

Giuseppe Coclite

List of Publications by Year in descending order

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126
papers

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128
all docs

128
docs citations

128
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative Aspects in Nonlocal Dynamics. Journal of Peridynamics and Nonlocal Modeling, 2023, 5, 1-19.	1.4	5
2	On the classical solutions for a Rosenau-Korteweg-deVries-Kawahara type equation. Asymptotic Analysis, 2022, 129, 51-73.	0.2	3
3	On the solutions for a Benney-Lin type equation. Discrete and Continuous Dynamical Systems - Series B, 2022, .	0.5	1
4	Existence results for the Kudryashov-Sinelshchikov-Olver equation. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 425-450.	0.8	9
5	Well-posedness of the classical solutions for a Kawahara-Korteweg-de Vries-type equation. Journal of Evolution Equations, 2021, 21, 625-651.	0.6	9
6	H1-Solutions for the Hele-Shaw Equation. Vietnam Journal of Mathematics, 2021, 49, 673-683.	0.4	1
7	Regularity and energy transfer for a nonlinear beam equation. Applied Mathematics Letters, 2021, 115, 106959.	1.5	2
8	Long time behavior of a model for the evolution of morphogens in a growing tissue II: \hat{I} . Journal of Differential Equations, 2021, 272, 1015-1049.	1.1	5
9	H4-Solutions for the Olver-Benney equation. Annali Di Matematica Pura Ed Applicata, 2021, 200, 1893-1933.	0.5	3
10	Singular diffusion with Neumann boundary conditions. Nonlinearity, 2021, 34, 1633-1662.	0.6	0
11	On classical solutions for the fifth-order short pulse equation. Mathematical Methods in the Applied Sciences, 2021, 44, 8814-8837.	1.2	4
12	Well-posedness of the classical solution for the Kuramoto-Sivashinsky equation with anisotropy effects. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	0.7	7
13	Singularity Formation in the Inviscid Burgers Equation. Symmetry, 2021, 13, 848.	1.1	0
14	Well-posedness result for the Kuramoto-Velarde equation. Bolletino Dell Unione Matematica Italiana, 2021, 14, 659-679.	0.6	6
15	Singular limits with vanishing viscosity for nonlocal conservation laws. Nonlinear Analysis: Theory, Methods & Applications, 2021, 211, 112370.	0.6	8
16	An hyperbolic-parabolic predator-prey model involving a vole population structured in age. Journal of Mathematical Analysis and Applications, 2021, 502, 125232.	0.5	1
17	On the initial-boundary value problem for a Kuramoto-Sinelshchikov type equation. Mathematics in Engineering, 2021, 3, 1-43.	0.5	9
18	Waves in Flexural Beams with Nonlinear Adhesive Interaction. Milan Journal of Mathematics, 2021, 89, 329-344.	0.7	3

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19	Smoothing Effect of Degenerate Diffusion. <i>Acta Applicandae Mathematicae</i> , 2021, 171, 1.	0.5	0
20	The Gardner Equation in Elastodynamics. <i>SIAM Journal on Applied Mathematics</i> , 2021, 81, 2346-2361.	0.8	3
21	Numerical methods for the nonlocal wave equation of the peridynamics. <i>Applied Numerical Mathematics</i> , 2020, 155, 119-139.	1.2	29
22	A non-local elliptic-hyperbolic system related to the short pulse equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 190, 111606.	0.6	8
23	Measure valued solutions for an optimal harvesting problem. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2020, 142, 204-228.	0.8	3
24	Capsules Rheology in Carreau-Yasuda Fluids. <i>Nanomaterials</i> , 2020, 10, 2190.	1.9	6
25	On the Well-Posedness of A High Order Convective Cahn-Hilliard Type Equations. <i>Algorithms</i> , 2020, 13, 170.	1.2	11
26	A Note on the Solutions for a Higher-Order Convective Cahn-Hilliard-Type Equation. <i>Mathematics</i> , 2020, 8, 1835.	1.1	8
27	A PDE model for the spatial dynamics of a voles population structured in age. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 196, 111805.	0.6	3
28	Up-wind difference approximation and singularity formation for a slow erosion model. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2020, 54, 465-492.	0.8	2
29	Long time behavior of a model for the evolution of morphogens in a growing tissue. <i>SN Partial Differential Equations and Applications</i> , 2020, 1, 1.	0.3	5
30	Singularity Formation in Fractional Burgers™ Equations. <i>Journal of Nonlinear Science</i> , 2020, 30, 1285-1305.	1.0	16
31	On Classical Solutions for A Kuramoto-Sinelshchikov-Velarde-Type Equation. <i>Algorithms</i> , 2020, 13, 77.	1.2	12
32	On the solutions for an Ostrovsky type equation. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 55, 103141.	0.9	18
33	Vanishing Viscosity for Traffic on Networks with Degenerate Diffusivity. <i>Mediterranean Journal of Mathematics</i> , 2019, 16, 1.	0.4	3
34	Well-posedness of the Initial Value Problem for the Ostrovsky-Hunter Equation with Spatially Dependent Flux. <i>Milan Journal of Mathematics</i> , 2019, 87, 283-301.	0.7	0
35	A difference method for the McKean-Vlasov equation. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2019, 70, 1.	0.7	4
36	Adhesion and debonding in a model of elastic string. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1897-1909.	1.4	9

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55	A mathematical model for piracy control through police response. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.	0.4	7
56	A singular limit problem for conservation laws related to the Rosenau-Korteweg-de Vries equation. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2017, 107, 315-335.	0.8	10
57	A convergent finite difference scheme for the Ostrovsky-Hunter equation on a bounded domain. <i>BIT Numerical Mathematics</i> , 2017, 57, 93-122.	1.0	15
58	A note on the convergence of the solution of the high order Camassa-Holm equation to the entropy ones of a scalar conservation law. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 1247-1282.	0.5	6
59	Well-posedness for vanishing viscosity solutions of scalar conservation laws on a network. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 5913-5942.	0.5	17
60	Convergence of the Kuramoto-Sinelshchikov Equation to the Burgers One. <i>Acta Applicandae Mathematicae</i> , 2016, 145, 89-113.	0.5	14
61	Well-posedness of the Ostrovsky-Hunter Equation under the combined effects of dissipation and short-wave dispersion. <i>Journal of Evolution Equations</i> , 2016, 16, 365-389.	0.6	17
62	A singular limit problem for conservation laws related to the Kawahara equation. <i>Bulletin Des Sciences Mathematiques</i> , 2016, 140, 303-338.	0.5	11
63	A Singular Limit Problem for the Rosenau-Korteweg-de Vries-Regularized Long Wave and Rosenau-regularized Long Wave Equations. <i>Advanced Nonlinear Studies</i> , 2016, 16, 421-437.	0.7	11
64	On a Model for the Evolution of Morphogens in a Growing Tissue. <i>SIAM Journal on Mathematical Analysis</i> , 2016, 48, 1575-1615.	0.9	12
65	On the well-posedness of the exp-Rabelo equation. <i>Annali Di Matematica Pura Ed Applicata</i> , 2016, 195, 923-933.	0.5	7
66	CONVERGENCE OF THE SOLUTIONS ON THE GENERALIZED KORTEWEG-DE VRIES EQUATION. <i>Mathematical Modelling and Analysis</i> , 2016, 21, 239-259.	0.7	13
67	A Convergent Difference Scheme for a Class of Partial Integro-Differential Equations Modeling Pricing under Uncertainty. <i>SIAM Journal on Numerical Analysis</i> , 2016, 54, 588-605.	1.1	4
68	Convergence results related to the modified Kawahara equation. <i>Bolletino Dell Unione Matematica Italiana</i> , 2016, 8, 265-286.	0.6	11
69	A singular limit problem for conservation laws related to the Kawahara-Korteweg-de Vries equation. <i>Networks and Heterogeneous Media</i> , 2016, 11, 281-300.	0.5	11
70	A singular limit problem for the Ibragimov-Shabat equation. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2016, 9, 661-673.	0.6	1
71	Periodic solutions of the Degasperis-Procesi equation: Well-posedness and asymptotics. <i>Journal of Functional Analysis</i> , 2015, 268, 1053-1077.	0.7	23
72	A note on the Camassa-Holm equation. <i>Journal of Differential Equations</i> , 2015, 259, 2158-2166.	1.1	9

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73	Well-posedness results for the short pulse equation. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015, 66, 1529-1557.	0.7	30
74	Wellposedness of bounded solutions of the non-homogeneous initial boundary for the short pulse equation. <i>Bolletino Dell Unione Matematica Italiana</i> , 2015, 8, 31-44.	0.6	13
75	Dispersive and diffusive limits for Ostrovskyâ€“Hunter type equations. <i>Nonlinear Differential Equations and Applications</i> , 2015, 22, 1733-1763.	0.4	30
76	Well-posedness of bounded solutions of the non-homogeneous initial-boundary value problem for the Ostrovskyâ€“Hunter equation. <i>Journal of Hyperbolic Differential Equations</i> , 2015, 12, 221-248.	0.3	16
77	Oleinik type estimates for the Ostrovskyâ€“Hunter equation. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 423, 162-190.	0.5	22
78	A note on the convergence of the solutions of the Camassa-Holm equation to the entropy ones of a scalar conservation law. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 36, 2981-2990.	0.5	15
79	Continuous dependence in hyperbolic problems with Wentzell boundary conditions. <i>Communications on Pure and Applied Analysis</i> , 2014, 13, 419-433.	0.4	18
80	Analysis and numerical approximation of Brinkman regularization of two-phase flows in porous media. <i>Computational Geosciences</i> , 2014, 18, 637-659.	1.2	16
81	Convergence of the Ostrovsky equation to the Ostrovskyâ€“Hunter one. <i>Journal of Differential Equations</i> , 2014, 256, 3245-3277.	1.1	40
82	Existence of Global Weak Solutions to a Generalized Hyperelastic-Rod Wave Equation with Source. <i>Springer INdAM Series</i> , 2014, , 23-47.	0.4	0
83	A Multidimensional Optimal-Harvesting Problem with Measure-Valued Solutions. <i>SIAM Journal on Control and Optimization</i> , 2013, 51, 1186-1202.	1.1	16
84	Stability estimates for nonlinear hyperbolic problems with nonlinear Wentzell boundary conditions. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2013, 64, 733-753.	0.7	13
85	Vanishing viscosity for mixed systems with moving boundaries. <i>Journal of Functional Analysis</i> , 2013, 264, 1664-1710.	0.7	7
86	Convergence of vanishing capillarity approximations for scalar conservation laws with discontinuous fluxes. <i>Networks and Heterogeneous Media</i> , 2013, 8, 969-984.	0.5	21
87	On a Dirichlet problem in bounded domains with singular nonlinearity. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 33, 4923-4944.	0.5	12
88	Hamiltonian Approximation of Entropy Solutions of the Burgers Equation. <i>Series in Contemporary Applied Mathematics</i> , 2012, , 160-171.	0.8	0
89	A note on positive solutions for conservation laws with singular source. <i>Proceedings of the American Mathematical Society</i> , 2012, 141, 1613-1625.	0.4	0
90	Analytic Solutions and Singularity Formation for the Peakon b-Family Equations. <i>Acta Applicandae Mathematicae</i> , 2012, 122, 419.	0.5	15

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91	Conservation laws with singular nonlocal sources. Journal of Differential Equations, 2011, 250, 3831-3858.	1.1	9
92	Convergence of an Engquist-Osher scheme for a multi-dimensional triangular system of conservation laws. Mathematics of Computation, 2010, 79, 71-71.	1.1	16
93	Stationary solutions for conservation laws with singular nonlocal sources. Journal of Differential Equations, 2010, 248, 229-251.	1.1	3
94	Vanishing Viscosity for Traffic on Networks. SIAM Journal on Mathematical Analysis, 2010, 42, 1761-1783.	0.9	26
95	Ground states of the Schrödinger-Maxwell system with dirac mass: Existence and asymptotics. Discrete and Continuous Dynamical Systems, 2010, 27, 117-132.	0.5	1
96	Well-posedness of higher-order Camassa-Holm equations. Journal of Differential Equations, 2009, 246, 929-963.	1.1	42
97	Stability of parabolic problems with nonlinear Wentzell boundary conditions. Journal of Differential Equations, 2009, 246, 2434-2447.	1.1	28
98	Initial-boundary value problems for conservation laws with source terms and the Degasperis-Procesi equation. Journal of Functional Analysis, 2009, 257, 3823-3857.	0.7	27
99	Continuous dependence on the boundary conditions for the Wentzell Laplacian. Semigroup Forum, 2008, 77, 101-108.	0.3	25
100	Stability estimates for parabolic problems with Wentzell boundary conditions. Journal of Differential Equations, 2008, 245, 2595-2626.	1.1	19
101	A Convergent Finite Difference Scheme for the Camassa-Holm Equation with General H^1 Initial Data. SIAM Journal on Numerical Analysis, 2008, 46, 1554-1579.	1.1	39
102	Global Weak Solutions for a Shallow Water Equation. , 2008, , 389-396.		2
103	Positive solutions of an integro-differential equation in all space with singular nonlinear term. Discrete and Continuous Dynamical Systems, 2008, 22, 885-907.	0.5	2
104	Numerical schemes for computing discontinuous solutions of the Degasperis-Procesi equation. IMA Journal of Numerical Analysis, 2007, 28, 80-105.	1.5	39
105	VISCOSITY SOLUTIONS OF HAMILTON-JACOBI EQUATIONS WITH DISCONTINUOUS COEFFICIENTS. Journal of Hyperbolic Differential Equations, 2007, 04, 771-795.	0.3	18
106	The Schrödinger-Maxwell system with Dirac mass. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2007, 24, 773-793.	0.7	7
107	On the uniqueness of discontinuous solutions to the Degasperis-Procesi equation. Journal of Differential Equations, 2007, 234, 142-160.	1.1	45
108	Discontinuous solutions for the Degasperis-Procesi equation. , 2007, , .		1

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109	A Singular Limit Problem for Conservation Laws Related to the Camassa-Holm Shallow Water Equation. Communications in Partial Differential Equations, 2006, 31, 1253-1272.	1.0	37
110	On the well-posedness of the Degasperis-Procesi equation. Journal of Functional Analysis, 2006, 233, 60-91.	0.7	184
111	H1-perturbations of Smooth Solutions for a Weakly Dissipative Hyperelastic-rod Wave Equation. Mediterranean Journal of Mathematics, 2006, 3, 419-432.	0.4	6
112	A SEMIGROUP OF SOLUTIONS FOR THE DEGASPERIS-PROCESI EQUATION. , 2006, , .		0
113	On the boundary controllability of first-order hyperbolic systems. Nonlinear Analysis: Theory, Methods & Applications, 2005, 63, e1955-e1966.	0.6	7
114	Stability of solutions of quasilinear parabolic equations. Journal of Mathematical Analysis and Applications, 2005, 308, 221-239.	0.5	15
115	Traffic Flow on a Road Network. SIAM Journal on Mathematical Analysis, 2005, 36, 1862-1886.	0.9	285
116	Conservation Laws with Time Dependent Discontinuous Coefficients. SIAM Journal on Mathematical Analysis, 2005, 36, 1293-1309.	0.9	36
117	Global Weak Solutions to a Generalized Hyperelastic-rod Wave Equation. SIAM Journal on Mathematical Analysis, 2005, 37, 1044-1069.	0.9	131
118	On the Attainable Set for Temple Class Systems with Boundary Controls. SIAM Journal on Control and Optimization, 2005, 43, 2166-2190.	1.1	34
119	Wellposedness for a parabolic-elliptic system. Discrete and Continuous Dynamical Systems, 2005, 13, 659-682.	0.5	95
120	An interior estimate for a nonlinear parabolic equation. Journal of Mathematical Analysis and Applications, 2003, 284, 49-63.	0.5	1
121	Some Results on the Boundary Control of Systems of Conservation Laws. , 2003, , 255-264.		7
122	On the Boundary Control of Systems of Conservation Laws. SIAM Journal on Control and Optimization, 2002, 41, 607-622.	1.1	51
123	A multiplicity result for the Schrodinger-Maxwell equations with negative potential. Annales Polonici Mathematici, 2002, 79, 21-30.	0.2	21
124	H^1 solutions for a Kuramoto-Sinelshchikov-Cahn-Hilliard type equation. Ricerche Di Matematica, 0, , 1.	0.6	3
125	Convergence of the Rosenau-Korteweg-de Vries Equation to the Korteweg-de Vries One. Contemporary Mathematics, 0, , .	0.4	5
126	The initial-boundary-value problem for an Ostrovsky-Hunter type equation. , 0, , 97-109.		3