

Lucio Boccardo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6255827/publications.pdf>

Version: 2024-02-01

122
papers

3,853
citations

218677

26
h-index

128289

60
g-index

127
all docs

127
docs citations

127
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic systems with nonlinear diffusion and a convection term. <i>Discrete and Continuous Dynamical Systems</i> , 2023, 43, 1052-1069.	0.9	1
2	Hardy potential versus lower order terms in Dirichlet problems: regularizing effects. <i>Mathematics in Engineering</i> , 2022, 5, 1-14.	0.9	0
3	The duality method for mean field games systems. <i>Communications on Pure and Applied Analysis</i> , 2022, .	0.8	0
4	Lower order terms in divergence form versus lower order terms with natural growth in some Dirichlet problems. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	1.2	1
5	An elliptic system with singular nonlinearities: Existence via non variational arguments. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 516, 126490.	1.0	1
6	On an elliptic chemotaxis system with flux limitation and subcritical signal production. <i>Applied Mathematics Letters</i> , 2022, 134, 108299.	2.7	6
7	A quasilinear singular elliptic problem related to the Kardar-Parisi-Zhang equation. <i>Applicable Analysis</i> , 2021, 100, 1096-1106.	1.3	3
8	A nonlinear homotopy between two linear Dirichlet problems. <i>Revista Matematica Complutense</i> , 2021, 34, 541-558.	1.2	4
9	Maximum principle thanks to interplay between coefficients in some Dirichlet problems. <i>Applied Mathematics Letters</i> , 2021, 112, 106701.	2.7	1
10	Regularizing effect of the interplay between coefficients in Dirichlet problems with convection or drift terms. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021, 27, 47.	1.3	3
11	Weak maximum principle for Dirichlet problems with convection or drift terms. <i>Mathematics in Engineering</i> , 2021, 3, 1-9.	0.9	3
12	Regularizing Effect of Two Hypotheses on the Interplay Between Coefficients in Some Hamilton-Jacobi Equations. <i>Advanced Nonlinear Studies</i> , 2021, 21, 251-260.	1.7	1
13	Regularity results and asymptotic behavior for a noncoercive parabolic problem. <i>Journal of Evolution Equations</i> , 2021, 21, 2195-2211.	1.1	6
14	An Elliptic System Related to the Stationary Thermistor Problem. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 6910-6931.	1.9	2
15	The impact of a lower order term in a Dirichlet problem with a singular nonlinearity. <i>Portugaliae Mathematica</i> , 2020, 76, 407-415.	0.4	5
16	A semilinear system of Schrödinger-Maxwell equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 194, 111453.	1.1	0
17	Very singular solutions for linear Dirichlet problems with singular convection terms. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 194, 111437.	1.1	8
18	Existence Results for a System of Kirchhoff-Schrödinger-Maxwell Equations. <i>Mediterranean Journal of Mathematics</i> , 2020, 17, 1.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Sublinear elliptic systems with a convection term. Communications in Partial Differential Equations, 2020, 45, 690-713.	2.2	13
20	Regularizing effect of the interplay between coefficients in some nonlinear Dirichlet problems with distributional data. Annali Di Matematica Pura Ed Applicata, 2020, 199, 1909-1921.	1.0	4
21	Strong Maximum Principle for Some Quasilinear Dirichlet Problems Having Natural Growth Terms. Advanced Nonlinear Studies, 2020, 20, 503-510.	1.7	2
22	Stampacchia's Calderón-Zygmund theory for linear elliptic equations with discontinuous coefficients and singular drift. ESAIM - Control, Optimisation and Calculus of Variations, 2019, 25, 47.	1.3	10
23	Some cases of weak continuity in nonlinear Dirichlet problems. Journal of Functional Analysis, 2019, 277, 3673-3687.	1.4	2
24	Two semilinear Dirichlet problems "almost" in duality. Bollettino Dell Unione Matematica Italiana, 2019, 12, 349-356.	1.0	2
25	Regularizing effect for a system of Schrödinger-Maxwell equations. Advances in Calculus of Variations, 2018, 11, 75-87.	1.2	8
26	Regularizing effect of L interplay between coefficients in some elliptic equations. Journal Des Mathematiques Pures Et Appliquees, 2018, 111, 106-125.	1.6	21
27	Critical points of non-regular integral functionals. Revista Matematica Iberoamericana, 2018, 34, 1001-1020.	0.9	3
28	Two Linear Noncoercive Dirichlet Problems in Duality. Milan Journal of Mathematics, 2018, 86, 97-104.	1.1	23
29	Regularizing effect of the lower order terms in some elliptic problems: old and new. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2018, 29, 387-399.	0.6	4
30	A weak minima approach to the study of the existence of saddle points of integral functionals. Nonlinear Analysis: Theory, Methods & Applications, 2018, 177, 88-95.	1.1	0
31	A nonlinear problem with Signorini boundary conditions and non regular data. AIP Conference Proceedings, 2018, , .	0.4	0
32	T-minima for nonlinear parabolic problems: a variational approach for L^1 data. Journal of Evolution Equations, 2018, 18, 1843-1852.	1.1	0
33	T-minima and application to the convergence of some integral functionals with infinite energy minima. Nonlinear Analysis: Theory, Methods & Applications, 2018, 177, 96-104.	1.1	0
34	The Regularizing Effect of Lower Order Terms in Elliptic Problems Involving Hardy Potential. Advanced Nonlinear Studies, 2017, 17, 311-317.	1.7	9
35	Existence via regularity of solutions for elliptic systems and saddle points of functionals of the calculus of variations. Advances in Nonlinear Analysis, 2017, 6, 99-120.	2.6	1
36	Some elliptic equations with $W^{1,p}$ solutions. Nonlinear Analysis: Theory, Methods & Applications, 2017, 153, 130-141.	1.1	4

#	ARTICLE	IF	CITATIONS
37	The role of interplay between coefficients in the G -convergence of some elliptic equations. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2017, 28, 729-745.	0.6	2
38	Strongly coupled elliptic equations related to mean-field games systems. Journal of Differential Equations, 2016, 261, 1796-1834.	2.2	12
39	Compactness of minimizing sequences. Nonlinear Analysis: Theory, Methods & Applications, 2016, 137, 213-221.	1.1	4
40	Some borderline cases of nonlinear parabolic equations with irregular data. Journal of Evolution Equations, 2016, 16, 51-64.	1.1	2
41	Elliptic Systems of Schrödinger Type in the Spirit of Benci-Fortunato. Advanced Nonlinear Studies, 2015, 15, 321-331.	1.7	5
42	G -convergence in a semilinear problem with a $W^{0,1}$ solution. Asymptotic Analysis, 2015, 93, 65-74.	0.5	1
43	A failing in the Calderon-Zygmund theory of Dirichlet problems for linear equations with discontinuous coefficients. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2015, 26, 215-221.	0.6	4
44	Dirichlet problems with singular convection terms and applications. Journal of Differential Equations, 2015, 258, 2290-2314.	1.1	8
45	Existence of solutions and regularizing effect for some elliptic nonlinear problems with nonhomogeneous Neumann boundary conditions. Revista Matematica Complutense, 2015, 28, 263-280.	2.2	39
46	A Class of Quasilinear Dirichlet Problems with Unbounded Coefficients and Singular Quadratic Lower Order Terms. Milan Journal of Mathematics, 2015, 83, 157-176.	1.2	2
47	A quasilinear elliptic equation with $W^{0,1}$ solutions. Bolletino Dell Unione Matematica Italiana, 2015, 8, 17-29.	1.1	10
48	$W^{1,1}(\Omega)$ Solutions of Nonlinear Problems with Nonhomogeneous Neumann Boundary Conditions. Milan Journal of Mathematics, 2015, 83, 279-293.	1.0	1
49	Regularizing effect of the interplay between coefficients in some elliptic equations. Journal of Functional Analysis, 2015, 268, 1153-1166.	1.1	2
50	Leray-Lions operators with logarithmic growth. Journal of Mathematical Analysis and Applications, 2015, 423, 608-622.	1.4	30
51	A quasilinear elliptic system with natural growth terms. Annali Di Matematica Pura Ed Applicata, 2015, 194, 1733-1750.	1.0	5
52	Some properties of solutions of some semilinear elliptic singular problems and applications to the G -convergence. Asymptotic Analysis, 2014, 86, 1-15.	1.0	7
53	Existence and regularity results for p -Laplacian boundary value problems. SeMA Journal, 2014, 66, 9-27.	0.5	20
54		2.0	1

#	ARTICLE	IF	CITATIONS
55	Some degenerate parabolic problems: Existence and decay properties. Discrete and Continuous Dynamical Systems - Series S, 2014, 7, 617-629.	1.1	8
56	$W_{0^{1,1}}$ Solutions in Some Borderline Cases of Elliptic Equations with Degenerate Coercivity. , 2014, , 135-143.		1
57	$W_{0^{1,1}}$ -solutions for elliptic problems having gradient quadratic lower order terms. Nonlinear Differential Equations and Applications, 2013, 20, 1741-1757.	0.8	3
58	Critical points for functionals with quasilinear singular Euler-Lagrange equations. Calculus of Variations and Partial Differential Equations, 2013, 47, 159-180.	1.7	14
59	Sublinear Elliptic Equations With Singular Potentials. Advanced Nonlinear Studies, 2012, 12, 187-198.	1.7	3
60	A semilinear problem with a $W_{0^{1,1}}$ solution. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2012, 23, 97-103.	0.6	3
61	A Dirichlet problem with singular and supercritical nonlinearities. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 4436-4440.	1.1	32
62	$W_{0^{1,1}}$ in some borderline cases of Calderon-Zygmund theory. Journal of Differential Equations, 2012, 253, 2698-2714.	2.2	33
63	Uniqueness for elliptic problems with Hölder-type dependence on the solution. Communications on Pure and Applied Analysis, 2012, 12, 1569-1585.	0.8	1
64	Nonlinear degenerate elliptic problems with $W_{0^{1,1}}(\Omega)$ solutions. Manuscripta Mathematica, 2012, 137, 419-439.	0.6	34
65	QUASILINEAR ELLIPTIC EQUATIONS WITH SINGULAR QUADRATIC GROWTH TERMS. Communications in Contemporary Mathematics, 2011, 13, 607-642.	1.2	5
66	Existence results for quasilinear elliptic and parabolic problems with quadratic gradient terms and sources. Advances in Calculus of Variations, 2011, 4, .	1.2	15
67	$W_{0^{1,1}}$ minima of noncoercive functionals. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2011, 22, 513-523.	0.6	4
68	A Contribution to the Theory of Quasilinear Elliptic Equations and Application to the Minimization of Integral Functionals. Milan Journal of Mathematics, 2011, 79, 193-206.	1.1	13
69	A variational semilinear singular system. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3849-3860.	1.1	7
70	Semilinear elliptic equations with singular nonlinearities. Calculus of Variations and Partial Differential Equations, 2010, 37, 363-380.	1.7	188
71	Some elliptic problems with singular natural growth lower order terms. Journal of Differential Equations, 2010, 249, 2771-2795.	2.2	52
72	The Fatou lemma approach to the existence in quasilinear elliptic equations with natural growth terms. Complex Variables and Elliptic Equations, 2010, 55, 445-453.	0.8	5

#	ARTICLE	IF	CITATIONS
73	H-convergence of singular solutions of some Dirichlet problems with terms of order one. Asymptotic Analysis, 2009, 64, 239-249.	0.5	2
74	Marcinkiewicz estimates for solutions of some elliptic problems with nonregular data. Annali Di Matematica Pura Ed Applicata, 2009, 188, 591-601.	1.0	26
75	Summability and existence results for nonlinear parabolic equations. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 978-990.	1.1	18
76	A nonlinear interpolation result with application to the summability of minima of some integral functionals. Discrete and Continuous Dynamical Systems - Series B, 2009, 11, 31-42.	0.9	3
77	A Calderon-Zygmund theory for infinite energy minima of some integral functionals. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2009, 20, 195-205.	0.6	1
78	Dirichlet problems with singular and gradient quadratic lower order terms. ESAIM - Control, Optimisation and Calculus of Variations, 2008, 14, 411-426.	1.3	68
79	EXISTENCE OF FINITE ENERGY SOLUTIONS FOR ELLIPTIC SYSTEMS WITH $L^{1¹}$ -VALUED NONLINEARITIES. Mathematical Models and Methods in Applied Sciences, 2008, 18, 669-687.	3.3	11
80	A remark on existence and optimal summability of solutions of elliptic problems involving Hardy potential. Discrete and Continuous Dynamical Systems, 2006, 16, 513-523.	0.9	43
81	Quasilinear elliptic equations with subquadratic growth. Journal of Differential Equations, 2006, 229, 367-388.	2.2	4
82	Minimization Problems with Singular Data. Milan Journal of Mathematics, 2006, 74, 265-278.	1.1	4
83	Some Elliptic Problems With Degenerate Coercivity. Advanced Nonlinear Studies, 2006, 6, 1-12.	1.7	19
84	T-minima. Progress in Nonlinear Differential Equations and Their Application, 2005, , 93-103.	0.9	0
85	On the regularizing effect of strongly increasing lower order terms. Journal of Evolution Equations, 2003, 3, 225-236.	1.1	10
86	Some noncoercive parabolic equations with lower order terms in divergence form. Journal of Evolution Equations, 2003, 3, 407-418.	1.1	28
87	Existence results for nonlinear elliptic equations with degenerate coercivity. Annali Di Matematica Pura Ed Applicata, 2003, 182, 53-79.	1.0	124
88	Bounded Positive Critical Points of Some Multiple Integrals of the Calculus of Variations. , 2003, , 33-51.		4
89	On the regularizing effect of strongly increasing lower order terms. , 2003, , 225-236.		5
90	An Introduction to Critical Points for Intergral Functionals. Pakistan Journal of Medical Sciences, 2002, 31, 1-12.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Bounded Solutions for a Class of Quasi-linear Parabolic Problems with a Quadratic Gradient Term. , 2002, , 39-48.		7
92	Some remarks on a system of quasilinear elliptic equations. Nonlinear Differential Equations and Applications, 2002, 9, 309-323.	0.8	98
93	Nonlinear Systems of Elliptic Equations with Natural Growth Conditions and Sign Conditions. Applied Mathematics and Optimization, 2002, 46, 143-166.	1.6	16
94	Some Dirichlet problems with bad coercivity. Discrete and Continuous Dynamical Systems, 2002, 8, 319-329.	0.9	1
95	Existence of critical points for some noncoercive functionals. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2001, 18, 437-457.	1.4	10
96	Bounded and unbounded solutions for a class of quasi-linear elliptic problems with a quadratic gradient term. Journal Des Mathematiques Pures Et Appliquees, 2001, 80, 919-940.	1.6	57
97	Existence results for dirichlet problems in L^1 via minty's lemma. Applicable Analysis, 2000, 76, 309-317.	1.3	18
98	Some remarks on critical point theory for nondifferentiable functionals. Nonlinear Differential Equations and Applications, 1999, 6, 79-100.	0.8	35
99	Existence and nonexistence of solutions for some nonlinear elliptic equations. Journal D'Analyse Mathematique, 1997, 73, 203-223.	0.8	76
100	Nonlinear Parabolic Equations with Measure Data. Journal of Functional Analysis, 1997, 147, 237-258.	1.4	229
101	Existence and uniqueness of entropy solutions for nonlinear elliptic equations with measure data. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 1996, 13, 539-551.	1.4	220
102	Critical points for multiple integrals of the calculus of variations. Archive for Rational Mechanics and Analysis, 1996, 134, 249-274.	2.4	73
103	A Dirichlet problem involving critical exponents. Nonlinear Analysis: Theory, Methods & Applications, 1995, 24, 1639-1648.	1.1	69
104	A property of nonlinear elliptic equations when the right-hand side is a measure. Potential Analysis, 1994, 3, 257-263.	0.9	12
105	Nonlinear Elliptic Equations in R^N without Growth Restrictions on the Data. Journal of Differential Equations, 1993, 105, 334-363.	2.2	110
106	Strongly nonlinear elliptic equations having natural growth terms and L^1 data. Nonlinear Analysis: Theory, Methods & Applications, 1992, 19, 573-579.	1.1	99
107	Almost everywhere convergence of the gradients of solutions to elliptic and parabolic equations. Nonlinear Analysis: Theory, Methods & Applications, 1992, 19, 581-597.	1.1	345
108	Homogenization of Nonlinear Unilateral Problems. , 1991, , 81-105.		9

#	ARTICLE	IF	CITATIONS
109	Existence Results Via Regularity For Some Nonlinear Elliptic Problems. Communications in Partial Differential Equations, 1989, 14, 663-680.	2.2	18
110	Existence results for some quasilinear parabolic equations. Nonlinear Analysis: Theory, Methods & Applications, 1989, 13, 373-392.	1.1	79
111	Non-linear elliptic and parabolic equations involving measure data. Journal of Functional Analysis, 1989, 87, 149-169.	1.4	756
112	L^∞ and L^1 Variations on a Theme of $\hat{\Gamma}$ -Convergence. , 1989, , 135-147.		0
113	L^∞ and L^1 Variations on a Theme of $\hat{\Gamma}$ -Convergence. , 1989, , 135-147.		0
114	Existence of bounded solutions for non linear elliptic unilateral problems. Annali Di Matematica Pura Ed Applicata, 1988, 152, 183-196.	1.0	228
115	Stability results for two classes of nonlinear unilateral problems. Numerical Functional Analysis and Optimization, 1987, 9, 447-469.	1.4	1
116	Generalization of Fredholm alternative for nonlinear differential operators. Nonlinear Analysis: Theory, Methods & Applications, 1986, 10, 1083-1103.	1.1	50
117	An L^∞ -estimate for the gradient of solutions of some nonlinear unilateral problems. Annali Di Matematica Pura Ed Applicata, 1985, 141, 277-287.	1.0	12
118	Strongly nonlinear unilateral problems. Applied Mathematics and Optimization, 1982, 9, 291-301.	1.6	10
119	Existence and stability results for solutions of some strongly nonlinear constrained problems. Nonlinear Analysis: Theory, Methods & Applications, 1981, 5, 975-988.	1.1	5
120	Régularité $W_{0,1,p}$ ($2 < p < +\infty$) de la solution d'un problème unilatéral. Annales De La Faculté Des Sciences De Toulouse, 1981, 3, 69-74.	0.3	3
121	Sulla convergenza delle soluzioni di disequazioni variazionali. Annali Di Matematica Pura Ed Applicata, 1976, 110, 137-159.	1.0	60
122	Nonlinear weighted elliptic equations with Sobolev weights. Bolletino Dell Unione Matematica Italiana, 0, , .	1.0	1