Jean Dolbeault

List of Publications by Year
in descending order

155	3,570	159585 30	182427 51
papers	citations	h-index	g-index

161	161	161	1133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Best constants for Gagliardoâ€“Nirenberg inequalities and applications to nonlinear diffusions. Journal Des Mathematiques Pures Et Appliquees, 2002, 81, 847-875.	1.6	251
2	Optimal critical mass in the two dimensional Kellerâ€“Segel model in. Comptes Rendus Mathematique, 2004, 339, 611-616.	0.3	165
3	Hypocoercivity for linear kinetic equations conserving mass. Transactions of the American Mathematical Society, 2015, 367, 3807-3828.	0.9	154
4	The optimal Euclidean Lp-Sobolev logarithmic inequality. Journal of Functional Analysis, 2003, 197, 151-161.	1.4	120
5	Long Time Behavior of Solutions to Nernst-Planck and Debye-HÃ¼ckel Drift-Diffusion Systems. Annales Henri Poincare, 2000, 1, 461-472.	1.7	115
6	On the Eigenvalues of Operators with Gaps. Application to Dirac Operators. Journal of Functional Analysis, 2000, 174, 208-226.	1.4	110
7	A new class of transport distances between measures. Calculus of Variations and Partial Differential Equations, 2009, 34, 193-231.	1.7	108
8	Asymptotics of the Fast Diffusion Equation via Entropy Estimates. Archive for Rational Mechanics and Analysis, 2009, 191, 347-385.	2.4	97
9	Hypocoercivity for kinetic equations with linear relaxation terms. Comptes Rendus Mathematique, 2009, 347, 511-516.	0.3	72
10	Sharp rates of decay of solutions to the nonlinear fast diffusion equation via functional inequalities. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16459-16464.	7.1	70
11	Kinetic models and quantum effects: A modified Boltzmann equation for Fermi-Dirac particles. Archive for Rational Mechanics and Analysis, 1994, 127, 101-131.	2.4	68
12	â€œBubble-towerâ€•radial solutions in the slightly supercritical Brezisâ€“Nirenberg problem. Journal of Differential Equations, 2003, 193, 280-306.	2.2	60
13	Nonlinear diffusions and optimal constants in Sobolev type inequalities: asymptotic behaviour of equations involving the -Laplacian. Comptes Rendus Mathematique, 2002, 334, 365-370.	0.3	59
14	On long time asymptotics of the vlasovâ€”poissonâ€”boltzmann equation. Communications in Partial Differential Equations, 1991, 16, 451-489.	2.2	55
15	Liebâ€“Thirring inequalities with improved constants. Journal of the European Mathematical Society, 2008, 10, 1121-1126.	1.4	50
16	Rigidity versus symmetry breaking via nonlinear flows on cylinders and Euclidean spaces. Inventiones Mathematicae, 2016, 206, 397-440.	2.5	48
17	Minimization Methods for the One-Particle Dirac Equation. Physical Review Letters, 2000, 85, 4020-4023.	7.8	46
18	The two-dimensional Keller-Segel model after blow-up. Discrete and Continuous Dynamical Systems, 2009, 25, 109-121.	0.9	45

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19	An analytical proof of Hardy-like inequalities related to the Dirac operator. Journal of Functional Analysis, 2004, 216, 1-21.	1.4	43
20	Nonlinear diffusions, hypercontractivity and the optimal Lp-Euclidean logarithmic Sobolev inequality. Journal of Mathematical Analysis and Applications, 2004, 293, 375-388.	1.0	43
21	Large mass self-similar solutions of the parabolicâ€“parabolic Kellerâ€“Segel model of chemotaxis. Journal of Mathematical Biology, 2011, 63, 1-32.	1.9	43
22	Variational characterization for eigenvalues of Dirac operators. Calculus of Variations and Partial Differential Equations, 2000, 10, 321-347.	1.7	41
23	Hardyâ€“PoincarÃ© inequalities and applications to nonlinear diffusions. Comptes Rendus Mathematique, 2007, 344, 431-436.	0.3	41
24	On the Symmetry of Extremals for the Caffarelli-Kohn-Nirenberg Inequalities. Advanced Nonlinear Studies, 2009, 9, 713-726.	1.7	41
25	The Brezisâ€“Nirenberg problem near criticality in dimension 3. Journal Des Mathematiques Pures Et Appliquees, 2004, 83, 1405-1456.	1.6	38
26	EXISTENCE OF STEADY STATES FOR THE MAXWELLâ€“SCHRÃ–DINGERâ€“POISSON SYSTEM: EXPLORING THE APPLICABILITY OF THE CONCENTRATIONâ€“COMPACTNESS PRINCIPLE. Mathematical Models and Methods in Applied Sciences, 2013, 23, 1915-1938.	3.3	38
27	Heterogeneous social interactions and the COVID-19 lockdown outcome in a multi-group SEIR model. Mathematical Modelling of Natural Phenomena, 2020, 15, 36.	2.4	34
28	Liebâ€“Thirring type inequalities and Gagliardoâ€“Nirenberg inequalities for systems. Journal of Functional Analysis, 2006, 238, 193-220.	1.4	33
29	On the continuity of the time derivative of the solution to the parabolic obstacle problem with variable coefficients. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 371-414.	1.6	32
30	One-dimensional Gagliardo-Nirenberg-Sobolev inequalities: remarks on duality and flows. Journal of the London Mathematical Society, 2014, 90, 525-550.	1.0	32
31	Geometry of phase space and solutions of semilinear elliptic equations in a ball. Transactions of the American Mathematical Society, 2007, 359, 4073-4088.	0.9	31
32	A logarithmic Hardy inequality. Journal of Functional Analysis, 2010, 259, 2045-2072.	1.4	31
33	Asymptotic Estimates for the Parabolic-Elliptic Keller-Segel Model in the Plane. Communications in Partial Differential Equations, 2014, 39, 806-841.	2.2	31
34	A variational method for relativistic computations in atomic and molecular physics. International Journal of Quantum Chemistry, 2003, 93, 149-155.	2.0	29
35	Nonlinear Stability in Lp for a Confined System of Charged Particles. SIAM Journal on Mathematical Analysis, 2002, 34, 478-494.	1.9	28
36	Refined convex Sobolev inequalities. Journal of Functional Analysis, 2005, 225, 337-351.	1.4	28

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37	Classification of the Solutions of Semilinear Elliptic Problems in a Ball. Journal of Differential Equations, 2000, 167, 438-466.	2.2	27
38	Asymptotic Behaviour for the Vlasov-Poisson System in the Stellar-Dynamics Case. Archive for Rational Mechanics and Analysis, 2004, 171, 301-327.	2.4	27
39	On the Long-Time Behavior of the Quantum Fokker-Planck Equation. Monatshefte Fur Mathematik, 2004, 141, 237-257.	0.9	26
40	Asymptotic behaviour for small mass in the two-dimensional parabolicâ€“elliptic Kellerâ€“Segel model. Journal of Mathematical Analysis and Applications, 2010, 361, 533-542.	1.0	26
41	Improved interpolation inequalities, relative entropy and fast diffusion equations. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2013, 30, 917-934.	1.4	26
42	Nodal solutions for a sublinear elliptic equation. Nonlinear Analysis: Theory, Methods & Applications, 2003, 52, 219-237.	1.1	25
43	Estimates for the optimal constants in multipolar Hardy inequalities for SchrÃ¶dinger and Dirac operators. Communications on Pure and Applied Analysis, 2008, 7, 533-562.	0.8	25
44	Interpolation between logarithmic Sobolev and Poincare inequalities. Communications in Mathematical Sciences, 2007, 5, 971-979.	1.0	25
45	On Singular Limits of Mean-Field Equations. Archive for Rational Mechanics and Analysis, 2001, 158, 319-351.	2.4	24
46	Relative Entropies for Kinetic Equations in Bounded Domains (Irreversibility, Stationary Solutions,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	23
47	Non linear Diffusions as Limit of Kinetic Equations with Relaxation Collision Kernels. Archive for Rational Mechanics and Analysis, 2007, 186, 133-158.	2.4	23
48	On the Bakry-Emery criterion for linear diffusions and weighted porous media equations. Communications in Mathematical Sciences, 2008, 6, 477-494.	1.0	23
49	L q -Functional Inequalities and Weighted Porous Media Equations. Potential Analysis, 2008, 28, 35-59.	0.9	22
50	Sharp Interpolation Inequalities on the Sphere: New Methods and Consequences. Chinese Annals of Mathematics Series B, 2013, 34, 99-112.	0.4	22
51	A logarithmic fourth-order parabolic equation and related logarithmic Sobolev inequalities. Communications in Mathematical Sciences, 2006, 4, 275-290.	1.0	22
52	Radial symmetry and symmetry breaking for some interpolation inequalities. Calculus of Variations and Partial Differential Equations, 2011, 42, 461-485.	1.7	21
53	Nonlinear flows and rigidity results on compact manifolds. Journal of Functional Analysis, 2014, 267, 1338-1363.	1.4	21
54	Non-Existence and Uniqueness Results for Supercritical Semilinear Elliptic Equations. Annales Henri Poincare, 2010, 10, 1311-1333.	1.7	20

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55	Extremal functions for Caffarelliâ€"Kohnâ€"Nirenberg and logarithmic Hardy inequalities. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2012, 142, 745-767.	1.2	20
56	Hypocoercivity without confinement. Pure and Applied Analysis, 2020, 2, 203-232.	1.1	20
57	Fast diffusion equations: Matching large time asymptotics by relative entropy methods. Kinetic and Related Models, 2011, 4, 701-716.	0.9	20
58	On Maxwellian equilibria of insulated semiconductors. Interfaces and Free Boundaries, 2000, 2, 331-339.	0.8	19
59	Entropy-energy inequalities and improved convergence rates for nonlinear parabolic equations. Discrete and Continuous Dynamical Systems - Series B, 2006, 6, 1027-1050.	0.9	18
60	Sobolev and Hardy-Littlewood-Sobolev inequalities: duality and fast diffusion. Mathematical Research Letters, 2011, 18, 1037-1050.	0.5	18
61	LARGE TIME ASYMPTOTICS OF NONLINEAR DRIFT-DIFFUSION SYSTEMS WITH POISSON COUPLING. Transport Theory and Statistical Physics, 2001, 30, 521-536.	0.4	17
62	Spectral estimates on the sphere. Analysis and PDE, 2014, 7, 435-460.	1.4	17
63	TIME-DEPENDENT RESCALINGS AND LYAPUNOV FUNCTIONALS FOR THE VLASOVâ€"POISSON AND EULERâ€"POISSON SYSTEMS, AND FOR RELATED MODELS OF KINETIC EQUATIONS, FLUID DYNAMICS AND QUANTUM PHYSICS. Mathematical Models and Methods in Applied Sciences, 2001, 11, 407-432.	3.3	16
64	Symmetry of extremals of functional inequalities via spectral estimates for linear operators. Journal of Mathematical Physics, 2012, 53, .	1.1	15
65	Weighted fast diffusion equations (Part â...): Sharp asymptotic rates without symmetry and symmetry breaking in Caffarelli-Kohn-Nirenberg inequalities. Kinetic and Related Models, 2017, 10, 33-59.	0.9	15
66	Stochastic Stokes' Drift, Homogenized Functional Inequalities, and Large Time Behavior of Brownian Ratchets. SIAM Journal on Mathematical Analysis, 2009, 41, 46-76.	1.9	14
67	Multiplicity results for the assigned Gauss curvature problem in. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 2870-2881.	1.1	14
68	From PoincarÃ© to Logarithmic Sobolev Inequalities: A Gradient Flow Approach. SIAM Journal on Mathematical Analysis, 2012, 44, 3186-3216.	1.9	14
69	Relative entropies for the Vlasovâ€"Poisson system in bounded domains. Comptes Rendus Mathematique, 2000, 330, 867-872.	0.5	13
70	Hardy-type estimates for Dirac operators. Annales Scientifiques De L'Ecole Normale Superieure, 2007, 40, 885-900.	0.8	13
71	Relativistic Hydrogenic Atoms in Strong Magnetic Fields. Annales Henri Poincare, 2007, 8, 749-779.	1.7	12
72	Improved intermediate asymptotics for the heat equation. Applied Mathematics Letters, 2011, 24, 76-81.	2.7	12

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73	Nonlinear diffusions: Extremal properties of Barenblatt profiles, best matching and delays. Nonlinear Analysis: Theory, Methods & Applications, 2016, 138, 31-43.	1.1	12
74	Symmetry for extremal functions in subcritical Caffarelliâ€“Kohnâ€“Nirenberg inequalities. Comptes Rendus Mathematique, 2017, 355, 133-154.	0.3	12
75	The role of Onofri type inequalities in the symmetry properties of extremals for Caffarelli-Kohn-Nirenberg inequalities, in two space dimensions. Annali Della Scuola Normale Superiore Di Pisa Classe Di Scienze, 2009, , 313-341.	0.2	12
76	Asymptotic behavior of nonlinear diffusions. Mathematical Research Letters, 2003, 10, 551-557.	0.5	12
77	Symmetry And Monotonicity Properties For Positive Solutions Of Semi-Linear Elliptic PDE'S. Communications in Partial Differential Equations, 2000, 25, 1153-1169.	2.2	11
78	A QUALITATIVE STUDY OF LINEAR DRIFT-DIFFUSION EQUATIONS WITH TIME-DEPENDENT OR DEGENERATE COEFFICIENTS. Mathematical Models and Methods in Applied Sciences, 2007, 17, 327-362.	3.3	11
79	Improved PoincarÃ© inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5985-6001.	1.1	11
80	Rigidity results with applications to best constants and symmetry of Caffarelli-Kohn-Nirenberg and logarithmic Hardy inequalities. Calculus of Variations and Partial Differential Equations, 2015, 54, 2465-2481.	1.7	11
81	The Moser-Trudinger-Onofri inequality. Chinese Annals of Mathematics Series B, 2015, 36, 777-802.	0.4	11
82	Reverse Hardyâ€“Littlewoodâ€“Sobolev inequalities. Journal Des Mathematiques Pures Et Appliquees, 2019, 132, 133-165.	1.6	11
83	Improved interpolation inequalities on the sphere. Discrete and Continuous Dynamical Systems - Series S, 2014, 7, 695-724.	1.1	11
84	Weighted fast diffusion equations (Part â…¡): Sharp asymptotic rates of convergence in relative error by entropy methods. Kinetic and Related Models, 2017, 10, 61-91.	0.9	11
85	Convex Sobolev inequalities and spectral gap. Comptes Rendus Mathematique, 2006, 342, 307-312.	0.3	10
86	Spectral properties of SchrÃ¶dinger operators on compact manifolds: Rigidity, flows, interpolation and spectral estimates. Comptes Rendus Mathematique, 2013, 351, 437-440.	0.3	10
87	Branches of non-symmetric critical points and symmetry breaking in nonlinear elliptic partial differential equations. Nonlinearity, 2014, 27, 435-465.	1.4	10
88	Stability Results for Logarithmic Sobolev and Gagliardoâ€“Nirenberg Inequalities. International Mathematics Research Notices, 0, , rnv131.	1.0	10
89	Ï†-Entropies: convexity, coercivity and hypocoercivity for Fokkerâ€“Planck and kinetic Fokkerâ€“Planck equations. Mathematical Models and Methods in Applied Sciences, 2018, 28, 2637-2666.	3.3	10
90	Compactness properties for trace-class operators and applications to quantum mechanics. Monatshefte Fur Mathematik, 2008, 155, 43-66.	0.9	9

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91	ORBITALLY STABLE STATES IN GENERALIZED HARTREEâ€“FOCK THEORY. Mathematical Models and Methods in Applied Sciences, 2009, 19, 347-367.	3.3	9
92	A functional framework for the Kellerâ€“Segel system: Logarithmic Hardyâ€“Littlewoodâ€“Sobolev and related spectral gap inequalities. Comptes Rendus Mathematique, 2012, 350, 949-954.	0.3	9
93	Sobolev and Hardyâ€“Littlewoodâ€“Sobolev inequalities. Journal of Differential Equations, 2014, 257, 1689-1720.	2.2	9
94	General results on the eigenvalues of operators with gaps, arising from both ends of the gaps. Application to Dirac operators. Journal of the European Mathematical Society, 2006, 8, 243-251.	1.4	8
95	Qualitative Properties and Existence of Sign Changing Solutions with Compact Support for an Equation with a p-Laplace Operator. Advanced Nonlinear Studies, 2013, 13, 149-178.	1.7	8
96	Existence of sign changing solutions for an equation with a weighted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>p</mml:mi></mml:math>-Laplace operator. Nonlinear Analysis: Theory, Methods & Applications, 2014, 110, 1-22.	1.1	8
97	Best matching Barenblatt profiles are delayed. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 065206.	2.1	8
98	Social heterogeneity and the COVID-19 lockdown in a multi-group SEIR model. Computational and Mathematical Biophysics, 2021, 9, 14-21.	1.1	8
99	$$ext {L}^2$$-Hypocoercivity and Large Time Asymptotics of the Linearized Vlasovâ€“Poissonâ€“Fokkerâ€“Planck System. Journal of Statistical Physics, 2021, 184, 1.	1.2	8
100	An introduction to kinetic equations: the Vlasov-Poisson system and the Boltzmann equation. Discrete and Continuous Dynamical Systems, 2002, 8, 361-380.	0.9	8
101	Computational approaches of relativistic models in quantum chemistry. Handbook of Numerical Analysis, 2003, , 453-483.	1.8	7
102	A Phase Plane Analysis of the ?Multi-Bubbling? Phenomenon in Some Slightly Supercritical Equations. Monatshefte Fur Mathematik, 2004, 142, 57-79.	0.9	7
103	Monotonicity up to radially symmetric cores of positive solutions to nonlinear elliptic equations: local moving planes and unique continuation in a non-Lipschitz case. Nonlinear Analysis: Theory, Methods & Applications, 2004, 58, 299-317.	1.1	7
104	Flows and functional inequalities for fractional operators. Applicable Analysis, 2017, 96, 1547-1560.	1.3	7
105	Weighted interpolation inequalities: a perturbation approach. Mathematische Annalen, 2017, 369, 1237-1270.	1.4	7
106	Hypocoercivity and sub-exponential local equilibria. Monatshefte Fur Mathematik, 2021, 194, 41-65.	0.9	7
107	Entropy methods for kinetic models of traffic flow. Communications in Mathematical Sciences, 2003, 1, 409-421.	1.0	7
108	Time-dependent rescalings and Lyapunov functionals for some kinetic and fluid models. Transport Theory and Statistical Physics, 2000, 29, 537-549.	0.4	6

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109	A scenario for symmetry breaking in Caffarelliâ€“Kohnâ€“Nirenberg inequalities. Journal of Numerical Mathematics, 2012, 20, .	3.5	6
110	Exponential Rate of Convergence to Equilibrium for a Model Describing Fiber Lay-Down Processes. Applied Mathematics Research EXpress, 0, , .	1.0	6
111	The Euclidean Onofri Inequality in Higher Dimensions. International Mathematics Research Notices, 2013, 2013, 3600-3611.	1.0	6
112	Interpolation Inequalities, Nonlinear Flows, Boundary Terms, Optimality and Linearization. Journal of Elliptic and Parabolic Equations, 2016, 2, 267-295.	0.9	6
113	Magnetic rings. Journal of Mathematical Physics, 2018, 59, 051504.	1.1	6
114	About Existence, Symmetry and Symmetry Breaking for Extremal Functions of Some Interpolation Functional Inequalities. Abel Symposia, 2012, , 117-130.	0.3	6
115	Diffusion and kinetic transport with very weak confinement. Kinetic and Related Models, 2020, 13, 345-371.	0.9	6
116	Large time behaviour of solutions to nonhomogeneous diffusion equations. , 0, , .		6
117	Convexity estimates for nonlinear elliptic equations and application to free boundary problems. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2002, 19, 903-926.	1.4	5
118	Bifurcation diagrams and multiplicity for nonlocal elliptic equations modeling gravitating systems based on Fermi--Dirac statistics. Discrete and Continuous Dynamical Systems, 2015, 35, 139-154.	0.9	5
119	Multiple bubbling for the exponential nonlinearity in the slightly supercritical case. Communications on Pure and Applied Analysis, 2006, 5, 463-482.	0.8	5
120	Functional Inequalities: Nonlinear Flows and Entropy Methods as a Tool for Obtaining Sharp and Constructive Results. Milan Journal of Mathematics, 0, , 1.	1.1	5
121	Interpolation inequalities on the sphere: linear vs. nonlinear flows. Annales De La FacultÃ© Des Sciences De Toulouse, 2017, 26, 351-379.	0.3	5
122	Stability for the Gravitational Vlasovâ€“Poisson System in Dimension Two. Communications in Partial Differential Equations, 2006, 31, 1425-1449.	2.2	4
123	A variational proof of Nashâ€™s inequality. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2020, 31, 211-223.	0.6	4
124	A Phase Plane Analysis of the â€œMulti-Bubblingâ€•Phenomenon in Some Slightly Supercritical Equations. , 2004, , 57-79.		4
125	SYMMETRY AND SYMMETRY BREAKING: RIGIDITY AND FLOWS IN ELLIPTIC PDES. , 2019, , .		4
126	Improved Interpolation Inequalities and Stability. Advanced Nonlinear Studies, 2020, 20, 277-291.	1.7	4

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127	Travelling fronts in stochastic Stokesâ€™ drifts. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5741-5751.	2.6	3
128	Relative Equilibria in Continuous Stellar Dynamics. Communications in Mathematical Physics, 2010, 300, 765-788.	2.2	3
129	Thermal Effects in Gravitational Hartree Systems. Annales Henri Poincare, 2011, 12, 1055-1079.	1.7	3
130	Stationary solutions of Kellerâ€“Segel-type crowd motion and herding modelsÂ: Multiplicity and dynamical stability. Mathematics and Mechanics of Complex Systems, 2015, 3, 211-242.	0.9	3
131	Interpolation Inequalities and Spectral Estimates for Magnetic Operators. Annales Henri Poincare, 2018, 19, 1439-1463.	1.7	3
132	Symmetry Results in Two-Dimensional Inequalities for Aharonovâ€“Bohm Magnetic Fields. Communications in Mathematical Physics, 2020, 375, 2071-2087.	2.2	3
133	Inequalities involving Aharonovâ€“Bohm magnetic potentials in dimensions 2 and 3. Reviews in Mathematical Physics, 2021, 33, 2150006.	1.7	3
134	Onofri inequalities and rigidity results. Discrete and Continuous Dynamical Systems, 2017, 37, 3059-3078.	0.9	3
135	Uniqueness and rigidity in nonlinear elliptic equations, interpolation inequalities, and spectral estimates. Annales De La FacultÃ© Des Sciences De Toulouse, 2017, 26, 949-977.	0.3	3
136	Logarithmic estimates for mean-field models in dimension two and the SchrÃ¶dingerâ€“Poisson system. Comptes Rendus Mathematique, 2021, 359, 1279-1293.	0.3	3
137	Monokinetic charged particle beams: qualitative behavior of the solutions of the cauchy problem and 2d time-periodic solutions of the vlasov-poisson system. Communications in Partial Differential Equations, 2000, 25, 1567-1647.	2.2	2
138	Oscillating minimizers of a fourth-order problem invariant under scaling. Journal of Differential Equations, 2004, 205, 253-269.	2.2	2
139	Characterization of the critical magnetic field in the Diracâ€“Coulomb equation. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 185303.	2.1	2
140	EXTREMAL FUNCTIONS IN SOME INTERPOLATION INEQUALITIES: SYMMETRY, SYMMETRY BREAKING AND ESTIMATES OF THE BEST CONSTANTS. , 2011, , .		2
141	Kellerâ€“Liebâ€“Thirring inequalities for SchrÃ¶dinger operators on cylinders. Comptes Rendus Mathematique, 2015, 353, 813-818.	0.3	2
142	Sharp Interpolation Inequalities on the Sphere: New Methods and Consequences. , 2014, , 225-242.		2
143	Sharpening of Decay Rates in Fourier Based Hypocoercivity Methods. Springer INdAM Series, 2021, , 1-50.	0.5	2
144	Fractional Hypocoercivity. Communications in Mathematical Physics, 2022, 390, 1369-1411.	2.2	2

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145	Existence De Solutions Symetriques Pour Un Modele De Champs De Mesons:Le Modele D' Adkins Et Nappi. Communications in Partial Differential Equations, 1990, 15, 1743-1786.	2.2	1
146	Convexity estimates for nonlinear elliptic equations and application to free boundary problems. Comptes Rendus Mathematique, 2000, 331, 771-776.	0.5	1
147	Localized minimizers of flat rotating gravitational systems. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2008, 25, 1043-1071.	1.4	1
148	Harnack Inequalities and Discreteâ€"Continuous Error Estimates for a Chain of Atoms with Twoâ€"Body Interactions. Journal of Statistical Physics, 2009, 134, 27-51.	1.2	1
149	Generalized Logarithmic Hardyâ€"Littlewoodâ€"Sobolev Inequality. International Mathematics Research Notices, 2019, , .	1.0	1
150	Parabolic methods for ultraspherical interpolation inequalities. Discrete and Continuous Dynamical Systems, 2022, .	0.9	1
151	On Asymmetric Quasiperiodic Solutions of Hartreeâ€"Fock Systems. Journal of Differential Equations, 2002, 178, 314-324.	2.2	0
152	Optimal Functional Inequalities for Fractional Operators on the Sphere and Applications. Advanced Nonlinear Studies, 2016, 16, 863-880.	1.7	0
153	Classical and Quantum Mechanical Models of Many-Particle Systems. Oberwolfach Reports, 2017, 14, 3345-3425.	0.0	0
154	Weighted Korn and PoincarÃ©-Korn Inequalities in the Euclidean Space and Associated Operators. Archive for Rational Mechanics and Analysis, 2022, 243, 1565.	2.4	0
155	Constructive stability results in interpolation inequalities and explicit improvements of decay rates of fast diffusion equations. Discrete and Continuous Dynamical Systems, 2023, 43, 1070-1089.	0.9	0