

# Vincenzo Ambrosio

## List of Publications by Year in descending order

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85  
papers

1,191  
citations

404762

18  
h-index

466759

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g-index

93  
all docs

93  
docs citations

93  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Existence and concentration results for a $(p,q)$ -Laplacian problem with a general critical nonlinearity. Journal of Mathematical Analysis and Applications, 2024, 539, 128544.	1.1	0
2	Nonlinear scalar field $(p_1, p_2)$ -Laplacian equations in $\mathbb{R}^N$ : existence and multiplicity. Calculus of Variations and Partial Differential Equations, 2024, 63, .	1.7	0
3	Least energy solutions for a class of $(p_1, p_2)$ -Kirchhoff type problems in $\mathbb{R}^N$ with general nonlinearities. Journal of the London Mathematical Society, 2024, 110, .	1.1	0
4	Regularity and Pohozaev identity for the Choquard equation involving the $\Delta_p$ -Laplacian operator. Applied Mathematics Letters, 2023, 145, 108742.	2.9	3
5	Multiple solutions for singularly perturbed nonlinear magnetic Schrödinger equations. Asymptotic Analysis, 2022, 128, 239-272.	0.5	4
6	Concentration phenomena for fractional magnetic NLS equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2022, 152, 479-517.	1.5	1
7	A multiplicity result for a $(p, \hat{q})$ -Schrödinger-Kirchhoff type equation. Annali Di Matematica Pura Ed Applicata, 2022, 201, 943-984.	1.0	14
8	On the fractional relativistic Schrödinger operator. Journal of Differential Equations, 2022, 308, 327-368.	2.2	6
9	A strong maximum principle for the fractional $\Delta_p$ operator. Applied Mathematics Letters, 2022, 126, 107813.	2.9	9
10	A Kirchhoff Type Equation in $\mathbb{R}^N$ Involving the fractional $(p, \hat{q})$ -Laplacian. Journal of Geometric Analysis, 2022, 32, 1.	0.9	5
11	The critical fractional Ambrosetti-Prodi problem. Rendiconti Del Circolo Matematico Di Palermo, 2022, 71, 1107-1132.	1.3	4
12	On a class of Kirchhoff problems via local mountain pass. Asymptotic Analysis, 2021, 126, 1-43.	0.5	0
13	Concentration of positive solutions for a class of fractional $\Delta_p$ -Kirchhoff type equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 601-651.	1.5	29
14	Multiplicity and concentration results for a $(p, \hat{q})$ -Laplacian problem in $\mathbb{R}^N$ . Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	1.4	20
15	Fractional Schrödinger Equations with Rabinowitz Condition. Frontiers in Mathematics, 2021, , 195-254.	0.0	4
16	Existence and multiplicity of positive solutions to fractional Laplacian systems with combined critical Sobolev terms. Positivity, 2021, 25, 1373-1402.	0.7	2
17	Existence and non-existence results for fractional Kirchhoff Laplacian problems. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	2
18	Fractional Scalar Field Equations. Frontiers in Mathematics, 2021, , 51-105.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Ground States for a Superlinear Fractional Schrödinger Equation with Potentials. <i>Frontiers in Mathematics</i> , 2021, , 145-194.	0.0	0
20	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
21	A Multiplicity Result for a Fractional Kirchhoff Equation with a General Nonlinearity. <i>Frontiers in Mathematics</i> , 2021, , 363-377.	0.0	1
22	Multiplicity and Concentration of Positive Solutions for a Fractional Kirchhoff Equation. <i>Frontiers in Mathematics</i> , 2021, , 379-415.	0.0	0
23	Concentrating Solutions for a Fractional Kirchhoff Equation with Critical Growth. <i>Frontiers in Mathematics</i> , 2021, , 417-441.	0.0	0
24	Sign-Changing Solutions for a Fractional Schrödinger Equation with Vanishing Potential. <i>Frontiers in Mathematics</i> , 2021, , 521-551.	0.0	0
25	Fractional Schrödinger Equations with Magnetic Fields. <i>Frontiers in Mathematics</i> , 2021, , 553-643.	0.0	0
26	Fractional Schrödinger Equations with del Pino-Felmer Assumptions. <i>Frontiers in Mathematics</i> , 2021, , 255-294.	0.0	0
27	Fractional Schrödinger Equations with Superlinear or Asymptotically Linear Nonlinearities. <i>Frontiers in Mathematics</i> , 2021, , 295-334.	0.0	0
28	Multiplicity and Concentration Results for a Fractional Choquard Equation. <i>Frontiers in Mathematics</i> , 2021, , 335-362.	0.0	0
29	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
30	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
31	Multiplicity and concentration results for a class of critical fractional Schrödinger-Poisson systems via penalization method. <i>Communications in Contemporary Mathematics</i> , 2020, 22, 1850078.	1.2	19
32	Multiplicity and concentration results for a fractional Schrödinger-Poisson type equation with magnetic field. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 655-694.	1.5	15
33	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
34	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
35	A local mountain pass approach for a class of fractional NLS equations with magnetic fields. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2020, 190, 111622.	1.1	6
36	Concentrating solutions for a fractional Kirchhoff equation with critical growth. <i>Asymptotic Analysis</i> , 2020, 116, 249-278.	0.5	10

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37	Asymptotic analysis of the Dirichlet fractional Laplacian in domains becoming unbounded. Journal of Mathematical Analysis and Applications, 2020, 485, 123845.	1.1	6
38	An Ambrosetti-Prodi type result for fractional spectral problems. Mathematische Nachrichten, 2020, 293, 412-429.	0.7	4
39	Multiplicity of positive solutions for a fractional $p$ -Laplacian problem in $\mathbb{R}^N$ . Journal of Mathematical Analysis and Applications, 2020, 485, 124487.	1.1	11
40	Fractional double-phase patterns: concentration and multiplicity of solutions. Journal Des Mathematiques Pures Et Appliquees, 2020, 142, 101-145.	1.7	57
41	Concentration phenomena for a class of fractional Kirchhoff equations in $\mathbb{R}^N$ with general nonlinearities. Nonlinear Analysis: Theory, Methods & Applications, 2020, 195, 111761.	1.1	22
42	Multiple concentrating solutions for a fractional Kirchhoff equation with magnetic fields. Discrete and Continuous Dynamical Systems, 2020, 40, 781-815.	1.0	15
43	Fractional $p$ -Laplacian Problems in $\mathbb{R}^N$ with Critical Growth. Zeitschrift Fur Analysis Und Ihre Anwendung, 2020, 39, 289-314.	0.7	37
44	Existence of heteroclinic solutions for a class of problems involving the fractional Laplacian. Analysis and Applications, 2019, 17, 425-451.	2.2	5
45	Sign-Changing Solutions for a Class of Zero Mass Nonlocal Schrödinger Equations. Advanced Nonlinear Studies, 2019, 19, 113-132.	1.7	19
46	Concentrating solutions for a magnetic Schrödinger equation with critical growth. Journal of Mathematical Analysis and Applications, 2019, 479, 1115-1137.	1.1	9
47	Concentrating solutions for a class of nonlinear fractional Schrödinger equations in $\mathbb{R}^N$ . Revista Matematica Iberoamericana, 2019, 35, 1367-1414.	0.7	28
48	On a fractional magnetic Schrödinger equation in $\mathbb{R}^N$ with exponential critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2019, 183, 117-148.	1.1	24
49	Infinitely many periodic solutions for a class of fractional Kirchhoff problems. Monatshefte Fur Mathematik, 2019, 190, 615-639.	0.9	7
50	On the multiplicity and concentration of positive solutions for a $p$ -fractional Choquard equation in $\mathbb{R}^N$ .	2.8	13
51	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
52	On the multiplicity and concentration for $p$ -fractional Schrödinger equations. Applied Mathematics Letters, 2019, 95, 13-22.	2.9	7
53	Existence and concentration results for some fractional Schrödinger equations in $\mathbb{R}^N$ with magnetic fields. Communications in Partial Differential Equations, 2019, 44, 637-680.	2.0	26
54	Supercritical Fractional Kirchhoff Type Problems. Fractional Calculus and Applied Analysis, 2019, 22, 1351-1377.	2.4	11

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55	Multiplicity and concentration of solutions for fractional Schrödinger systems via penalization method. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2019, 30, 543-581.	0.6	5
56	Existence and multiplicity of solutions for Hardy nonlocal fractional elliptic equations involving critical nonlinearities. Journal of Fixed Point Theory and Applications, 2019, 21, 1.	1.1	5
57	Multiplicity and Concentration Results for a Fractional Choquard Equation via Penalization Method. Potential Analysis, 2019, 50, 55-82.	0.9	29
58	Infinitely many solutions for fractional Kirchhoff-Sobolev-Hardy critical problems. Electronic Journal of Qualitative Theory of Differential Equations, 2019, , 1-13.	0.5	4
59	Existence, multiplicity and concentration for a class of fractional Laplacian problems in $\mathbb{R}^N$ . Communications on Pure and Applied Analysis, 2019, 18, 2009-2045.	0.8	35
60	Concentration phenomena for a fractional Choquard equation with magnetic field. Dynamics of Partial Differential Equations, 2019, 16, 125-149.	0.9	14
61	Concentration phenomena for a fractional Schrödinger-Kirchhoff type equation. Mathematical Methods in the Applied Sciences, 2018, 41, 615-645.	2.2	32
62	Periodic solutions for critical fractional problems. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	16
63	An existence result for a fractional Kirchhoff-Schrödinger-Poisson system. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	13
64	(Super)Critical nonlocal equations with periodic boundary conditions. Selecta Mathematica, New Series, 2018, 24, 3723-3751.	0.9	10
65	Multiple Solutions for Superlinear Fractional Problems via Theorems of Mixed Type. Advanced Nonlinear Studies, 2018, 18, 799-817.	1.7	1
66	Zero mass case for a fractional Berestycki-Lions-type problem. Advances in Nonlinear Analysis, 2018, 7, 365-374.	2.6	16
67	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
68	A multiplicity result for a fractional Kirchhoff equation in $\mathbb{R}^N$ with a general nonlinearity. Communications in Contemporary Mathematics, 2018, 20, 1750054.	1.2	49
69	Nonlinear fractional magnetic Schrödinger equation: Existence and multiplicity. Journal of Differential Equations, 2018, 264, 3336-3368.	2.2	42
70	On a Fractional $p$ & $q$ Laplacian Problem with Critical Sobolev-Hardy Exponents. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	24
71	On the Existence of Weak Solutions for a 1-D Free-Boundary Concrete Carbonation Problem. Acta Applicandae Mathematicae, 2018, 156, 109-132.	1.0	0
72	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

#	ARTICLE	IF	CITATIONS
73	Boundedness and Decay of Solutions for Some Fractional Magnetic Schrödinger Equations in $\mathbb{R}^N$ . Milan Journal of Mathematics, 2018, 86, 125-136.	1.1	10
74	A multiplicity result for a nonlinear fractional Schrödinger equation in $\mathbb{R}^N$ . $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} < mml:msup < mml:mrow < mml:mi < mml:mathvariant="double-struck">R </mml:mi> </mml:mrow > < mml:mrow < mml:mi>N </mml:mi> </mml:mrow > </mml:msup </mml:math> with the Ambrosetti-Rabinowitz condition. Journal of Mathematical Analysis and Applications, 2018, 466, 498-522.$	1.1	15
75	Concentration phenomena for critical fractional Schrödinger systems. Communications on Pure and Applied Analysis, 2018, 17, 2085-2123.	0.8	20
76	Multiplicity and concentration results for some nonlinear Schrödinger equations with the fractional $p$ -Laplacian. Discrete and Continuous Dynamical Systems, 2018, 38, 5835-5881.	1.0	58
77	Multiplicity of positive solutions for a class of fractional Schrödinger equations via penalization method. Annali Di Matematica Pura Ed Applicata, 2017, 196, 2043-2062.	1.0	69
78	Ground state solutions for a fractional Schrödinger equation with critical growth. Asymptotic Analysis, 2017, 105, 159-191.	0.5	13
79	Nontrivial solutions for a fractional $p$ -Laplacian problem via Rabier Theorem. Complex Variables and Elliptic Equations, 2017, 62, 838-847.	0.8	18
80	Periodic solutions for a superlinear fractional problem without the Ambrosetti-Rabinowitz condition. Discrete and Continuous Dynamical Systems, 2017, 37, 2265-2284.	1.0	13
81	Ground states solutions for a non-linear equation involving a pseudo-relativistic Schrödinger operator. Journal of Mathematical Physics, 2016, 57, .	1.2	41
82	Infinitely Many Periodic Solutions for a Fractional Problem Under Perturbation. Journal of Elliptic and Parabolic Equations, 2016, 2, 105-117.	1.0	4
83	Periodic solutions for the non-local operator $(-\Delta + m^2)^s - m^{2s}$ with $s \geq 0$ . Topological Methods in Nonlinear Analysis, 2016, 48, 1.	0.1	4
84	Periodic solutions for a pseudo-relativistic Schrödinger equation. Nonlinear Analysis: Theory, Methods & Applications, 2015, 120, 262-284.	1.1	26
85	A Note on the Boundedness of Solutions for Fractional Relativistic Schrodinger Equations. Bulletin of Mathematical Sciences, 0, , .	0.9	2