

# Juan Luis Vazquez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11168917/publications.pdf>

Version: 2024-02-01

126  
papers

4,984  
citations

94433

37  
h-index

118850

62  
g-index

130  
all docs

130  
docs citations

130  
times ranked

1318  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Hardy Inequality and the Asymptotic Behaviour of the Heat Equation with an Inverse-Square Potential. <i>Journal of Functional Analysis</i> , 2000, 173, 103-153.                         | 1.4 | 292       |
| 2  | A fractional porous medium equation. <i>Advances in Mathematics</i> , 2011, 226, 1378-1409.  | 1.1 | 161       |
| 3  | Asymptotic behaviour for the porous medium equation posed in the whole space. <i>Journal of Evolution Equations</i> , 2003, 3, 67-118.   | 1.1 | 151       |
| 4  | Nonlinear Porous Medium Flow with Fractional Potential Pressure. <i>Archive for Rational Mechanics and Analysis</i> , 2011, 202, 537-565.  | 2.4 | 149       |
| 5  | Blow-up solutions of some nonlinear elliptic problems. <i>Revista Matematica Complutense</i> , 1997, 10, 443.  | 1.2 | 144       |
| 6  | A General Fractional Porous Medium Equation. <i>Communications on Pure and Applied Mathematics</i> , 2012, 65, 1242-1284.  | 3.1 | 131       |
| 7  | Theory of Extended Solutions for Fast-Diffusion Equations in Optimal Classes of Data. Radiation from Singularities. <i>Archive for Rational Mechanics and Analysis</i> , 2002, 164, 133-187. | 2.4 | 116       |
| 8  | Travelling waves and finite propagation in a reaction-diffusion equation. <i>Journal of Differential Equations</i> , 1991, 93, 19-61.  | 2.2 | 115       |
| 9  | Existence, uniqueness and asymptotic behaviour for fractional porous medium equations on bounded domains. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 35, 5725-5767.            | 0.9 | 114       |
| 10 | Asymptotics of the Fast Diffusion Equation via Entropy Estimates. <i>Archive for Rational Mechanics and Analysis</i> , 2009, 191, 347-385.   | 2.4 | 97        |
| 11 | Nonlinear Diffusion with Fractional Laplacian Operators. <i>Abel Symposia</i> , 2012, , 271-298.   | 0.3 | 95        |
| 12 | Asymptotic Behaviour of Solutions of the Porous Medium Equation with Changing Sign. <i>SIAM Journal on Mathematical Analysis</i> , 1991, 22, 34-45.  | 1.9 | 93        |
| 13 | Asymptotic behaviour and source-type solutions for a diffusion-convection equation. <i>Archive for Rational Mechanics and Analysis</i> , 1993, 124, 43-65.                                   | 2.4 | 92        |
| 14 | The Hele-Shaw Asymptotics for Mechanical Models of Tumor Growth. <i>Archive for Rational Mechanics and Analysis</i> , 2014, 212, 93-127.   | 2.4 | 92        |
| 15 | Asymptotic Behaviour and Propagation Properties of the One-Dimensional Flow of Gas in a Porous Medium. <i>Transactions of the American Mathematical Society</i> , 1983, 277, 507.            | 0.9 | 91        |
| 16 | A well posed problem in singular Fickian diffusion. <i>Archive for Rational Mechanics and Analysis</i> , 1990, 110, 141-163.   | 2.4 | 79        |
| 17 | Quantitative local and global a priori estimates for fractional nonlinear diffusion equations. <i>Advances in Mathematics</i> , 2014, 250, 242-284.  | 1.1 | 76        |
| 18 | Mathematical model of the non equilibrium water oil displacement in porous strata. <i>Applicable Analysis</i> , 1997, 65, 19-45.   | 1.3 | 73        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimal existence and uniqueness theory for the fractional heat equation. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2017, 153, 142-168.           | 1.1 | 70        |
| 20 | On the propagation properties of a nonlinear degenerate parabolic equation. <i>Communications in Partial Differential Equations</i> , 1982, 7, 1381-1402.               | 2.2 | 65        |
| 21 | The Dirichlet Problem for the Porous Medium Equation in Bounded Domains. <i>Asymptotic Behavior. Monatshefte Fur Mathematik</i> , 2004, 142, 81-111.                    | 0.9 | 64        |
| 22 | A Priori Estimates for Fractional Nonlinear Degenerate Diffusion Equations on Bounded Domains. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 218, 317-362. | 2.4 | 64        |
| 23 | The diffusive limit for Carleman-type kinetic models. <i>Nonlinearity</i> , 2005, 18, 1223-1248.  | 1.4 | 62        |
| 24 | Positivity, local smoothing, and Harnack inequalities for very fast diffusion equations. <i>Advances in Mathematics</i> , 2010, 223, 529-578.                           | 1.1 | 56        |
| 25 | The Mathematical Theories of Diffusion: Nonlinear and Fractional Diffusion. <i>Lecture Notes in Mathematics</i> , 2017, , 205-278.                                      | 0.2 | 54        |
| 26 | Title is missing!. <i>Indiana University Mathematics Journal</i> , 1993, 42, 1413.  | 0.9 | 54        |
| 27 | Geometrical properties of the solutions of one-dimensional nonlinear parabolic equations. <i>Mathematische Annalen</i> , 1995, 303, 741-769.                            | 1.4 | 51        |
| 28 | The Dirichlet problem for the fractional p-Laplacian evolution equation. <i>Journal of Differential Equations</i> , 2016, 260, 6038-6056.                               | 2.2 | 51        |
| 29 | Large Time Behavior for a Simplified 1D Model of Fluid-Solid Interaction. <i>Communications in Partial Differential Equations</i> , 2003, 28, 1705-1738.                | 2.2 | 49        |
| 30 | Global positivity estimates and Harnack inequalities for the fast diffusion equation. <i>Journal of Functional Analysis</i> , 2006, 240, 399-428.                       | 1.4 | 47        |
| 31 | Heat equation with dynamical boundary conditions of reactive-diffusive type. <i>Journal of Differential Equations</i> , 2011, 250, 2143-2161.                           | 2.2 | 47        |
| 32 | Isolated singularities of some semilinear elliptic equations. <i>Journal of Differential Equations</i> , 1985, 60, 301-321.   | 2.2 | 44        |
| 33 | Viscosity solutions for quasilinear degenerate parabolic equations of porous medium type. <i>Indiana University Mathematics Journal</i> , 2005, 54, 817-860.            | 0.9 | 44        |
| 34 | The Balance Between Strong Reaction And Slow Diffusion. <i>Communications in Partial Differential Equations</i> , 1990, 15, 159-183.                                    | 2.2 | 41        |
| 35 | Regularity of solutions and interfaces of a generalized porous medium equation in $\mathbb{R}^N$ . <i>Annali Di Matematica Pura Ed Applicata</i> , 1991, 158, 51-74.    | 1.0 | 40        |
| 36 | Behaviour near extinction for the Fast Diffusion Equation on bounded domains. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2012, 97, 1-38.                    | 1.6 | 40        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Fast diffusion flow on manifolds of nonpositive curvature. <i>Journal of Evolution Equations</i> , 2008, 8, 99-128.   | 1.1 | 38        |
| 38 | Local smoothing effects, positivity, and Harnack inequalities for the fast p-Laplacian equation. <i>Advances in Mathematics</i> , 2010, 224, 2151-2215.                             | 1.1 | 38        |
| 39 | A mean field equation as limit of nonlinear diffusions with fractional Laplacian operators. <i>Calculus of Variations and Partial Differential Equations</i> , 2014, 49, 1091-1120. | 1.7 | 37        |
| 40 | Classical solutions and higher regularity for nonlinear fractional diffusion equations. <i>Journal of the European Mathematical Society</i> , 2017, 19, 1949-1975.                  | 1.4 | 37        |
| 41 | Heat Equation with Dynamical Boundary Conditions of Reactive Type. <i>Communications in Partial Differential Equations</i> , 2008, 33, 561-612.                                     | 2.2 | 36        |
| 42 | Special Fast Diffusion with Slow Asymptotics: Entropy Method and Flow on a Riemannian Manifold. <i>Archive for Rational Mechanics and Analysis</i> , 2010, 196, 631-680.            | 2.4 | 36        |
| 43 | Fundamental solution and long time behavior of the Porous Medium Equation in hyperbolic space. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2015, 104, 454-484.           | 1.6 | 35        |
| 44 | LACK OF COLLISION IN A SIMPLIFIED 1D MODEL FOR FLUID-SOLID INTERACTION. <i>Mathematical Models and Methods in Applied Sciences</i> , 2006, 16, 637-678.                             | 3.3 | 34        |
| 45 | Sharp global estimates for local and nonlocal porous medium-type equations in bounded domains. <i>Analysis and PDE</i> , 2018, 11, 945-982.   | 1.4 | 34        |
| 46 | Asymptotic behaviour of a generalized Burgers' equation. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 1999, 78, 633-666.  | 1.6 | 32        |
| 47 | Domain of existence and blowup for the exponential reaction-diffusion equation. <i>Indiana University Mathematics Journal</i> , 1999, 48, 0-0.                                      | 0.9 | 32        |
| 48 | Symmetrization and Mass Comparison for Degenerate Nonlinear Parabolic and Related Elliptic Equations. <i>Advanced Nonlinear Studies</i> , 2005, 5, 87-131.                          | 1.7 | 32        |
| 49 | The Fisher-KPP Equation with Nonlinear Fractional Diffusion. <i>SIAM Journal on Mathematical Analysis</i> , 2014, 46, 3241-3276.  | 1.9 | 32        |
| 50 | Monotone perturbations of the laplacian in $L^1(\mathbb{R}^N)$ . <i>Israel Journal of Mathematics</i> , 1982, 43, 255-272.  | 0.8 | 30        |
| 51 | Singularities of elliptic equations with an exponential nonlinearity. <i>Mathematische Annalen</i> , 1984, 269, 119-135.  | 1.4 | 30        |
| 52 | Extinction behaviour for fast diffusion equations with absorption. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2001, 43, 943-985.                               | 1.1 | 30        |
| 53 | Failure of the Strong Maximum Principle in Nonlinear Diffusion. Existence of Needles. <i>Communications in Partial Differential Equations</i> , 2005, 30, 1263-1303.                | 2.2 | 30        |
| 54 | Symmetrization for linear and nonlinear fractional parabolic equations of porous medium type. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2014, 101, 553-582.            | 1.6 | 30        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Fractional nonlinear degenerate diffusion equations on bounded domains part I. Existence, uniqueness and upper bounds. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2016, 131, 363-398. | 1.1 | 30        |
| 56 | Long time behavior for the inhomogeneous PME in a medium with rapidly decaying density. <i>Discrete and Continuous Dynamical Systems</i> , 2010, 26, 521-549.  | 0.9 | 30        |
| 57 | Finite and infinite speed of propagation for porous medium equations with nonlocal pressure. <i>Journal of Differential Equations</i> , 2016, 260, 1154-1199.  | 2.2 | 29        |
| 58 | The Fisher-KPP problem with doubly nonlinear diffusion. <i>Journal of Differential Equations</i> , 2017, 263, 7647-7708.   | 2.2 | 28        |
| 59 | The propagation of turbulent bursts. <i>European Journal of Applied Mathematics</i> , 1992, 3, 263-272.  | 2.9 | 27        |
| 60 | Radial equivalence for the two basic nonlinear degenerate diffusion equations. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2008, 89, 1-24.  | 1.6 | 27        |
| 61 | Classification of radial solutions to the Emden-Fowler equation on the hyperbolic space. <i>Calculus of Variations and Partial Differential Equations</i> , 2013, 46, 375-401.                             | 1.7 | 27        |
| 62 | Asymptotic behaviour for the porous medium equation posed in the whole space. , 2003, , 67-118.  |     | 26        |
| 63 | The porous medium equation on Riemannian manifolds with negative curvature. The large-time behaviour. <i>Advances in Mathematics</i> , 2017, 314, 328-377.   | 1.1 | 25        |
| 64 | Characterisation of homogeneous fractional Sobolev spaces. <i>Calculus of Variations and Partial Differential Equations</i> , 2021, 60, 1.   | 1.7 | 25        |
| 65 | Sharp boundary behaviour of solutions to semilinear nonlocal elliptic equations. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 1.   | 1.7 | 24        |
| 66 | Asymptotic behaviour of the doubly nonlinear diffusion equation on bounded domains. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2013, 77, 1-32.  | 1.1 | 23        |
| 67 | Optimal estimates for fractional fast diffusion equations. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2015, 103, 535-556.  | 1.6 | 23        |
| 68 | Rate of Convergence to Barenblatt Profiles for the Fast Diffusion Equation. <i>Archive for Rational Mechanics and Analysis</i> , 2012, 204, 599-625.   | 2.4 | 21        |
| 69 | Self-similar solutions of the second kind for the modified porous medium equation. <i>European Journal of Applied Mathematics</i> , 1994, 5, 391-403.  | 2.9 | 20        |
| 70 | Finite and infinite speed of propagation for porous medium equations with fractional pressure. <i>Comptes Rendus Mathematique</i> , 2014, 352, 123-128.  | 0.3 | 20        |
| 71 | The Fisher-KPP problem with doubly nonlinear fast-diffusion. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2017, 157, 212-248.   | 1.1 | 20        |
| 72 | Non-uniqueness of solutions of nonlinear heat equations of fast diffusion type. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 1995, 12, 173-200.                                  | 1.4 | 19        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Thermal waves in absorbing media. Journal of Differential Equations, 1988, 74, 218-233.  | 2.2 | 17        |
| 74 | Localized Non-diffusive Asymptotic Patterns for Nonlinear Parabolic Equations with Gradient Absorption. Journal of Dynamics and Differential Equations, 2007, 19, 985-1005.            | 1.9 | 17        |
| 75 | On the Laplace equation with dynamical boundary conditions of reactiveâ€“diffusive type. Journal of Mathematical Analysis and Applications, 2009, 354, 674-688.                        | 1.0 | 17        |
| 76 | Transformations of self-similar solutions for porous medium equations of fractional type. Nonlinear Analysis: Theory, Methods & Applications, 2015, 119, 62-73.                        | 1.1 | 17        |
| 77 | The fractional p-Laplacian evolution equation in $\mathbb{R}^N$ in the sublinear case. Calculus of Variations and Partial Differential Equations, 2021, 60, 1.                         | 1.7 | 16        |
| 78 | Anisotropic $\phi$ -Laplacian Evolution of Fast Diffusion Type. Advanced Nonlinear Studies, 2021, 21, 523-555.   | 1.7 | 16        |
| 79 | Heat Equation with Dynamical Boundary Conditions of Locally Reactive Type. Semigroup Forum, 2007, 74, 1-40.  | 0.6 | 15        |
| 80 | Functional aspects of the Hardy inequality: appearance of a hidden energy. Journal of Evolution Equations, 2012, 12, 713-739.  | 1.1 | 15        |
| 81 | Classical solutions for a logarithmic fractional diffusion equation. Journal Des Mathematiques Pures Et Appliquees, 2014, 101, 901-924.  | 1.6 | 15        |
| 82 | Existence of Weak Solutions for a General Porous Medium Equation with Nonlocal Pressure. Archive for Rational Mechanics and Analysis, 2019, 233, 451-496.                              | 2.4 | 15        |
| 83 | Degenerate homogeneous parabolic equations associated with the infinity-Laplacian. Calculus of Variations and Partial Differential Equations, 2013, 46, 705-724.                       | 1.7 | 13        |
| 84 | Some free boundary problems involving non-local diffusion and aggregation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140275. | 3.4 | 13        |
| 85 | Asymptotic behaviour for the fractional heat equation in the Euclidean space. Complex Variables and Elliptic Equations, 2018, 63, 1216-1231.   | 0.8 | 13        |
| 86 | COMPLETE BLOW-UP AND THERMAL AVALANCHE FOR HEAT EQUATIONS WITH NONLINEAR BOUNDARY CONDITIONS. Communications in Partial Differential Equations, 2002, 27, 395-424.                     | 2.2 | 12        |
| 87 | Thermal avalanche for blowup solutions of semilinear heat equations. Communications on Pure and Applied Mathematics, 2004, 57, 59-98.  | 3.1 | 12        |
| 88 | Highly time-oscillating solutions for very fast diffusion equations. Journal of Evolution Equations, 2011, 11, 725-742.  | 1.1 | 12        |
| 89 | Multiple blow-up for a porous medium equation with reaction. Mathematische Annalen, 2011, 350, 801-827.  | 1.4 | 12        |
| 90 | Symmetrization for fractional elliptic and parabolic equations and an isoperimetric application. Chinese Annals of Mathematics Series B, 2017, 38, 661-686.                            | 0.4 | 12        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Flatness implies smoothness for solutions of the porous medium equation. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 1.                             | 1.7 | 12        |
| 92  | Three Representations of the Fractional $p$ -Laplacian: Semigroup, Extension and Balakrishnan Formulas. <i>Fractional Calculus and Applied Analysis</i> , 2021, 24, 966-1002.        | 2.2 | 12        |
| 93  | The fractional Schrödinger equation with singular potential and measure data. <i>Discrete and Continuous Dynamical Systems</i> , 2019, 39, 7113-7139.                                | 0.9 | 12        |
| 94  | The one-phase fractional Stefan problem. <i>Mathematical Models and Methods in Applied Sciences</i> , 2021, 31, 83-131.  | 3.3 | 12        |
| 95  | The Evolution of Singularities in Fast Diffusion Equations: Infinite-Time Blow-Down. <i>SIAM Journal on Mathematical Analysis</i> , 2011, 43, 1499-1535.                             | 1.9 | 11        |
| 96  | An overdetermined initial and boundary-value problem for a reaction-diffusion equation. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 1992, 19, 259-269.           | 1.1 | 10        |
| 97  | Porous medium equation with nonlocal pressure in a bounded domain. <i>Communications in Partial Differential Equations</i> , 2018, 43, 1502-1539.                                    | 2.2 | 10        |
| 98  | On a fractional thin film equation. <i>Advances in Nonlinear Analysis</i> , 2020, 9, 1516-1558.  | 2.6 | 10        |
| 99  | Finite-time blow-down in the evolution of point masses by planar logarithmic diffusion. <i>Discrete and Continuous Dynamical Systems</i> , 2007, 19, 1-35.                           | 0.9 | 10        |
| 100 | WAVE EQUATION WITH SECOND-ORDER NON-STANDARD DYNAMICAL BOUNDARY CONDITIONS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2008, 18, 2019-2054.                        | 3.3 | 9         |
| 101 | Measure-valued solutions and the phenomenon of blow-down in logarithmic diffusion. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 352, 515-547.                    | 1.0 | 9         |
| 102 | The porous medium equation on Riemannian manifolds with negative curvature: the superquadratic case. <i>Mathematische Annalen</i> , 2019, 373, 119-153.                              | 1.4 | 9         |
| 103 | On the Two-phase Fractional Stefan Problem. <i>Advanced Nonlinear Studies</i> , 2020, 20, 437-458.   | 1.7 | 9         |
| 104 | POROUS MEDIUM FLOW IN A TUBE: TRAVELING WAVES AND KPP BEHAVIOR. <i>Communications in Contemporary Mathematics</i> , 2007, 09, 731-751.   | 1.2 | 8         |
| 105 | A Porous Medium Equation Involving the Infinity-Laplacian. Viscosity Solutions and Asymptotic Behavior. <i>Communications in Partial Differential Equations</i> , 2012, 37, 753-793. | 2.2 | 8         |
| 106 | Blow-up phenomena in nonlocal eigenvalue problems: When theories of $L^1$ and $L^2$ meet. <i>Journal of Functional Analysis</i> , 2021, 280, 108845.                                 | 1.4 | 8         |
| 107 | Isolated Singularities of the Schrodinger Equation with a Good Potential. <i>Transactions of the American Mathematical Society</i> , 1989, 315, 711.                                 | 0.9 | 7         |
| 108 | Multiple blowup for nonlinear heat equations at different places and different times. <i>Indiana University Mathematics Journal</i> , 2007, 56, 2859-2886.                           | 0.9 | 7         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Asymptotic analysis of the p-Laplacian flow in an exterior domain. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2009, 26, 497-520.                                   | 1.4 | 7         |
| 110 | Non-existence and instantaneous extinction of solutions for singular nonlinear fractional diffusion equations. Calculus of Variations and Partial Differential Equations, 2016, 55, 1. | 1.7 | 7         |
| 111 | Quantitative Local Bounds for Subcritical Semilinear Elliptic Equations. Milan Journal of Mathematics, 2012, 80, 65-118.   | 1.1 | 6         |
| 112 | Behaviour of the velocity of one-dimensional flows in porous media. Transactions of the American Mathematical Society, 1984, 286, 787-802.   | 0.9 | 6         |
| 113 | Schrödinger equations with unique positive isolated singularities. Manuscripta Mathematica, 1990, 67, 143-163.   | 0.6 | 5         |
| 114 | Asymptotic convergence to dipole solutions in nonlinear parabolic equations. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1995, 125, 877-900.                 | 1.2 | 5         |
| 115 | Maximal viscosity solutions of the modified porous medium equation and their asymptotic behaviour. European Journal of Applied Mathematics, 1996, 7, 453-471.                          | 2.9 | 5         |
| 116 | Nonlocal and Nonlinear Diffusions and Interactions: New Methods and Directions. Lecture Notes in Mathematics, 2017, , .  | 0.2 | 5         |
| 117 | Growing solutions of the fractional p-Laplacian equation in the Fast Diffusion range. Nonlinear Analysis: Theory, Methods & Applications, 2022, 214, 112575.                           | 1.1 | 5         |
| 118 | The Nonlinearly Damped Oscillator. ESAIM - Control, Optimisation and Calculus of Variations, 2003, 9, 231-246.   | 1.3 | 4         |
| 119 | The mesa problem for the fractional porous medium equation. Interfaces and Free Boundaries, 2015, 17, 263-288.   | 0.8 | 4         |
| 120 | Existence of maximal solutions for some very singular nonlinear fractional diffusion equations in 1D. Journal of Evolution Equations, 2016, 16, 723-758.                               | 1.1 | 4         |
| 121 | Porous Medium Equation with Nonlocal Pressure. Springer Optimization and Its Applications, 2018, , 277-308.  | 0.9 | 4         |
| 122 | Travelling wave behaviour arising in nonlinear diffusion problems posed in tubular domains. Journal of Differential Equations, 2020, 269, 2664-2696.                                   | 2.2 | 4         |
| 123 | Reverse Smoothing Effects, Fine Asymptotics, and Harnack Inequalities for Fast Diffusion Equations. Boundary Value Problems, 2007, 2007, 1-31.   | 0.7 | 3         |
| 124 | Infinite-time concentration in aggregationâ€“diffusion equations with a given potential. Journal Des Mathematiques Pures Et Appliquees, 2022, 157, 346-398.                            | 1.6 | 3         |
| 125 | Maximal Solutions of Singular Diffusion Equations with General Initial Data. , 1992, , 471-484.  |     | 2         |
| 126 | The Dirichlet Problem for the Porous Medium Equation in Bounded Domains. Asymptotic Behavior. , 2004, , 81-111.  |     | 1         |