for a class of fractional Kirchhoff equations in \mathbb{R}^N with general nonlinearities. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 195, 111761.	1.1	22
18	Multiplicity and concentration results for a (p, Δ_q) -Laplacian problem in \mathbb{R}^N . <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2021, 72, 1.	1.4	20

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19	Concentration phenomena for critical fractional Schrödinger systems. Communications on Pure and Applied Analysis, 2018, 17, 2085-2123.	0.8	20
20	Sign-Changing Solutions for a Class of Zero Mass Nonlocal Schrödinger Equations. Advanced Nonlinear Studies, 2019, 19, 113-132.	1.7	19
21	Multiplicity and concentration results for a class of critical fractional Schrödinger-Poisson systems via penalization method. Communications in Contemporary Mathematics, 2020, 22, 1850078.	1.2	19
22	Nontrivial solutions for a fractional p -Laplacian problem via Rabier Theorem. Complex Variables and Elliptic Equations, 2017, 62, 838-847.	0.8	18
23	Periodic solutions for critical fractional problems. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	16
24	Zero mass case for a fractional Berestycki-Lions-type problem. Advances in Nonlinear Analysis, 2018, 7, 365-374.	2.6	16
25	A multiplicity result for a nonlinear fractional Schrödinger equation in \mathbb{R}^N with the Ambrosetti-Rabinowitz condition. Journal of Mathematical Analysis and Applications, 2018, 466, 1115.	1.1	15
26	Multiplicity and concentration results for a fractional Schrödinger-Poisson type equation with magnetic field. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 655-694.	1.5	15
27	Multiple concentrating solutions for a fractional Kirchhoff equation with magnetic fields. Discrete and Continuous Dynamical Systems, 2020, 40, 781-815.	1.0	15
28	A multiplicity result for a (p, λ) -Schrödinger-Kirchhoff type equation. Annali Di Matematica Pura Ed Applicata, 2022, 201, 943-984.	1.0	14
29	Concentration phenomena for a fractional Choquard equation with magnetic field. Dynamics of Partial Differential Equations, 2019, 16, 125-149.	0.9	14
30	Ground state solutions for a fractional Schrödinger equation with critical growth. Asymptotic Analysis, 2017, 105, 159-191.	0.5	13
31	An existence result for a fractional Kirchhoff-Schrödinger-Poisson system. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	13
32	Sign-changing solutions for a class of Schrödinger equations with vanishing potentials. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2018, 29, 127-152.	0.6	13
33	On the multiplicity and concentration of positive solutions for a fractional Choquard equation in \mathbb{R}^N . Journal of Mathematical Analysis and Applications, 2018, 466, 2813.	2.8	13
34	Periodic solutions for a superlinear fractional problem without the Ambrosetti-Rabinowitz condition. Discrete and Continuous Dynamical Systems, 2017, 37, 2265-2284.	1.0	13
35	Multiple Solutions for a Class of Nonhomogeneous Fractional Schrödinger Equations in \mathbb{R}^N . Journal of Dynamics and Differential Equations, 2018, 30, 1119-1143.	1.9	12
36	Multiplicity and Concentration of Solutions for a Fractional Kirchhoff Equation with Magnetic Field and Critical Growth. Annales Henri Poincare, 2019, 20, 2717-2766.	1.7	12

#	ARTICLE	IF	CITATIONS
37	Existence and concentration of positive solutions for p-fractional Schrödinger equations. <i>Annali Di Matematica Pura Ed Applicata</i> , 2020, 199, 317-344.	1.0	12
38	Supercritical Fractional Kirchhoff Type Problems. <i>Fractional Calculus and Applied Analysis</i> , 2019, 22, 1351-1377.	2.4	11
39	Multiplicity and Concentration Results for Fractional Schrödinger-Poisson Equations with Magnetic Fields and Critical Growth. <i>Potential Analysis</i> , 2020, 52, 565-600.	0.9	11
40	Multiplicity of solutions for fractional Schrödinger systems in \mathbb{R}^N . <i>Complex Variables and Elliptic Equations</i> , 2020, 65, 856-885.	0.8	11
41	Multiplicity of positive solutions for a fractional p&q-Laplacian problem in \mathbb{R}^N . <i>Journal of Mathematical Analysis and Applications</i> , 2020, ., 124487.	1.1	11
42	(Super)Critical nonlocal equations with periodic boundary conditions. <i>Selecta Mathematica, New Series</i> , 2018, 24, 3723-3751.	0.9	10
43	Boundedness and Decay of Solutions for Some Fractional Magnetic Schrödinger Equations in \mathbb{R}^N . <i>Milan Journal of Mathematics</i> , 2018, 86, 125-136.	1.1	10
44	Concentrating solutions for a fractional Kirchhoff equation with critical growth. <i>Asymptotic Analysis</i> , 2020, 116, 249-278.	0.5	10
45	Concentrating solutions for a magnetic Schrödinger equation with critical growth. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 479, 1115-1137.	1.1	9
46	A strong maximum principle for the fractional p -Laplacian operator. <i>Applied Mathematics Letters</i> , 2022, 126, 107813.	2.9	9
47	The nonlinear fractional relativistic Schrödinger equation: Existence, multiplicity, decay and concentration results. <i>Discrete and Continuous Dynamical Systems</i> , 2021, 41, 5659.	1.0	8
48	Infinitely many periodic solutions for a class of fractional Kirchhoff problems. <i>Monatshefte Fur Mathematik</i> , 2019, 190, 615-639.	0.9	7
49	On the multiplicity and concentration for p-fractional Schrödinger equations. <i>Applied Mathematics Letters</i> , 2019, 95, 13-22.	2.9	7
50	A local mountain pass approach for a class of fractional NLS equations with magnetic fields. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 190, 111622.	1.1	6
51	Asymptotic analysis of the Dirichlet fractional Laplacian in domains becoming unbounded. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 485, 123845.	1.1	6
52	On the fractional relativistic Schrödinger operator. <i>Journal of Differential Equations</i> , 2022, 308, 327-368.	2.2	6
53	Existence of heteroclinic solutions for a class of problems involving the fractional Laplacian. <i>Analysis and Applications</i> , 2019, 17, 425-451.	2.2	5
54	Multiplicity and concentration of solutions for fractional Schrödinger systems via penalization method. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2019, 30, 543-581.	0.6	5

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55	Existence and multiplicity of solutions for Hardy nonlocal fractional elliptic equations involving critical nonlinearities. <i>Journal of Fixed Point Theory and Applications</i> , 2019, 21, 1.	1.1	5
56	A Kirchhoff Type Equation in \mathbb{R}^N Involving the fractional (p, Δ_q) -Laplacian. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	0.9	5
57	Infinitely Many Periodic Solutions for a Fractional Problem Under Perturbation. <i>Journal of Elliptic and Parabolic Equations</i> , 2016, 2, 105-117.	1.0	4
58	An Ambrosetti-Prodi type result for fractional spectral problems. <i>Mathematische Nachrichten</i> , 2020, 293, 412-429.	0.7	4
59	Fractional Schrödinger Equations with Rabinowitz Condition. <i>Frontiers in Mathematics</i> , 2021, , 195-254.	0.0	4
60	Multiple solutions for singularly perturbed nonlinear magnetic Schrödinger equations. <i>Asymptotic Analysis</i> , 2022, 128, 239-272.	0.5	4
61	Periodic solutions for the non-local operator $(-\Delta + m^2)^s - m^{2s}$ with $m \geq 0$. <i>Topological Methods in Nonlinear Analysis</i> , 2016, 48, 1.	0.1	4
62	Infinitely many solutions for fractional Kirchhoff Sobolev Hardy critical problems. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2019, , 1-13.	0.5	4
63	The critical fractional Ambrosetti-Prodi problem. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2022, 71, 1107-1132.	1.3	4
64	Regularity and Pohozaev identity for the Choquard equation involving the $\langle \mathbb{m}:\mathbb{m} \rangle$ Laplacian operator. <i>Applied Mathematics Letters</i> , 2023, 145, 108742.	2.9	3
65	Existence and multiplicity of positive solutions to fractional Laplacian systems with combined critical Sobolev terms. <i>Positivity</i> , 2021, 25, 1373-1402.	0.7	2
66	Existence and non-existence results for fractional Kirchhoff Laplacian problems. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	1.3	2
67	A Note on the Boundedness of Solutions for Fractional Relativistic Schrödinger Equations. <i>Bulletin of Mathematical Sciences</i> , 0, , .	0.9	2
68	An Existence Result for a Class of Magnetic Problems in Exterior Domains. <i>Milan Journal of Mathematics</i> , 2021, 89, 523-550.	1.1	2
69	Multiple Solutions for Superlinear Fractional Problems via Theorems of Mixed Type. <i>Advanced Nonlinear Studies</i> , 2018, 18, 799-817.	1.7	1
70	Concentration phenomena for fractional magnetic NLS equations. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2022, 152, 479-517.	1.5	1
71	A Multiplicity Result for a Fractional Kirchhoff Equation with a General Nonlinearity. <i>Frontiers in Mathematics</i> , 2021, , 363-377.	0.0	1
72	On the Existence of Weak Solutions for a 1-D Free-Boundary Concrete Carbonation Problem. <i>Acta Applicandae Mathematicae</i> , 2018, 156, 109-132.	1.0	0

#	ARTICLE	IF	CITATIONS
73	On a class of Kirchhoff problems via local mountain pass. <i>Asymptotic Analysis</i> , 2021, 126, 1-43.	0.5	0
74	Fractional Scalar Field Equations. <i>Frontiers in Mathematics</i> , 2021, , 51-105.	0.0	0
75	Ground States for a Superlinear Fractional Schrödinger Equation with Potentials. <i>Frontiers in Mathematics</i> , 2021, , 145-194.	0.0	0
76	Multiplicity and Concentration of Positive Solutions for a Fractional Kirchhoff Equation. <i>Frontiers in Mathematics</i> , 2021, , 379-415.	0.0	0
77	Concentrating Solutions for a Fractional Kirchhoff Equation with Critical Growth. <i>Frontiers in Mathematics</i> , 2021, , 417-441.	0.0	0
78	Sign-Changing Solutions for a Fractional Schrödinger Equation with Vanishing Potential. <i>Frontiers in Mathematics</i> , 2021, , 521-551.	0.0	0
79	Fractional Schrödinger Equations with Magnetic Fields. <i>Frontiers in Mathematics</i> , 2021, , 553-643.	0.0	0
80	Fractional Schrödinger Equations with del Pino-Felmer Assumptions. <i>Frontiers in Mathematics</i> , 2021, , 255-294.	0.0	0
81	Fractional Schrödinger Equations with Superlinear or Asymptotically Linear Nonlinearities. <i>Frontiers in Mathematics</i> , 2021, , 295-334.	0.0	0
82	Multiplicity and Concentration Results for a Fractional Choquard Equation. <i>Frontiers in Mathematics</i> , 2021, , 335-362.	0.0	0
83	Existence and concentration results for a (p,q) -Laplacian problem with a general critical nonlinearity. <i>Journal of Mathematical Analysis and Applications</i> , 2024, 539, 128544.	1.1	0
84	Nonlinear scalar field (p_1, p_2) -Laplacian equations in \mathbb{R}^N : existence and multiplicity. <i>Calculus of Variations and Partial Differential Equations</i> , 2024, 63, .	1.7	0
85	Least energy solutions for a class of (p_1, p_2) -Kirchhoff type problems in \mathbb{R}^N with general nonlinearities. <i>Journal of the London Mathematical Society</i> , 2024, 110, .	1.1	0