

Marco Squassina

List of Publications by Year in descending order

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127
papers

3,938
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all docs

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docs citations

130
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Concavity principles for nonautonomous elliptic equations and applications. <i>Asymptotic Analysis</i> , 2023, 135, 509-524.	0.5	1
2	DEVELOPMENT AND APPLICATION OF NEW COMPOSITIONS TO IMPROVE THE EFFICIENCY OF OIL FIELD EQUIPMENT OPERATION. <i>Oil and Gas Business</i> , 2023, 21, 169-176.	0.0	0
3	An asymptotic expansion for the fractional p -Laplacian and for gradient-dependent nonlocal operators. <i>Communications in Contemporary Mathematics</i> , 2022, 24, .	1.2	13
4	Nonlocal characterizations of variable exponent Sobolev spaces. <i>Asymptotic Analysis</i> , 2021, , 1-22.	0.5	0
5	Nonlocal approximations to anisotropic Sobolev norms. <i>Asymptotic Analysis</i> , 2021, , 1-20.	0.5	0
6	Some characterizations of magnetic Sobolev spaces. <i>Complex Variables and Elliptic Equations</i> , 2020, 65, 1104-1114.	0.8	12
7	Generalized solutions of variational problems and applications. <i>Advances in Nonlinear Analysis</i> , 2020, 9, 124-147.	2.6	4
8	Sobolev versus Hölder minimizers for the degenerate fractional p -Laplacian. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 191, 111635.	1.1	16
9	Nonexistence for hyperbolic problems on Riemannian manifolds1. <i>Asymptotic Analysis</i> , 2020, 120, 87-101.	0.5	6
10	Approximate convexity principles and applications to PDEs in convex domains. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 192, 111661.	1.1	2
11	Fine boundary regularity for the degenerate fractional p -Laplacian. <i>Journal of Functional Analysis</i> , 2020, 279, 108659.	1.4	29
12	New characterizations of Sobolev metric spaces. <i>Journal of Functional Analysis</i> , 2019, 276, 1853-1874.	1.4	13
13	On Hardy and Caffarelli-Kohn-Nirenberg inequalities. <i>Journal D'Analyse Mathématique</i> , 2019, 139, 773-797.	0.8	11
14	Modulational stability of ground states to nonlinear Kirchhoff equations. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 477, 844-859.	1.1	6
15	Cancer of Unknown Primary: A Review on Clinical Guidelines in the Development and Targeted Management of Patients with the Unknown Primary Site. <i>Cureus</i> , 2019, 11, e5552.	0.5	37
16	Magnetic BV-functions and the Bourgain-Brezis-Mironescu formula. <i>Advances in Calculus of Variations</i> , 2019, 12, 225-252.	1.3	32
17	On anisotropic Sobolev spaces. <i>Communications in Contemporary Mathematics</i> , 2019, 21, 1850017.	1.2	9
18	Ground states for fractional magnetic operators. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2018, 24, 1-24.	1.4	81

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19	Fractional NLS equations with magnetic field, critical frequency and critical growth. <i>Manuscripta Mathematica</i> , 2018, 155, 115-140.	0.5	33
20	Existence results for double-phase problems via Morse theory. <i>Communications in Contemporary Mathematics</i> , 2018, 20, 1750023.	1.2	87
21	Fractional Caffarelliâ€“Kohnâ€“Nirenberg inequalities. <i>Journal of Functional Analysis</i> , 2018, 274, 2661-2672.	1.4	33
22	Optimal solvability for a nonlocal problem at critical growth. <i>Journal of Differential Equations</i> , 2018, 264, 2242-2269.	2.2	11
23	New characterizations of magnetic Sobolev spaces. <i>Advances in Nonlinear Analysis</i> , 2018, 7, 227-245.	2.6	25
24	Asymptotic mean value properties for fractional anisotropic operators. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 466, 107-126.	1.1	4
25	Gausson dynamics for logarithmic SchrÃ¶dinger equations. <i>Asymptotic Analysis</i> , 2018, 107, 203-226.	0.5	5
26	Nonlocal problems with critical Hardy nonlinearity. <i>Journal of Functional Analysis</i> , 2018, 275, 3065-3114.	1.4	48
27	Global compactness results for nonlocal problems. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2018, 11, 391-424.	1.1	10
28	Bifurcation results for problems with fractional Trudinger-Moser nonlinearity. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2018, 11, 561-576.	1.1	10
29	SchrÃ¶dingerâ€“Poisson systems with a general critical nonlinearity. <i>Communications in Contemporary Mathematics</i> , 2017, 19, 1650028.	1.2	24
30	Nonlocal problems with singular nonlinearity. <i>Bulletin Des Sciences Mathematiques</i> , 2017, 141, 223-250.	1.0	51
31	A festschrift in honor of Professor Patrizia Pucciâ€™s 65th birthday. <i>Advances in Nonlinear Analysis</i> , 2017, 6, 95-98.	2.6	0
32	Singularly perturbed critical Choquard equations. <i>Journal of Differential Equations</i> , 2017, 263, 3943-3988.	2.2	116
33	Logarithmic Sobolev inequality revisited. <i>Comptes Rendus Mathematique</i> , 2017, 355, 447-451.	0.3	5
34	The Maz'yaâ€“Shaposhnikova limit in the magnetic setting. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 449, 1152-1159.	1.1	23
35	Ground states for fractional Kirchhoff equations with critical nonlinearity in low dimension. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.	0.8	55
36	Some remarks on rearrangement for nonlocal functionals. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2017, 162, 1-12.	1.1	2

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37	A note on fractional $\{\varvec{p}\}$ p -Laplacian problems with singular weights. Journal of Fixed Point Theory and Applications, 2017, 19, 157-173.	1.1	14
38	Uniqueness of limit flow for a class of quasi-linear parabolic equations. Advances in Nonlinear Analysis, 2017, 6, 243-276.	2.6	3
39	Nonlocal Schrödinger-Kirchhoff equations with external magnetic field. Discrete and Continuous Dynamical Systems, 2017, 37, 1631-1649.	1.0	49
40	A note on global regularity for the weak solutions of fractional p -Laplacian equations. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2016, 27, 15-24.	0.6	8
41	Global Hölder regularity for the fractional p -Laplacian. Revista Matematica Iberoamericana, 2016, 32, 1353-1392.	0.7	141
42	Bifurcation and multiplicity results for critical fractional p -Laplacian problems. Mathematische Nachrichten, 2016, 289, 332-342.	0.7	59
43	Bourgain's Brézis-Mironescu formula for magnetic operators. Comptes Rendus Mathematique, 2016, 354, 825-831.	0.3	61
44	Critical and subcritical fractional problems with vanishing potentials. Communications in Contemporary Mathematics, 2016, 18, 1550063.	1.2	35
45	The Brezis-Nirenberg problem for the fractional p -Laplacian. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	90
46	Critical Nonlocal Systems with Concave-Convex Powers. Advanced Nonlinear Studies, 2016, 16, 821-842.	1.7	36
47	Existence results for fractional p -Laplacian problems via Morse theory. Advances in Calculus of Variations, 2016, 9, 101-125.	1.3	154
48	Optimal decay of extremals for the fractional Sobolev inequality. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	73
49	Fractional Schrödinger-Poisson Systems with a General Subcritical or Critical Nonlinearity. Advanced Nonlinear Studies, 2016, 16, 15-30.	1.7	110
50	Nonlocal problems at nearly critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2016, 136, 84-101.	1.1	54
51	Eigenvalues for double phase variational integrals. Annali Di Matematica Pura Ed Applicata, 2016, 195, 1917-1959.	1.0	169
52	The Brezis-Nirenberg problem for nonlocal systems. Advances in Nonlinear Analysis, 2016, 5, 85-103.	2.6	21
53	Critical fractional p -Laplacian problems with possibly vanishing potentials. Journal of Mathematical Analysis and Applications, 2016, 433, 818-831.	1.1	18
54	The Nehari manifold for fractional systems involving critical nonlinearities. Communications on Pure and Applied Analysis, 2016, 15, 1285-1308.	0.8	42

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55	Fractional logarithmic Schrödinger equations. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 5207-5216.	2.2	49
56	Nonlocal problems at critical growth in contractible domains. <i>Asymptotic Analysis</i> , 2015, 95, 79-100.	0.5	3
57	Ground states for scalar field equations with anisotropic nonlocal nonlinearities. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 35, 5963-5976.	1.0	1
58	Nonautonomous fractional problems with exponential growth. <i>Nonlinear Differential Equations and Applications</i> , 2015, 22, 1395-1410.	0.8	32
59	Existence results for a doubly nonlocal equation. <i>Sao Paulo Journal of Mathematical Sciences</i> , 2015, 9, 311-324.	0.4	20
60	Asymptotically linear fractional Schrödinger equations. <i>Complex Variables and Elliptic Equations</i> , 2015, 60, 529-558.	0.8	6
61	Multiple solutions to logarithmic Schrödinger equations with periodic potential. <i>Calculus of Variations and Partial Differential Equations</i> , 2015, 54, 585-597.	1.7	89
62	Stability of eigenvalues for variable exponent problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015, 123-124, 56-67.	1.1	6
63	On fractional Choquard equations. <i>Mathematical Models and Methods in Applied Sciences</i> , 2015, 25, 1447-1476.	3.3	163
64	A note on the Dancer's Fučík spectra of the fractional p -Laplacian and Laplacian operators. <i>Advances in Nonlinear Analysis</i> , 2015, 4, 13-23.	2.6	22
65	H^s versus C^0 -weighted minimizers. <i>Nonlinear Differential Equations and Applications</i> , 2015, 22, 477-497.	0.8	45
66	On Coron's problem for the p -Laplacian. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 421, 362-369.	1.1	11
67	Stability of variational eigenvalues for the fractional p -Laplacian. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 36, 1813-1845.	1.0	83
68	Soliton dynamics for fractional Schrödinger equations. <i>Applicable Analysis</i> , 2014, 93, 1702-1729.	1.3	50
69	ON THE LOGARITHMIC SCHRÖDINGER EQUATION. <i>Communications in Contemporary Mathematics</i> , 2014, 16, 1350032.	1.2	67
70	SOLITON DYNAMICS FOR THE SCHRÖDINGER-NEWTON SYSTEM. <i>Mathematical Models and Methods in Applied Sciences</i> , 2014, 24, 553-572.	3.3	20
71	Weyl-type laws for fractional p -eigenvalue problems. <i>Asymptotic Analysis</i> , 2014, 88, 233-245.	0.5	79
72	Asymptotic behavior of the eigenvalues of the $p(x)$ -Laplacian. <i>Manuscripta Mathematica</i> , 2014, 144, 535-544.	0.5	6

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73	$\frac{1}{2}$ -Laplacian problems with exponential nonlinearity. Journal of Mathematical Analysis and Applications, 2014, 414, 372-385.	1.1	71
74	Global compactness for a class of quasi-linear elliptic problems. Manuscripta Mathematica, 2013, 140, 119-144.	0.5	10
75	Computing the first eigenpair for problems with variable exponents. Journal of Fixed Point Theory and Applications, 2013, 13, 561-570.	1.1	6
76	Symmetry of n -mode positive solutions for two-dimensional Hénon type systems. Journal of Mathematical Analysis and Applications, 2013, 405, 128-134.	1.1	0
77	Obesity Among Kuwaitis Aged 50 Years or Older: Prevalence, Correlates, and Comorbidities. Gerontologist, The, 2013, 53, 555-566.	4.2	23
78	Symmetry results for the $p(x)$ -Laplacian equation. Advances in Nonlinear Analysis, 2013, 2, .	2.6	2
79	On Explosive Solutions for a Class of Quasi-linear Elliptic Equations. Advanced Nonlinear Studies, 2013, 13, 663-698.	1.7	4
80	On the stability of standing waves of Klein-Gordon equations in a semiclassical regime. Discrete and Continuous Dynamical Systems, 2013, 33, 2389-2401.	1.0	3
81	On the Mountain-Pass algorithm for the quasi-linear Schrödinger equation. Discrete and Continuous Dynamical Systems - Series B, 2013, 18, 1345-1360.	0.9	1
82	On symmetry results for elliptic equations with convex nonlinearities. Communications on Pure and Applied Analysis, 2013, 12, 3013-3026.	0.8	0
83	Uniqueness of ground states for a class of quasi-linear elliptic equations. Advances in Nonlinear Analysis, 2012, 1, .	2.6	6
84	On the Struwe–Jeanjean–Toland monotonicity trick. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2012, 142, 155-169.	1.5	3
85	Diffeomorphism-invariant properties for quasi-linear elliptic operators. Journal of Fixed Point Theory and Applications, 2012, 11, 137-157.	1.1	3
86	On a bifurcation value related to quasi-linear Schrödinger equations. Journal of Fixed Point Theory and Applications, 2012, 12, 121-133.	1.1	2
87	Boundary behavior for a singular quasi-linear elliptic equation. Journal of Mathematical Analysis and Applications, 2012, 393, 692-696.	1.1	4
88	RADIAL SYMMETRY OF MINIMAX CRITICAL POINTS FOR NONSMOOTH FUNCTIONALS. Communications in Contemporary Mathematics, 2011, 13, 487-508.	1.2	5
89	On the symmetry of minimizers in constrained quasi-linear problems. Advances in Calculus of Variations, 2011, 4, .	1.3	0
90	On the Well-Posedness of a Class of Vector Schrödinger Equations. Advanced Nonlinear Studies, 2011, 11, 525-540.	1.7	0

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91	An approach to minimization under a constraint: the added mass technique. <i>Calculus of Variations and Partial Differential Equations</i> , 2011, 41, 511-534.	1.7	11
92	On Ekeland's variational principle. <i>Journal of Fixed Point Theory and Applications</i> , 2011, 10, 191-195.	1.1	6
93	On Palais' principle for non-smooth functionals. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011, 74, 3786-3804.	1.1	15
94	Mountain Pass solutions for quasi-linear equations via a monotonicity trick. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 381, 857-865.	1.1	4
95	On a result by Boccardo-Ferone-Fusco-Orsina. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2011, 22, 505-511.	0.6	1
96	Asymptotic Symmetry for a Class of Quasi-Linear Parabolic Problems. <i>Advanced Nonlinear Studies</i> , 2010, 10, 789-818.	1.7	11
97	Symmetry Results for Nonvariational Quasi-Linear Elliptic Systems. <i>Advanced Nonlinear Studies</i> , 2010, 10, 939-955.	1.7	5
98	Soliton dynamics for a general class of Schrödinger equations. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 365, 776-796.	1.1	5
99	Soliton dynamics for CNLS systems with potentials. <i>Asymptotic Analysis</i> , 2010, 66, 61-86.	0.5	8
100	Semi-classical limit for Schrödinger equations with magnetic field and Hartree-type nonlinearities. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2010, 140, 973-1009.	1.5	111
101	Stability and instability results for standing waves of quasi-linear Schrödinger equations. <i>Nonlinearity</i> , 2010, 23, 1353-1385.	1.5	95
102	Energy convexity estimates for non-degenerate ground states of nonlinear 1D Schrödinger systems. <i>Communications on Pure and Applied Analysis</i> , 2010, 9, 867-884.	0.8	6
103	Asymptotic behavior of a thermoviscoelastic plate with memory effects. <i>Asymptotic Analysis</i> , 2009, 63, 55-84.	0.5	8
104	Existence and symmetry of least energy solutions for a class of quasi-linear elliptic equations. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2009, 26, 1701-1716.	1.4	6
105	Soliton dynamics for the nonlinear Schrödinger equation with magnetic field. <i>Manuscripta Mathematica</i> , 2009, 130, 461-494.	0.5	22
106	On phase segregation in nonlocal two-particle Hartree systems. <i>Open Mathematics</i> , 2009, 7, .	1.0	1
107	Semiclassical states for weakly coupled nonlinear Schrödinger systems. <i>Journal of the European Mathematical Society</i> , 2008, 10, 47-71.	1.3	85
108	On the long term spatial segregation for a competition-diffusion system. <i>Asymptotic Analysis</i> , 2008, 57, 83-103.	0.5	6

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109	Location and phase segregation of ground and excited states for 2D Grossâ€Pitaevskii systems. Dynamics of Partial Differential Equations, 2008, 5, 117-137.	0.9	11
110	Singular limit of differential systems with memory. Indiana University Mathematics Journal, 2006, 55, 169-216.	0.9	77
111	Global solutions and finite time blow up for damped semilinear wave equations. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2006, 23, 185-207.	1.4	194
112	Locating the Peaks of Semilinear Elliptic Systems. Advanced Nonlinear Studies, 2005, 5, 441-460.	1.7	0
113	On the Strongly Damped Wave Equation. Communications in Mathematical Physics, 2005, 253, 511-533.	2.3	123
114	ON THE LOCATION OF SPIKES FOR THE SCHRÃ–DINGER EQUATION WITH ELECTROMAGNETIC FIELD. Communications in Contemporary Mathematics, 2005, 07, 251-268.	1.2	12
115	Two solutions for inhomogeneous nonlinear elliptic equations at critical growth. Nonlinear Differential Equations and Applications, 2004, 11, 53-71.	0.8	14
116	Unbounded critical points for a class of lower semicontinuous functionals. Journal of Differential Equations, 2004, 201, 25-62.	2.2	24
117	Existence and nonexistence results for critical growth biharmonic elliptic equations. Calculus of Variations and Partial Differential Equations, 2003, 18, 117-143.	1.7	99
118	On the regularity of solutions in the Pucci-Serrin identity. Calculus of Variations and Partial Differential Equations, 2003, 18, 317-334.	1.7	48
119	Infinitely many solutions for polyharmonic elliptic problems with broken symmetries. Mathematische Nachrichten, 2003, 253, 35-44.	0.7	7
120	Spike solutions for a class of singularly perturbed quasilinear elliptic equations. Nonlinear Analysis: Theory, Methods & Applications, 2003, 54, 1307-1336.	1.1	8
121	On the existence of two solutions for a general class of jumping problems. Topological Methods in Nonlinear Analysis, 2003, 21, 325.	0.1	1
122	Asymptotics of Solutions for fully Nonlinear Elliptic Problems at Nearly Critical Growth. Zeitschrift Fur Analysis Und Ihre Anwendung, 2002, 21, 185-201.	0.7	3
123	On the existence of solutions to a fourth-order quasilinear resonant problem. Abstract and Applied Analysis, 2002, 7, 125-133.	0.6	18
124	Multiple solutions for quasilinear elliptic problems with exponential growth. Manuscripta Mathematica, 2001, 106, 315-337.	0.5	2
125	On the existence of positive entire solutions of nonlinear elliptic equations. Topological Methods in Nonlinear Analysis, 2001, 17, 23.	0.1	4
126	Weak solutions to general Euler's equations via nonsmooth critical point theory. Annales De La FacultÃ© Des Sciences De Toulouse, 2000, 9, 113-131.	0.3	20

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127	Bifurcation and multiplicity results for critical p -Laplacian problems. Topological Methods in Nonlinear Analysis, 0, , 1.	0.1	3