Jean Dolbeault

List of Publications by Year
in descending order

155 papers	3,570 citations	159585 30 h-index	182427 51 g-index
161 all docs	161 docs citations	161 times ranked	1133 citing authors

#	Article	IF	Citations
1	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
2	Weighted Korn and Poincaré-Korn Inequalities in the Euclidean Space and Associated Operators. Archive for Rational Mechanics and Analysis, 2022, 243, 1565.	2.4	0
3	Fractional Hypocoercivity. Communications in Mathematical Physics, 2022, 390, 1369-1411.	2.2	2
4	Parabolic methods for ultraspherical interpolation inequalities. Discrete and Continuous Dynamical Systems, 2022, .	0.9	1
5	Inequalities involving Aharonovâ€"Bohm magnetic potentials in dimensions 2 and 3. Reviews in Mathematical Physics, 2021, 33, 2150006.	1.7	3
6	Hypocoercivity and sub-exponential local equilibria. Monatshefte Fur Mathematik, 2021, 194, 41-65.	0.9	7
7	Social heterogeneity and the COVID-19 lockdown in a multi-group SEIR model. Computational and Mathematical Biophysics, 2021, 9, 14-21.	1.1	8
8	$$\text {L}^2$$-Hypocoercivity and Large Time Asymptotics of the Linearized Vlasovâ€"Poissonâ€"Fokkerâ€"Planck System. Journal of Statistical Physics, 2021, 184, 1.	1.2	8
9	Sharpening of Decay Rates in Fourier Based Hypocoercivity Methods. Springer INdAM Series, 2021, , 1-50.	0.5	2
10	Logarithmic estimates for mean-field models in dimension two and the Schrödingerâ€"Poisson system. Comptes Rendus Mathematique, 2021, 359, 1279-1293.	0.3	3
11	Symmetry Results in Two-Dimensional Inequalities for Aharonovâ€"Bohm Magnetic Fields. Communications in Mathematical Physics, 2020, 375, 2071-2087.	2.2	3
12	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
13	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
14	Hypocoercivity without confinement. Pure and Applied Analysis, 2020, 2, 203-232.	1.1	20
15	Diffusion and kinetic transport with very weak confinement. Kinetic and Related Models, 2020, 13, 345-371.	0.9	6
16	Improved Interpolation Inequalities and Stability. Advanced Nonlinear Studies, 2020, 20, 277-291.	1.7	4
17	Reverse Hardyâ€"Littlewoodâ€"Sobolev inequalities. Journal Des Mathematiques Pures Et Appliquees, 2019, 132, 133-165.	1.6	11
18	Generalized Logarithmic Hardyâ€"Littlewoodâ€"Sobolev Inequality. International Mathematics Research Notices, 2019, , .	1.0	1

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19	SYMMETRY AND SYMMETRY BREAKING: RIGIDITY AND FLOWS IN ELLIPTIC PDES. , 2019, , .		4
20	Interpolation Inequalities and Spectral Estimates for Magnetic Operators. Annales Henri Poincare, 2018, 19, 1439-1463.	1.7	3
21	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
22	Magnetic rings. Journal of Mathematical Physics, 2018, 59, 051504.	1.1	6
23	Symmetry for extremal functions in subcritical Caffarelliâ€"Kohnâ€"Nirenberg inequalities. Comptes Rendus Mathematique, 2017, 355, 133-154.	0.3	12
24	Flows and functional inequalities for fractional operators. Applicable Analysis, 2017, 96, 1547-1560.	1.3	7
25	Weighted interpolation inequalities: a perturbation approach. Mathematische Annalen, 2017, 369, 1237-1270.	1.4	7
26	Classical and Quantum Mechanical Models of Many-Particle Systems. Oberwolfach Reports, 2017, 14, 3345-3425.	0.0	0
27	Onofri inequalities and rigidity results. Discrete and Continuous Dynamical Systems, 2017, 37, 3059-3078.	0.9	3
28	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
29	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
30	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
31	Interpolation inequalities on the sphere: linear vs. nonlinear flows. Annales De La FacultÃ© Des Sciences De Toulouse, 2017, 26, 351-379.	0.3	5
32	Interpolation Inequalities, Nonlinear Flows, Boundary Terms, Optimality and Linearization. Journal of Elliptic and Parabolic Equations, 2016, 2, 267-295.	0.9	6
33	Optimal Functional Inequalities for Fractional Operators on the Sphere and Applications. Advanced Nonlinear Studies, 2016, 16, 863-880.	1.7	0
34	Rigidity versus symmetry breaking via nonlinear flows on cylinders and Euclidean spaces. Inventiones Mathematicae, 2016, 206, 397-440.	2.5	48
35	Nonlinear diffusions: Extremal properties of Barenblatt profiles, best matching and delays. Nonlinear Analysis: Theory, Methods & Applications, 2016, 138, 31-43.	1.1	12
36	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

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37	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
38	Best matching Barenblatt profiles are delayed. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 065206.	2.1	8
39	Keller–Lieb–Thirring inequalities for Schrödinger operators on cylinders. Comptes Rendus Mathematique, 2015, 353, 813-818.	0.3	2
40	Hypocoercivity for linear kinetic equations conserving mass. Transactions of the American Mathematical Society, 2015, 367, 3807-3828.	0.9	154
41	The Moser-Trudinger-Onofri inequality. Chinese Annals of Mathematics Series B, 2015, 36, 777-802.	0.4	11
42	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
43	Branches of non-symmetric critical points and symmetry breaking in nonlinear elliptic partial differential equations. Nonlinearity, 2014, 27, 435-465.	1.4	10
44	Asymptotic Estimates for the Parabolic-Elliptic Keller-Segel Model in the Plane. Communications in Partial Differential Equations, 2014, 39, 806-841.	2.2	31
45	Sobolev and Hardy–Littlewood–Sobolev inequalities. Journal of Differential Equations, 2014, 257, 1689-1720.	2.2	9
46	Existence of sign changing solutions for an equation with a weighted p-Laplace operator. Nonlinear Analysis: Theory, Methods & Applications, 2014, 110, 1-22.	1.1	8
47	One-dimensional Gagliardo-Nirenberg-Sobolev inequalities: remarks on duality and flows. Journal of the London Mathematical Society, 2014, 90, 525-550.	1.0	32
48	Nonlinear flows and rigidity results on compact manifolds. Journal of Functional Analysis, 2014, 267, 1338-1363.	1.4	21
49	Spectral estimates on the sphere. Analysis and PDE, 2014, 7, 435-460.	1.4	17
50	Improved interpolation inequalities on the sphere. Discrete and Continuous Dynamical Systems - Series S, 2014, 7, 695-724.	1.1	11
51	Sharp Interpolation Inequalities on the Sphere: New Methods and Consequences. , 2014, , 225-242.		2
52	Spectral properties of Schrödinger operators on compact manifolds: Rigidity, flows, interpolation and spectral estimates. Comptes Rendus Mathematique, 2013, 351, 437-440.	0.3	10
53	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
54	Sharp Interpolation Inequalities on the Sphere: New Methods and Consequences. Chinese Annals of Mathematics Series B, 2013, 34, 99-112.	0.4	22

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55	The Euclidean Onofri Inequality in Higher Dimensions. International Mathematics Research Notices, 2013, 2013, 3600-3611.	1.0	6
56	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
57	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
58	Symmetry of extremals of functional inequalities via spectral estimates for linear operators. Journal of Mathematical Physics, 2012, 53, .	1.1	15
59	A scenario for symmetry breaking in Caffarelliâ€"Kohnâ€"Nirenberg inequalities. Journal of Numerical Mathematics, 2012, 20, .	3.5	6
60	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
61	From PoincarÃ© to Logarithmic Sobolev Inequalities: A Gradient Flow Approach. SIAM Journal on Mathematical Analysis, 2012, 44, 3186-3216.	1.9	14
62	Improved PoincarÃ© inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5985-6001.	1.1	11
63	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
64	About Existence, Symmetry and Symmetry Breaking for Extremal Functions of Some Interpolation Functional Inequalities. Abel Symposia, 2012, , 117-130.	0.3	6
65	EXTREMAL FUNCTIONS IN SOME INTERPOLATION INEQUALITIES: SYMMETRY, SYMMETRY BREAKING AND ESTIMATES OF THE BEST CONSTANTS. , 2011, , .		2
66	Radial symmetry and symmetry breaking for some interpolation inequalities. Calculus of Variations and Partial Differential Equations, 2011, 42, 461-485.	1.7	21
67	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
68	Thermal Effects in Gravitational Hartree Systems. Annales Henri Poincare, 2011, 12, 1055-1079.	1.7	3
69	Improved intermediate asymptotics for the heat equation. Applied Mathematics Letters, 2011, 24, 76-81.	2.7	12
70	Fast diffusion equations: Matching large time asymptotics by relative entropy methods. Kinetic and Related Models, 2011, 4, 701-716.	0.9	20
71	Sobolev and Hardy-Littlewood-Sobolev inequalities: duality and fast diffusion. Mathematical Research Letters, 2011, 18, 1037-1050.	0.5	18
72	Non-Existence and Uniqueness Results for Supercritical Semilinear Elliptic Equations. Annales Henri Poincare, 2010, 10, 1311-1333.	1.7	20

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73	Relative Equilibria in Continuous Stellar Dynamics. Communications in Mathematical Physics, 2010, 300, 765-788.	2.2	3
74	Asymptotic behaviour for small mass in the two-dimensional parabolic–elliptic Keller–Segel model. Journal of Mathematical Analysis and Applications, 2010, 361, 533-542.	1.0	26
75	A logarithmic Hardy inequality. Journal of Functional Analysis, 2010, 259, 2045-2072.	1.4	31
76	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
77	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
78	A new class of transport distances between measures. Calculus of Variations and Partial Differential Equations, 2009, 34, 193-231.	1.7	108
79	Harnack Inequalities and Discrete–Continuous Error Estimates for a Chain of Atoms with Two–Body Interactions. Journal of Statistical Physics, 2009, 134, 27-51.	1.2	1
80	Asymptotics of the Fast Diffusion Equation via Entropy Estimates. Archive for Rational Mechanics and Analysis, 2009, 191, 347-385.	2.4	97
81	Multiplicity results for the assigned Gauss curvature problem in. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 2870-2881.	1.1	14
82	Hypocoercivity for kinetic equations with linear relaxation terms. Comptes Rendus Mathematique, 2009, 347, 511-516.	0.3	72
83	The two-dimensional Keller-Segel model after blow-up. Discrete and Continuous Dynamical Systems, 2009, 25, 109-121.	0.9	45
84	ORBITALLY STABLE STATES IN GENERALIZED HARTREE–FOCK THEORY. Mathematical Models and Methods in Applied Sciences, 2009, 19, 347-367.	3.3	9
85	On the Symmetry of Extremals for the Caffarelli-Kohn-Nirenberg Inequalities. Advanced Nonlinear Studies, 2009, 9, 713-726.	1.7	41
86	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
87	L q -Functional Inequalities and Weighted Porous Media Equations. Potential Analysis, 2008, 28, 35-59.	0.9	22
88	Compactness properties for trace-class operators and applications to quantum mechanics. Monatshefte Fur Mathematik, 2008, 155, 43-66.	0.9	9
89	Travelling fronts in stochastic Stokes' drifts. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5741-5751.	2.6	3
90	Localized minimizers of flat rotating gravitational systems. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2008, 25, 1043-1071.	1.4	1

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91	Lieb–Thirring inequalities with improved constants. Journal of the European Mathematical Society, 2008, 10, 1121-1126.	1.4	50
92	Characterization of the critical magnetic field in the Dirac–Coulomb equation. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 185303.	2.1	2
93	Estimates for the optimal constants in multipolar Hardy inequalities for Schrödinger and Dirac operators. Communications on Pure and Applied Analysis, 2008, 7, 533-562.	0.8	25
94	On the Bakry-Emery criterion for linear diffusions and weighted porous media equations. Communications in Mathematical Sciences, 2008, 6, 477-494.	1.0	23
95	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
96	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
97	Hardy–Poincaré inequalities and applications to nonlinear diffusions. Comptes Rendus Mathematique, 2007, 344, 431-436.	0.3	41
98	Hardy-type estimates for Dirac operators. Annales Scientifiques De L'Ecole Normale Superieure, 2007, 40, 885-900.	0.8	13
99	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
100	Relativistic Hydrogenic Atoms in Strong Magnetic Fields. Annales Henri Poincare, 2007, 8, 749-779.	1.7	12
101	Interpolation between logarithmic Sobolev and Poincare inequalities. Communications in Mathematical Sciences, 2007, 5, 971-979.	1.0	25
102	Stability for the Gravitational Vlasov–Poisson System in Dimension Two. Communications in Partial Differential Equations, 2006, 31, 1425-1449.	2.2	4
103	Convex Sobolev inequalities and spectral gap. Comptes Rendus Mathematique, 2006, 342, 307-312.	0.3	10
104	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
105	Lieb–Thirring type inequalities and Gagliardo–Nirenberg inequalities for systems. Journal of Functional Analysis, 2006, 238, 193-220.	1.4	33
106	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
107	Multiple bubbling for the exponential nonlinearity in the slightly supercritical case. Communications on Pure and Applied Analysis, 2006, 5, 463-482.	0.8	5
108	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

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109	A logarithmic fourth-order parabolic equation and related logarithmic Sobolev inequalities. Communications in Mathematical Sciences, 2006, 4, 275-290.	1.0	22
110	Refined convex Sobolev inequalities. Journal of Functional Analysis, 2005, 225, 337-351.	1.4	28
111	On the Long-Time Behavior of the Quantum Fokker-Planck Equation. Monatshefte Fur Mathematik, 2004, 141, 237-257.	0.9	26
112	A Phase Plane Analysis of the ?Multi-Bubbling? Phenomenon in Some Slightly Supercritical Equations. Monatshefte Fur Mathematik, 2004, 142, 57-79.	0.9	7
113	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
114	Oscillating minimizers of a fourth-order problem invariant under scaling. Journal of Differential Equations, 2004, 205, 253-269.	2.2	2
115	An analytical proof of Hardy-like inequalities related to the Dirac operator. Journal of Functional Analysis, 2004, 216, 1-21.	1.4	43
116	Nonlinear diffusions, hypercontractivity and the optimal Lp-Euclidean logarithmic Sobolev inequality. Journal of Mathematical Analysis and Applications, 2004, 293, 375-388.	1.0	43
117	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
118	The Brezis–Nirenberg problem near criticality in dimension 3. Journal Des Mathematiques Pures Et Appliquees, 2004, 83, 1405-1456.	1.6	38
119	Optimal critical mass in the two dimensional Keller–Segel model in. Comptes Rendus Mathematique, 2004, 339, 611-616.	0.3	165
120	A Phase Plane Analysis of the "Multi-Bubbling" Phenomenon in Some Slightly Supercritical Equations. , 2004, , 57-79.		4
121	Relative Entropies for Kinetic Equations in Bounded Domains (Irreversibility, Stationary Solutions,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	23
122	"Bubble-tower" radial solutions in the slightly supercritical Brezis–Nirenberg problem. Journal of Differential Equations, 2003, 193, 280-306.	2.2	60
123	The optimal Euclidean Lp-Sobolev logarithmic inequality. Journal of Functional Analysis, 2003, 197, 151-161.	1.4	120
124	Nodal solutions for a sublinear elliptic equation. Nonlinear Analysis: Theory, Methods & Applications, 2003, 52, 219-237.	1.1	25
125	A variational method for relativistic computations in atomic and molecular physics. International Journal of Quantum Chemistry, 2003, 93, 149-155.	2.0	29
126	Computational approaches of relativistic models in quantum chemistry. Handbook of Numerical Analysis, 2003, , 453-483.	1.8	7

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127	Entropy methods for kinetic models of traffic flow. Communications in Mathematical Sciences, 2003, 1, 409-421.	1.0	7
128	Asymptotic behavior of nonlinear diffusions. Mathematical Research Letters, 2003, 10, 551-557.	0.5	12
129	Nonlinear Stability in Lp for a Confined System of Charged Particles. SIAM Journal on Mathematical Analysis, 2002, 34, 478-494.	1.9	28
130	On Asymmetric Quasiperiodic Solutions of Hartree–Fock Systems. Journal of Differential Equations, 2002, 178, 314-324.	2.2	0
131	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
132	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
133	Best constants for Gagliardo–Nirenberg inequalities and applications to nonlinear diffusions. Journal Des Mathematiques Pures Et Appliquees, 2002, 81, 847-875.	1.6	251
134	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
135	LARGE TIME ASYMPTOTICS OF NONLINEAR DRIFT-DIFFUSION SYSTEMS WITH POISSON COUPLING. Transport Theory and Statistical Physics, 2001, 30, 521-536.	0.4	17
136	On Singular Limits of Mean-Field Equations. Archive for Rational Mechanics and Analysis, 2001, 158, 319-351.	2.4	24
137	TIME-DEPENDENT RESCALINGS AND LYAPUNOV FUNCTIONALS FOR THE VLASOV–POISSON AND EULER–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
138	Time-dependent rescalings and Lyapunov functionals for some kinetic and fluid models. Transport Theory and Statistical Physics, 2000, 29, 537-549.	0.4	6
139	Classification of the Solutions of Semilinear Elliptic Problems in a Ball. Journal of Differential Equations, 2000, 167, 438-466.	2.2	27
140	On the Eigenvalues of Operators with Gaps. Application to Dirac Operators. Journal of Functional Analysis, 2000, 174, 208-226.	1.4	110
141	Relative entropies for the Vlasov–Poisson system in bounded domains. Comptes Rendus Mathematique, 2000, 330, 867-872.	0.5	13
142	Convexity estimates for nonlinear elliptic equations and application to free boundary problems. Comptes Rendus Mathematique, 2000, 331, 771-776.	0.5	1
143	Long Time Behavior of Solutions to Nernst-Planck and Debye-Hückel Drift-Diffusion Systems. Annales Henri Poincare, 2000, 1, 461-472.	1.7	115
144	Variational characterization for eigenvalues of Dirac operators. Calculus of Variations and Partial Differential Equations, 2000, 10, 321-347.	1.7	41

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145	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
146	Minimization Methods for the One-Particle Dirac Equation. Physical Review Letters, 2000, 85, 4020-4023.	7.8	46
147	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
148	On Maxwellian equilibria of insulated semiconductors. Interfaces and Free Boundaries, 2000, 2, 331-339.	0.8	19
149	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
150	On long time asymptotics of the vlasovâ€"poissonâ€"boltzmann equation. Communications in Partial Differential Equations, 1991, 16, 451-489.	2.2	55
151	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
152	Exponential Rate of Convergence to Equilibrium for a Model Describing Fiber Lay-Down Processes. Applied Mathematics Research EXpress, 0, , .	1.0	6
153	Stability Results for Logarithmic Sobolev and Gagliardoâ€"Nirenberg Inequalities. International Mathematics Research Notices, 0, , rnv131.	1.0	10
154	Large time behaviour of solutions to nonhomogeneous diffusion equations. , 0, , .		6
155	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