JoÃ£o Marcos Do

List of Publications by Year
in descending order

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119	2,185	245449	263525
papers	citations	24 h-index	42 g-index

127	127	127	480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quasilinear Laneâ€“Emden type systems with sub-natural growth terms. Nonlinear Analysis: Theory, Methods & Applications, 2024, 242, 113516.	1.1	0
2	Singular solutions to Yamabe-type systems with prescribed asymptotics. Journal of Differential Equations, 2023, 347, 246-281.	2.2	1
3	On a sharp inequality of Adimurthiâ€“Druet type and extremal functions. Calculus of Variations and Partial Differential Equations, 2023, 62, .	1.7	3
4	Hamiltonian elliptic systems with critical polynomial-exponential growth. Nonlinear Analysis: Theory, Methods & Applications, 2022, 214, 112579.	1.1	0
5	Multiplicity results for fractional magnetic problems involving exponential growth. Mathematical Methods in the Applied Sciences, 2022, 45, 3098-3123.	2.2	0
6	Soliton solutions for a class of SchrÃ¶dinger equations with a positive quasilinear term and critical growth. Proceedings of the Edinburgh Mathematical Society, 2022, 65, 279-301.	0.4	2
7	Singular solutions to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e22" altimg="si5.svg"><mml:mi>k</mml:mi></mml:math>-Hessian equations with fast-growing nonlinearities. Nonlinear Analysis: Theory, Methods & Applications, 2022, 222, 113000.	1.1	3
8	Qualitative properties for solutions to subcritical fourth order systems*. Nonlinearity, 2022, 35, 5249-5296.	1.5	0
9	On supercritical problems involving the Laplace operator. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 187-201.	1.5	4
10	Supercritical problems with concave and convex nonlinearities in â„N. Communications in Contemporary Mathematics, 2021, 23, 2050052.	1.2	2
11	Ground state solutions of Hamiltonian elliptic systems in dimension two. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1737-1768.	1.5	13
12	POSITIVE GROUND STATES FOR A CLASS OF SUPERLINEAR -LAPLACIAN COUPLED SYSTEMS INVOLVING SCHRÃ–DINGER EQUATIONS. Journal of the Australian Mathematical Society, 2020, 109, 193-216.	0.6	2
13	Extremal for a k-Hessian inequality of Trudingerâ€“Moser type. Mathematische Zeitschrift, 2020, 295, 1683-1706.	0.9	3
14	Quasilinear elliptic equations with critical growth involving jumping nonlinearities. Mathematische Nachrichten, 2020, 293, 1094-1109.	0.7	0
15	A Sharp Adams-Type Inequality for Weighted Sobolev Spaces. Quarterly Journal of Mathematics, 2020, 71, 517-538.	0.7	6
16	Stationary Kirchhoff equations involving critical growth and vanishing potential. ESAIM - Control, Optimisation and Calculus of Variations, 2020, 26, 74.	1.4	0
17	Fractional Kirchhoff problem with critical indefinite nonlinearity. Mathematische Nachrichten, 2019, 292, 615-632.	0.7	8
18	Nonautonomous fractional Hamiltonian system with critical exponential growth. Nonlinear Differential Equations and Applications, 2019, 26, 1.	0.8	4

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19	Spiked vector solutions of coupled SchrÃ¶dinger systems with critical exponent and solutions concentrating on spheres. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	2
20	Solutions concentrating around the saddle points of the potential for two-dimensional SchrÃ¶dinger equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	1.4	4
21	Qualitative properties of positive singular solutions to nonlinear elliptic systems with critical exponent. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2019, 36, 1575-1601.	1.4	8
22	Existence for a k-Hessian equation involving supercritical growth. Journal of Differential Equations, 2019, 267, 1001-1024.	2.2	18
23	On nonquadratic fractional coupled elliptic systems in â„. Complex Variables and Elliptic Equations, 2019, 64, 1994-2018.	0.8	1
24	Hardy-Sobolev type inequality and supercritical extremal problem. Discrete and Continuous Dynamical Systems, 2019, 39, 3345-3364.	1.0	6
25	Spike solutions for nonlinear SchrÃ¶dinger equations in 2D with vanishing potentials. Annali Di Matematica Pura Ed Applicata, 2019, 198, 2093-2122.	1.0	2
26	Vanishing-concentration-compactness alternative for the Trudingerâ€“Moser inequality in â„N. Communications in Contemporary Mathematics, 2018, 20, 1650036.	1.2	9
27	On coupled systems of nonlinear SchrÃ¶dinger equations with critical exponential growth. Applicable Analysis, 2018, 97, 1000-1015.	1.3	13
28	Some elliptic problems with singular nonlinearity and advection for Riemannian manifolds. Journal of Mathematical Analysis and Applications, 2018, 460, 582-609.	1.1	3
29	On Laneâ€“Emden Systems with Singular Nonlinearities and Applications to MEMS. Advanced Nonlinear Studies, 2018, 18, 41-53.	1.7	3
30	Ground states for a linearly coupled system of SchrÃ¶dinger equations on R N. Asymptotic Analysis, 2018, 108, 221-241.	0.5	6
31	Existence and Concentration of Positive Solutions for Nonlinear Kirchhoff-Type Problems with a General Critical Nonlinearity. Proceedings of the Edinburgh Mathematical Society, 2018, 61, 1023-1040.	0.4	13
32	Concentration-compactness and extremal problems for a weighted Trudingerâ€“Moser inequality. Communications in Contemporary Mathematics, 2017, 19, 1650003.	1.2	7
33	SchrÃ¶dingerâ€“Poisson systems with a general critical nonlinearity. Communications in Contemporary Mathematics, 2017, 19, 1650028.	1.2	24
34	Stationary nonlinear SchrÃ¶dinger equations in $$mathbb {R}^2$$ R 2 with potentials vanishing at infinity. Annali Di Matematica Pura Ed Applicata, 2017, 196, 363-393.	1.0	24
35	Concentration-compactness principle for nonlocal scalar field equations with critical growth. Journal of Mathematical Analysis and Applications, 2017, 449, 1189-1228.	1.1	4
36	Positive ground state of coupled systems of SchrÃ¶dinger equations in involving critical exponential growth. Mathematical Methods in the Applied Sciences, 2017, 40, 6864-6879.	2.2	11

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37	Some results for a class of quasilinear elliptic equations with singular nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 2017, 148, 1-29.	1.1	3
38	Multiâ€peak standing waves for nonlinear SchrÃ¶dinger equations involving critical growth. Mathematische Nachrichten, 2017, 290, 1588-1601.	0.7	2
39	HÃ©non type equations with one-sided exponential growth. Topological Methods in Nonlinear Analysis, 2017, 49, 1.	0.1	1
40	Singularly perturbed N-Laplacian problems with a nonlinearity in the critical growth range. Topological Methods in Nonlinear Analysis, 2017, 49, 1.	0.1	0
41	Standing waves for a system of nonlinear SchrÃ¶dinger equations in R N. Asymptotic Analysis, 2016, 96, 351-372.	0.5	1
42	On a class of Hamiltonian elliptic systems involving unbounded or decaying potentials in dimension two. Mathematische Nachrichten, 2016, 289, 1568-1584.	0.7	11
43	Semiclassical states of p-Laplacian equations with a general nonlinearity in critical case. Journal of Mathematical Physics, 2016, 57, .	1.2	9
44	Quasilinear Elliptic Equations with Singular Nonlinearity. Advanced Nonlinear Studies, 2016, 16, 363-379.	1.7	5
45	Trudingerâ€“Moser inequality on the whole plane and extremal functions. Communications in Contemporary Mathematics, 2016, 18, 1550054.	1.2	14
46	Critical and subcritical fractional problems with vanishing potentials. Communications in Contemporary Mathematics, 2016, 18, 1550063.	1.2	35
47	Concentration Phenomena for Fractional Elliptic Equations Involving Exponential Critical Growth. Advanced Nonlinear Studies, 2016, 16, 843-861.	1.7	17
48	On a Quasilinear SchrÃ¶dinger Problem at Resonance. Advanced Nonlinear Studies, 2016, 16, 569-580.	1.7	3
49	Hamiltonian elliptic systems in $$mathbb {R}^2$$ R 2 with subcritical and critical exponential growth. Annali Di Matematica Pura Ed Applicata, 2016, 195, 935-956.	1.0	19
50	On supercritical Sobolev type inequalities and related elliptic equations. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	21
51	On a class quasilinear SchrÃ¶dinger equations in â„ⁿ. Applicable Analysis, 2016, 95, 323-340.	1.3	4
52	Positive solutions for some nonlocal and nonvariational elliptic systems. Complex Variables and Elliptic Equations, 2016, 61, 297-314.	0.8	29
53	Symmetry properties for nonnegative solutions of non-uniformly elliptic equations in the hyperbolic space. Journal of Mathematical Analysis and Applications, 2016, 435, 1753-1771.	1.1	1
54	Fractional SchrÃ¶dingerâ€“Poisson Systems with a General Subcritical or Critical Nonlinearity. Advanced Nonlinear Studies, 2016, 16, 15-30.	1.7	110

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55	Ground states of nonlocal scalar field equations with Trudinger-Moser critical nonlinearity. Topological Methods in Nonlinear Analysis, 2016, 48, 1.	0.1	7
56	Multi-bump solutions for singularly perturbed SchrÃ¶dinger equations in $mathbb{R}^2$ with general nonlinearities. Topological Methods in Nonlinear Analysis, 2016, 48, 1.	0.1	1
57	Solitary Waves for a Class of Quasilinear SchrÃ¶dinger Equations Involving Vanishing Potentials. Advanced Nonlinear Studies, 2015, 15, 691-714.	1.7	5
58	Nonautonomous fractional problems with exponential growth. Nonlinear Differential Equations and Applications, 2015, 22, 1395-1410.	0.8	32
59	Adams Type Inequality and Application for a Class of Polyharmonic Equations with Critical Growth. Advanced Nonlinear Studies, 2015, 15, 867-888.	1.7	3
60	Hamiltonian elliptic systems involving nonlinear SchrÃ¶dinger equations with critical growth. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 2237-2254.	1.4	2
61	Critical Points for a Functional Involving Critical Growth of Trudingerâ€“Moser Type. Potential Analysis, 2015, 42, 229-246.	0.9	6
62	A sharp inequality of Trudingerâ€“Moser type and extremal functions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>,</mml stretchy="false">(</mml:mo><mml:msup><mml:mrow><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 452 Td (mathvariant="double-st	2.2	24
63	Standing waves for nonlinear SchrÃ¶dinger equations involving critical growth of Trudingerâ€“Moser type. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 3049-3060.	1.4	17
64	Concentration-compactness principle and extremal functions for a sharp Trudinger-Moser inequality. Calculus of Variations and Partial Differential Equations, 2015, 52, 125-163.	1.7	5
65	Quasilinear nonhomogeneous SchrÃ¶dinger equation with critical exponential growth in R^n. Topological Methods in Nonlinear Analysis, 2015, 45, 615.	0.1	4
66	Positive solutions for certain classes of fourth-order ordinary elliptic systems. Progress in Nonlinear Differential Equations and Their Application, 2015, , 163-171.	0.0	0
67	Concentration-compactness principle for an inequality by D.Â Adams. Calculus of Variations and Partial Differential Equations, 2014, 51, 195-215.	1.7	4
68	An improvement for the Trudingerâ€“Moser inequality and applications. Journal of Differential Equations, 2014, 256, 1317-1349.	2.2	57
69	Asymptotic behavior of least energy solutions for a singularly perturbed problem with nonlinear boundary condition. Calculus of Variations and Partial Differential Equations, 2014, 49, 491-516.	1.7	1
70	Positive Solutions for BVPs with One-dimensional Mean Curvature Operator. Advanced Nonlinear Studies, 2014, 14, 261-271.	1.7	0
71	Asymptotic Behavior of Sobolev Trace Embeddings in Expanding Domains. Progress in Nonlinear Differential Equations and Their Application, 2014, , 1-21.	0.0	0
72	On Singular Trudingerâ€“Moser Type Inequalities for Unbounded Domains and Their Best Exponents. Potential Analysis, 2013, 38, 1091-1101.	0.9	12

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73	Compactness properties of critical nonlinearities and nonlinear SchrÃ¶dinger equations. Proceedings of the Edinburgh Mathematical Society, 2013, 56, 427-441.	0.4	6
74	Elliptic equations and systems with critical Trudinger-Moser nonlinearities. Discrete and Continuous Dynamical Systems, 2011, 30, 455-476.	1.0	57
75	On positive solutions for a class of quasilinear elliptic systems. Acta Mathematica Hungarica, 2011, 132, 316-338.	0.5	1
76	On a class of singular Trudingerâ€Moser type inequalities and its applications. Mathematische Nachrichten, 2011, 284, 1754-1776.	0.7	43
77	On a singular and nonhomogeneous N-Laplacian equation involving critical growth. Journal of Mathematical Analysis and Applications, 2011, 380, 241-263.	1.1	12
78	Cocompactness and minimizers for inequalities of Hardyâ€“Sobolev type involving N-Laplacian. Nonlinear Differential Equations and Applications, 2010, 17, 467-477.	0.8	18
79	A quasi-linear elliptic equation with critical growth on compact Riemannian manifold without boundary. Annals of Global Analysis and Geometry, 2010, 38, 317-334.	0.6	21
80	Solitary waves for a class of quasilinear SchrÃ¶dinger equations in dimension two. Calculus of Variations and Partial Differential Equations, 2010, 38, 275-315.	1.7	97
81	Properties of positive harmonic functions on the half-space with a nonlinear boundary condition. Journal of Differential Equations, 2010, 248, 617-637.	2.2	11
82	SchrÃ¶dinger equations with critical nonlinearity, singular potential and a ground state. Journal of Differential Equations, 2010, 249, 240-252.	2.2	1
83	Solutions for singular quasilinear SchrÃ¶dinger equations with one parameter. Communications on Pure and Applied Analysis, 2010, 9, 1011-1023.	0.8	19
84	Existence and concentration of solitary waves for a class of quasilinear SchrÃ¶dinger equations. Communications on Pure and Applied Analysis, 2010, 9, 281-306.	0.8	21
85	SEMI-CLASSICAL STATES FOR QUASILINEAR SCHRÃ–DINGER EQUATIONS ARISING IN PLASMA PHYSICS. Communications in Contemporary Mathematics, 2009, 11, 547-583.	1.2	20
86	On a quasilinear nonhomogeneous elliptic equation with critical growth in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi mathvariant="double-struck">R</mml:mi><mml:mi>N</mml:mi></mml:msup></mml:math>. Journal of Differential Equations, 2009, 246, 1363-1386.	2.2	127
87	Solitary Waves for Quasilinear SchrÃ¶dinger Equations Arising in Plasma Physics. Advanced Nonlinear Studies, 2009, 9, 479-497.	1.7	8
88	Multiplicity results for some quasilinear elliptic problems. Topological Methods in Nonlinear Analysis, 2009, 36, 77.	0.1	19
89	Quasilinear SchrÃ¶dinger equations involving concave and convex nonlinearities. Communications on Pure and Applied Analysis, 2009, 8, 621-644.	0.8	112
90	On the existence of signed and sign-changing solutions for a class of superlinear SchrÃ¶dinger equations. Journal of Mathematical Analysis and Applications, 2008, 342, 432-445.	1.1	13

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91	A nonhomogeneous elliptic problem involving critical growth in dimension two. Journal of Mathematical Analysis and Applications, 2008, 345, 286-304.	1.1	82
92	Multiplicity of solutions for a class of non-homogeneous fourth-order boundary value problems. Applied Mathematics Letters, 2008, 21, 279-286.	2.9	6
93	Non-variational elliptic systems in dimension two: a priori bounds and existence of positive solutions. Journal of Fixed Point Theory and Applications, 2008, 4, 77-96.	1.1	11
94	Non-Variational Elliptic Systems in Dimension Two: A Priori Bounds and Existence of Positive Solutions. , 2008, , 661-680.		2
95	Periodic solutions for nonlinear equations with mean curvature-like operators. Applied Mathematics Letters, 2007, 20, 484-492.	2.9	26
96	Semilinear Elliptic Systems With Exponential Nonlinearities in Two Dimensions. Advanced Nonlinear Studies, 2006, 6, 199-213.	1.7	11
97	Periodic solutions for nonlinear systems with mean curvature-like operators. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 1462-1475.	1.1	36
98	On a SchrÃ¶dinger equation with periodic potential and critical growth in $$mathbb{R}^{2} $$. Nonlinear Differential Equations and Applications, 2006, 13, 167-192.	0.8	33
99	Local superlinearity for elliptic systems involving parameters. Journal of Differential Equations, 2005, 211, 1-19.	2.2	47
100	An Orlicz-space approach to superlinear elliptic systems. Journal of Functional Analysis, 2005, 224, 471-496.	1.4	61
101	Multiplicity of positive solutions for a class of quasilinear nonhomogeneous Neumann problems. Nonlinear Analysis: Theory, Methods & Applications, 2005, 60, 1443-1471.	1.1	24
102	On existence and concentration of positive bound states of p-Laplacian equations in involving critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2005, 62, 777-801.	1.1	22
103	Three positive radial solutions for elliptic equations in a ball. Applied Mathematics Letters, 2005, 18, 1163-1169.	2.9	6
104	THREE POSITIVE SOLUTIONS FOR A CLASS OF ELLIPTIC SYSTEMS IN ANNULAR DOMAINS. Proceedings of the Edinburgh Mathematical Society, 2005, 48, 365-373.	0.4	7
105	Multiparameter Elliptic Equations in Annular Domains. Progress in Nonlinear Differential Equations and Their Application, 2005, , 233-245.	0.0	3
106	On nonlinear perturbations of a periodic elliptic problem in involving critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2004, 56, 781-791.	1.1	57
107	On a class of singular biharmonic problems involving critical exponents. Journal of Mathematical Analysis and Applications, 2003, 277, 12-26.	1.1	25
108	On a class of semilinear SchrÃ¶dinger equations involving critical growth and discontinuous nonlinearities. Nonlinear Analysis: Theory, Methods & Applications, 2003, 54, 885-906.	1.1	4

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109	MULTIPLE SOLUTIONS FOR A CLASS OF QUASILINEAR ELLIPTIC PROBLEMS. Proceedings of the Edinburgh Mathematical Society, 2003, 46, 159-168.	0.4	6
110	Positive solutions of a fourth-order semilinear problem involving critical growth. Advanced Nonlinear Studies, 2002, 2, 437-458.	1.7	21
111	On an inequality by N. Trudinger and J. Moser and related elliptic equations. Communications on Pure and Applied Mathematics, 2002, 55, 135-152.	3.1	129
112	On some fourth-order semilinear elliptic problems in. Nonlinear Analysis: Theory, Methods & Applications, 2002, 49, 861-884.	1.1	53
113	Local mountain-pass for a class of elliptic problems in involving critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 495-510.	1.1	57
114	On perturbations of a class of a periodic m-Laplacian equation with critical growth. Nonlinear Analysis: Theory, Methods & Applications, 2001, 45, 849-863.	1.1	29
115	Nontrivial solutions for a class of semilinear biharmonic problems involving critical exponents. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 121-133.	1.1	19
116	On a Class of Nonlinear SchrÃ¶dinger Equations in R2 Involving Critical Growth. Journal of Differential Equations, 2001, 174, 289-311.	2.2	52
117	The Nehari manifold for indefinite Kirchhoff problem with Caffarelli-Kohn-Nirenberg type critical growth. Topological Methods in Nonlinear Analysis, 0, , 105-134.	0.1	2
118	Concentration-compactness for singular nonlocal SchrÃ¶dinger equations with oscillatory nonlinearities. Topological Methods in Nonlinear Analysis, 0, , 1.	0.1	2
119	Compactness Within the Space of Complete, Constant Q-Curvature Metrics on the Sphere with Isolated Singularities. International Mathematics Research Notices, 0, , .	0.9	0