Giuseppe Coclite

List of Publications by Year
in descending order

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126	2,153	331538	289141
papers	citations	21	40
		h-index	g-index

128	128	128	633
all docs	docs citations	times ranked	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 Rosenauâ€“Korteweg-deVriesâ€“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 Kudryashovâ€“Sinelshchikovâ€“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 Kawaharaâ€“Kortewegâ€“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: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>Î¸</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after"><</mml:mo><mml:mi mathvariant="normal">log</mml:mi><mml:mo>â¡</mml:mo><mml:mn>2</mml:mn></mml:math>. Journal of Differential Equations, 2021, 272, 1015-1049.	1.1	5
9	H4-Solutions for the Olverâ€“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 fifthâ€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 Kuramtoâ€“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 Kuramotoâ€“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. Acta Applicandae Mathematicae, 2021, 171, 1.	0.5	0
20	The Gardner Equation in Elastodynamics. SIAM Journal on Applied Mathematics, 2021, 81, 2346-2361.	0.8	3
21	Numerical methods for the nonlocal wave equation of the peridynamics. Applied Numerical Mathematics, 2020, 155, 119-139.	1.2	29
22	A non-local ellipticâ€“hyperbolic system related to the short pulse equation. Nonlinear Analysis: Theory, Methods & Applications, 2020, 190, 111606.	0.6	8
23	Measure valued solutions for an optimal harvesting problem. Journal Des Mathematiques Pures Et Appliquees, 2020, 142, 204-228.	0.8	3
24	Capsules Rheology in Carreauâ€“Yasuda Fluids. Nanomaterials, 2020, 10, 2190.	1.9	6
25	On the Well-Posedness of A High Order Convective Cahn-Hilliard Type Equations. Algorithms, 2020, 13, 170.	1.2	11
26	A Note on the Solutions for a Higher-Order Convective Cahnâ€“Hilliard-Type Equation. Mathematics, 2020, 8, 1835.	1.1	8
27	A PDE model for the spatial dynamics of a voles population structured in age. Nonlinear Analysis: Theory, Methods & Applications, 2020, 196, 111805.	0.6	3
28	Up-wind difference approximation and singularity formation for a slow erosion model. ESAIM: Mathematical Modelling and Numerical Analysis, 2020, 54, 465-492.	0.8	2
29	Long time behavior of a model for the evolution of morphogens in a growing tissue. SN Partial Differential Equations and Applications, 2020, 1, 1.	0.3	5
30	Singularity Formation in Fractional Burgersâ€™ Equations. Journal of Nonlinear Science, 2020, 30, 1285-1305.	1.0	16
31	On Classical Solutions for A Kuramotoâ€“Sinelshchikovâ€“Velarde-Type Equation. Algorithms, 2020, 13, 77.	1.2	12
32	On the solutions for an Ostrovsky type equation. Nonlinear Analysis: Real World Applications, 2020, 55, 103141.	0.9	18
33	Vanishing Viscosity for Traffic on Networks with Degenerate Diffusivity. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.4	3
34	Well-posedness of the Initial Value Problem for the Ostrovskyâ€“Hunter Equation with Spatially Dependent Flux. Milan Journal of Mathematics, 2019, 87, 283-301.	0.7	0
35	A difference method for the McKeanâ€“Vlasov equation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2019, 70, 1.	0.7	4
36	Adhesion and debonding in a model of elastic string. Computers and Mathematics With Applications, 2019, 78, 1897-1909.	1.4	9

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37	Well-Posedness Results for the Continuum Spectrum Pulse Equation. Mathematics, 2019, 7, 1006.	1.1	12
38	Wellposedness of a nonlinear peridynamic model. Nonlinearity, 2019, 32, 1-21.	0.6	22
39	Discontinuous solutions for the generalized short pulse equation. Evolution Equations and Control Theory, 2019, 8, 737-753.	0.7	10
40	Discontinuous solutions for the short-pulse master mode-locking equation. AIMS Mathematics, 2019, 4, 437-462.	0.7	7
41	A note on convergence of the solutions of Benjaminâ€“Bonaâ€“Mahony type equations. Nonlinear Analysis: Real World Applications, 2018, 40, 64-81.	0.9	1
42	Convergence of the regularized short pulse equation to the short pulse one. Mathematische Nachrichten, 2018, 291, 774-792.	0.4	11
43	Well-posedness and Dispersive/Diffusive Limit of a Generalized Ostrovskyâ€“Hunter Equation. Milan Journal of Mathematics, 2018, 86, 31-51.	0.7	15
44	On a salt fingers model. Nonlinear Analysis: Theory, Methods & Applications, 2018, 176, 100-116.	0.6	11
45	Optimal strategies for a time-dependent harvesting problem. Discrete and Continuous Dynamical Systems - Series S, 2018, 11, 865-900.	0.6	2
46	A note on the non-homogeneous initial boundary problem for an Ostrovsky-Hunter type equation. Discrete and Continuous Dynamical Systems - Series S, 2018, .	0.6	2
47	On the convergence of the modified Rosenau and the modified Benjaminâ€“Bonaâ€“Mahony equations. Computers and Mathematics With Applications, 2017, 74, 899-919.	1.4	8
48	Nonlinear Waves in Adhesive Strings. SIAM Journal on Applied Mathematics, 2017, 77, 347-360.	0.8	11
49	A Time-Dependent Optimal Harvesting Problem with Measure-Valued Solutions. SIAM Journal on Control and Optimization, 2017, 55, 913-935.	1.1	22
50	On a model for the evolution of morphogens in growing tissue III: <ml:math xmlns:ml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><ml:mi>Î¸</ml:mi><ml:mo><</ml:mo><ml:mi mathvariant="normal">log</ml:mi><ml:mo>â¡</ml:mo><ml:mo stretchy="false">(</ml:mo><ml:mn>2</ml:mn><ml:mo stretchy="false">)</ml:mo></ml:math>. Journal of Differential Equations, 2017, 263, 1079-1124.	1.1	12
51	A singular limit problem for the Kudryashov-Sinelshchikov equation. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2017, 97, 1020-1033.	0.9	6
52	A convergent finite difference scheme for the variational heat equation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	0.7	0
53	Well-posedness for a slow erosion model. Journal of Mathematical Analysis and Applications, 2017, 456, 337-355.	0.5	7
54	On a model for the evolution of morphogens in a growing tissue II: $$varvec{heta = log (2)}$$ Î¸ = log (2) case. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	0.7	9

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

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73	Well-posedness results for the short pulse equation. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 1529-1557.	0.7	30
74	Wellposedness of bounded solutions of the non-homogeneous initial boundary for the short pulse equation. Bolletino Dell Unione Matematica Italiana, 2015, 8, 31-44.	0.6	13
75	Dispersive and diffusive limits for Ostrovskyâ€“Hunter type equations. Nonlinear Differential Equations and Applications, 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. Journal of Hyperbolic Differential Equations, 2015, 12, 221-248.	0.3	16
77	Oleinik type estimates for the Ostrovskyâ€“Hunter equation. Journal of Mathematical Analysis and Applications, 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. Discrete and Continuous Dynamical Systems, 2015, 36, 2981-2990.	0.5	15
79	Continuous dependence in hyperbolic problems with Wentzell boundary conditions. Communications on Pure and Applied Analysis, 2014, 13, 419-433.	0.4	18
80	Analysis and numerical approximation of Brinkman regularization of two-phase flows in porous media. Computational Geosciences, 2014, 18, 637-659.	1.2	16
81	Convergence of the Ostrovsky equation to the Ostrovskyâ€“Hunter one. Journal of Differential Equations, 2014, 256, 3245-3277.	1.1	40
82	Existence of Global Weak Solutions to a Generalized Hyperelastic-Rod Wave Equation with Source. Springer INdAM Series, 2014, , 23-47.	0.4	0
83	A Multidimensional Optimal-Harvesting Problem with Measure-Valued Solutions. SIAM Journal on Control and Optimization, 2013, 51, 1186-1202.	1.1	16
84	Stability estimates for nonlinear hyperbolic problems with nonlinear Wentzell boundary conditions. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 733-753.	0.7	13
85	Vanishing viscosity for mixed systems with moving boundaries. Journal of Functional Analysis, 2013, 264, 1664-1710.	0.7	7
86	Convergence of vanishing capillarity approximations for scalar conservation laws with discontinuous fluxes. Networks and Heterogeneous Media, 2013, 8, 969-984.	0.5	21
87	On a Dirichlet problem in bounded domains with singular nonlinearity. Discrete and Continuous Dynamical Systems, 2013, 33, 4923-4944.	0.5	12
88	Hamiltonian Approximation of Entropy Solutions of the Burgers Equation. Series in Contemporary Applied Mathematics, 2012, , 160-171.	0.8	0
89	A note on positive solutions for conservation laws with singular source. Proceedings of the American Mathematical Society, 2012, 141, 1613-1625.	0.4	0
90	Analytic Solutions and Singularity Formation for the Peakon b-Family Equations. Acta Applicandae Mathematicae, 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 SchrÃ¶dinger-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 Camassaâ€“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	Initialâ€“boundary value problems for conservation laws with source terms and the Degasperisâ€“Procesi equation. Journal of Functional Analysis, 2009, 257, 3823-3857.	0.7	27
99	Continuous dependence on the boundary conditions forÂtheÂWentzell 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 Camassaâ€“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 HAMILTONâ€“JACOBI EQUATIONS WITH DISCONTINUOUS COEFFICIENTS. Journal of Hyperbolic Differential Equations, 2007, 04, 771-795.	0.3	18
106	The SchrÃ¶dingerâ€“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 Degasperisâ€“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 Camassaâ€“Holm Shallow Water Equation. Communications in Partial Differential Equations, 2006, 31, 1253-1272.	1.0	37
110	On the well-posedness of the Degasperisâ€“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 Schrodingerâ€“Maxwell equations with negative potential. Annales Polonici Mathematici, 2002, 79, 21-30.	0.2	21
124	$$H^1$$ solutions for a Kuramotoâ€“Sinelshchikovâ€“Cahnâ€“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 Ostrovskyâ€“Hunter type equation. , 0, , 97-109.		3