

Alberto Bressan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

4,202
citations

31
h-index

60
g-index

192
ext. papers

4,782
ext. citations

1.5
avg, IF

5.93
L-index

#	Paper	IF	Citations
183	Global Conservative Solutions of the Camassa-Holm Equation. <i>Archive for Rational Mechanics and Analysis</i> , 2007 , 183, 215-239	2.3	542
182	GLOBAL DISSIPATIVE SOLUTIONS OF THE CAMASSA-HOLM EQUATION. <i>Analysis and Applications</i> , 2007 , 05, 1-27	2.5	339
181	Vanishing viscosity solutions of nonlinear hyperbolic systems. <i>Annals of Mathematics</i> , 2005 , 161, 223-342	3.9	235
180	Extensions and selections of maps with decomposable values. <i>Studia Mathematica</i> , 1988 , 90, 69-86	1.9	200
179	L1 Stability Estimates for n Conservation Laws. <i>Archive for Rational Mechanics and Analysis</i> , 1999 , 149, 1-22	2.3	133
178	Global Solutions of the Hunter-Saxton Equation. <i>SIAM Journal on Mathematical Analysis</i> , 2005 , 37, 996-1026	2.6	105
177	Flows on networks: recent results and perspectives. <i>EMS Surveys in Mathematical Sciences</i> , 2014 , 1, 47-114	1.4	95
176	Global solutions of systems of conservation laws by wave-front tracking. <i>Journal of Mathematical Analysis and Applications</i> , 1992 , 170, 414-432	1.1	95
175	The semigroup generated by 2 conservation laws. <i>Archive for Rational Mechanics and Analysis</i> , 1995 , 133, 1-75	2.3	88
174	Patchy Vector Fields and Asymptotic Stabilization. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 1999 , 4, 445-471	1	84
173	The unique limit of the Glimm scheme. <i>Archive for Rational Mechanics and Analysis</i> , 1995 , 130, 205-230	2.3	76
172	Impulsive control systems with commutative vector fields. <i>Journal of Optimization Theory and Applications</i> , 1991 , 71, 67-83	1.6	71
171	. <i>Indiana University Mathematics Journal</i> , 1988 , 37, 409	0.6	60
170	Impulsive control systems without commutativity assumptions. <i>Journal of Optimization Theory and Applications</i> , 1994 , 81, 435-457	1.6	58
169	Uniqueness of Weak Solutions to Systems of Conservation Laws. <i>Archive for Rational Mechanics and Analysis</i> , 1997 , 140, 301-317	2.3	55
168	Thermal behavior for a confined reactive gas. <i>Journal of Differential Equations</i> , 1982 , 44, 118-133	2.1	53
167	Dissecting the mode of maize chlorotic mottle virus transmission (Tombusviridae: Machlomovirus) by <i>Frankliniella williamsi</i> (Thysanoptera: Thripidae). <i>Journal of Economic Entomology</i> , 2013 , 106, 16-24	2.2	52

166	Noncooperative Differential Games. <i>Milan Journal of Mathematics</i> , 2011 , 79, 357-427	1	52
165	Total blow-up versus single point blow-up. <i>Journal of Differential Equations</i> , 1988 , 73, 30-44	2.1	48
164	Conservative Solutions to a Nonlinear Variational Wave Equation. <i>Communications in Mathematical Physics</i> , 2006 , 266, 471-497	2	44
163	Stable blow-up patterns. <i>Journal of Differential Equations</i> , 1992 , 98, 57-75	2.1	38
162	The Generic Local Time-Optimal Stabilizing Controls in Dimension 3. <i>SIAM Journal on Control and Optimization</i> , 1986 , 24, 177-190	1.9	37
161	Well-posedness of the Cauchy problem for n -systems of conservation laws. <i>Memoirs of the American Mathematical Society</i> , 2000 , 146, 0-0	1.5	37
160	Lipschitz metric for the Hunter-Baxton equation. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2010 , 94, 68-92	1.7	36
159	Unique solutions of 2 X 2 conservation laws with large data. <i>Indiana University Mathematics Journal</i> , 1995 , 44, 0-0	0.6	35
158	. <i>Indiana University Mathematics Journal</i> , 1987 , 36, 295	0.6	34
157	Asymptotic Variational Wave Equations. <i>Archive for Rational Mechanics and Analysis</i> , 2006 , 183, 163-185	2.3	33
156	On the Boundary Control of Systems of Conservation Laws. <i>SIAM Journal on Control and Optimization</i> , 2002 , 41, 607-622	1.9	33
155	Oleinik Type Estimates and Uniqueness for n - Conservation Laws. <i>Journal of Differential Equations</i> , 1999 , 156, 26-49	2.1	33
154	Uniqueness of conservative solutions to the Camassa-Holm equation via characteristics. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 35, 25-42	2	32
153	A High Order Test for Optimality of Bang-Bang Controls. <i>SIAM Journal on Control and Optimization</i> , 1985 , 23, 38-48	1.9	32
152	A Generic Classification of Time-Optimal Planar Stabilizing Feedbacks. <i>SIAM Journal on Control and Optimization</i> , 1998 , 36, 12-32	1.9	31
151	On Differential Systems with Quadratic Impulses and Their Applications to Lagrangian Mechanics. <i>SIAM Journal on Control and Optimization</i> , 1993 , 31, 1205-1220	1.9	31
150	Local asymptotic approximation of non-linear control systems!. <i>International Journal of Control</i> , 1985 , 41, 1331-1336	1.5	31
149	Differential inclusions and the control of forest fires. <i>Journal of Differential Equations</i> , 2007 , 243, 179-207	2.1	30

148	On the convergence rate of vanishing viscosity approximations. <i>Communications on Pure and Applied Mathematics</i> , 2004 , 57, 1075-1109	2.5	30
147	Impulsive control of Lagrangian systems and locomotion in fluids. <i>Discrete and Continuous Dynamical Systems</i> , 2008 , 20, 1-35	2	29
146	Optima and Equilibria for a Model of Traffic Flow. <i>SIAM Journal on Mathematical Analysis</i> , 2011 , 43, 2384-2417	2.1	28
145	Uniqueness for discontinuous ODE and conservation laws. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1998 , 34, 637-652	1.3	28
144	On differential relations with lower continuous right-hand side. An existence theorem. <i>Journal of Differential Equations</i> , 1980 , 37, 89-97	2.1	28
143	Structural stability and regularity of entropy solutions to hyperbolic systems of conservation laws. <i>Indiana University Mathematics Journal</i> , 1999 , 48, 0-0	0.6	27
142	Unique solutions for a class of discontinuous differential equations. <i>Proceedings of the American Mathematical Society</i> , 1988 , 104, 772-772	0.8	27
141	Flow Stability of Patchy Vector Fields and Robust Feedback Stabilization. <i>SIAM Journal on Control and Optimization</i> , 2002 , 41, 1455-1476	1.9	26
140	. <i>Indiana University Mathematics Journal</i> , 1990 , 39, 947	0.6	26
139	The Deflection Angle of Surface Ocean Currents From the Wind Direction. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 7412-7420	3.3	24
138	On the qualitative theory of lower semicontinuous differential inclusions. <i>Journal of Differential Equations</i> , 1989 , 77, 379-391	2.1	24
137	Optimal control problems on stratified domains. <i>Networks and Heterogeneous Media</i> , 2007 , 2, 313-331	1.6	24
136	On Trajectories Satisfying a State Constraint: $W^{1,1}$ Estimates and Counterexamples. <i>SIAM Journal on Control and Optimization</i> , 2010 , 48, 4664-4679	1.9	23
135	Semi-cooperative strategies for differential games. <i>International Journal of Game Theory</i> , 2004 , 32, 561	0.5	23
134	Error Bounds for a Deterministic Version of the Glimm Scheme. <i>Archive for Rational Mechanics and Analysis</i> , 1998 , 142, 155-176	2.3	21
133	BLOCKING STRATEGIES FOR A FIRE CONTROL PROBLEM. <i>Analysis and Applications</i> , 2008 , 06, 229-246	2.5	21
132	A class of absolute retracts in spaces of integrable functions. <i>Proceedings of the American Mathematical Society</i> , 1991 , 112, 413-413	0.8	21
131	Unique Conservative Solutions to a Variational Wave Equation. <i>Archive for Rational Mechanics and Analysis</i> , 2015 , 217, 1069-1101	2.3	19

130	Existence of optimal strategies for a fire confinement problem. <i>Communications on Pure and Applied Mathematics</i> , 2009 , 62, 789-830	2.5	19
129	Small BV Solutions of Hyperbolic Noncooperative Differential Games. <i>SIAM Journal on Control and Optimization</i> , 2004 , 43, 194-215	1.9	19
128	Existence of optima and equilibria for traffic flow on networks. <i>Networks and Heterogeneous Media</i> , 2013 , 8, 627-648	1.6	19
127	A uniqueness condition for hyperbolic systems of conservation laws. <i>Discrete and Continuous Dynamical Systems</i> , 2000 , 6, 673-682	2	18
126	The most likely path of a differential inclusion. <i>Journal of Differential Equations</i> , 1990 , 88, 155-174	2.1	18
125	Continuous Riemann solvers for traffic flow at a junction. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 35, 4149-4171	2	18
124	Nash equilibria for a model of traffic flow with several groups of drivers. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2012 , 18, 969-986	1	16
123	Infinite horizon noncooperative differential games. <i>Journal of Differential Equations</i> , 2006 , 227, 230-257	2.1	16
122	On a Lyapunov functional relating shortening curves and viscous conservation laws. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2002 , 51, 649-662	1.3	16
121	Generalized Baire category and differential inclusions in Banach spaces. <i>Journal of Differential Equations</i> , 1988 , 76, 135-158	2.1	16
120	Moving Constraints as Stabilizing Controls in Classical Mechanics. <i>Archive for Rational Mechanics and Analysis</i> , 2010 , 196, 97-141	2.3	15
119	A Sharp Decay Estimate for Positive Nonlinear Waves. <i>SIAM Journal on Mathematical Analysis</i> , 2004 , 36, 659-677	1.7	15
118	ON THE CONVERGENCE OF GODUNOV SCHEME FOR NONLINEAR HYPERBOLIC SYSTEMS. <i>Chinese Annals of Mathematics Series B</i> , 2000 , 21, 269-284	0.4	15
117	Conservation law models for traffic flow on a network of roads. <i>Networks and Heterogeneous Media</i> , 2015 , 10, 255-293	1.6	15
116	The minimum speed for a blocking problem on the half plane. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 356, 133-144	1.1	14
115	Trajectories of differential inclusions with state constraints. <i>Journal of Differential Equations</i> , 2011 , 250, 2267-2281	2.1	14
114	A Contractive Metric for Systems of Conservation Laws with Coinciding Shock and Rarefaction Curves. <i>Journal of Differential Equations</i> , 1993 , 106, 332-366	2.1	14
113	Generic regularity of conservative solutions to a nonlinear wave equation. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2017 , 34, 335-354	1.6	13

112	Bifurcation analysis of a non-cooperative differential game with one weak player. <i>Journal of Differential Equations</i> , 2010 , 248, 1297-1314	2.1	13
111	A Baire Category Approach to the Bang-Bang Property. <i>Journal of Differential Equations</i> , 1995 , 116, 318-337		13
110	BV estimates for multicomponent chromatography with relaxation. <i>Discrete and Continuous Dynamical Systems</i> , 2000 , 6, 21-38	2	13
109	A Multidimensional Optimal-Harvesting Problem with Measure-Valued Solutions. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 1186-1202	1.9	12
108	Representation of dissipative solutions to a nonlinear variational wave equation. <i>Communications in Mathematical Sciences</i> , 2016 , 14, 31-53	1	12
107	Hyperbolic Conservation Laws: An Illustrated Tutorial. <i>Lecture Notes in Mathematics</i> , 2013 , 157-245	0.4	12
106	Equivalent formulation and numerical analysis of a fire confinement problem. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2010 , 16, 974-1001	1	11
105	On the Intersection of a Clarke Cone with a Boltyanskii Cone. <i>SIAM Journal on Control and Optimization</i> , 2007 , 45, 2054-2064	1.9	11
104	Directional convexity and finite optimality conditions. <i>Journal of Mathematical Analysis and Applications</i> , 1987 , 125, 234-246	1.1	11
103	Global Existence of Weak Solutions for the Burgers--Hilbert Equation. <i>SIAM Journal on Mathematical Analysis</i> , 2014 , 46, 2884-2904	1.7	10
102	On the optimal strategy for an isotropic blocking problem. <i>Calculus of Variations and Partial Differential Equations</i> , 2012 , 45, 125-145	1.5	10
101	An instability of the Godunov scheme. <i>Communications on Pure and Applied Mathematics</i> , 2006 , 59, 1604-1638	1.6	10
100	Global a priori estimates for a viscous reactive gas*. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 1985 , 101, 321-333	1	10
99	Vanishing viscosity solutions for conservation laws with regulated flux. <i>Journal of Differential Equations</i> , 2019 , 266, 312-351	2.1	10
98	Lipschitz Metrics for a Class of Nonlinear Wave Equations. <i>Archive for Rational Mechanics and Analysis</i> , 2017 , 226, 1303-1343	2.3	9
97	Estimates for Trajectories Confined to a Cone in \mathbb{R}^n . <i>SIAM Journal on Control and Optimization</i> , 2011 , 49, 21-41	1.9	9
96	On nonconvex perturbations of maximal monotone differential inclusions. <i>Set-Valued and Variational Analysis</i> , 1994 , 2, 415-437		9
95	Upper semicontinuous differential inclusions without convexity. <i>Proceedings of the American Mathematical Society</i> , 1989 , 106, 771-771	0.8	9

94	Control Problems for a Class of Set Valued Evolutions. <i>Set-Valued and Variational Analysis</i> , 2012 , 20, 581-601	8
93	Variational analysis of Nash equilibria for a model of traffic flow. <i>Quarterly of Applied Mathematics</i> , 2012 , 70, 495-515	0.7 8
92	Non-existence and non-uniqueness for multidimensional sticky particle systems. <i>Kinetic and Related Models</i> , 2014 , 7, 205-218	2.4 8
91	On self-similar solutions to the incompressible Euler equations. <i>Journal of Differential Equations</i> , 2020 , 269, 5142-5203	2.1 7
90	On the Convergence Rate of Vanishing Viscosity Approximations for Nonlinear Hyperbolic Systems. <i>SIAM Journal on Mathematical Analysis</i> , 2012 , 44, 3537-3563	1.7 7
89	Global optimality conditions for a dynamic blocking problem. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2012 , 18, 124-156	1 7
88	Stability rates for patchy vector fields. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2004 , 10, 168-200	1 7
87	BV solutions for a class of viscous hyperbolic systems. <i>Indiana University Mathematics Journal</i> , 2000 , 49, 0-0	0.6 7
86	On Traffic Flow with Nonlocal Flux: A Relaxation Representation. <i>Archive for Rational Mechanics and Analysis</i> , 2020 , 237, 1213-1236	2.3 6
85	A Bidding Game in a Continuum Limit Order Book. <i>SIAM Journal on Control and Optimization</i> , 2013 , 51, 3459-3485	1.9 6
84	Classical solutions to differential inclusions with totally disconnected right-hand side. <i>Journal of Differential Equations</i> , 2009 , 246, 629-640	2.1 6
83	Measure-Valued Solutions for a Differential Game Related to Fish Harvesting. <i>SIAM Journal on Control and Optimization</i> , 2009 , 47, 3118-3137	1.9 6
82	Multivariable Aumann Integrals and Controlled Wave Equations. <i>Journal of Mathematical Analysis and Applications</i> , 1995 , 189, 315-334	1.1 6
81	The Confined Nondiffusive Thermal Explosion with Spatially Homogeneous Pressure Variation. <i>Combustion Science and Technology</i> , 1989 , 63, 45-62	1.5 6
80	Directionally continuous selections in Banach spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1989 , 13, 987-992	1.3 6
79	Selections and representations of multifunctions in paracompact spaces. <i>Studia Mathematica</i> , 1992 , 102, 209-216	1.9 6
78	Stability of Feedback Solutions for Infinite Horizon Noncooperative Differential Games. <i>Dynamic Games and Applications</i> , 2018 , 8, 42-78	1.1 5
77	A semigroup approach to an integro-differential equation modeling slow erosion. <i>Journal of Differential Equations</i> , 2014 , 257, 2360-2403	2.1 5

76	Extremal solutions of differential inclusions via Baire category: A dual approach. <i>Journal of Differential Equations</i> , 2013 , 255, 2392-2399	2.1	5
75	Graph completions for impulsive feedback controls. <i>Journal of Mathematical Analysis and Applications</i> , 2014 , 412, 976-988	1.1	5
74	Nearly time optimal stabilizing patchy feedbacks. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2007 , 24, 279-310	1.6	5
73	A center manifold technique for tracing viscous waves. <i>Communications on Pure and Applied Analysis</i> , 2002 , 1, 161-190	1.9	5
72	On the Cauchy problem for systems of conservation laws. <i>ESAIM: Proceedings and Surveys</i> , 1998 , 3, 23-36		5
71	Optima and equilibria for traffic flow on networks with backward propagating queues. <i>Networks and Heterogeneous Media</i> , 2015 , 10, 717-748	1.6	5
70	The Riemann solver for traffic flow at an intersection with buffer of vanishing size. <i>Networks and Heterogeneous Media</i> , 2017 , 12, 173-189	1.6	5
69	Piecewise smooth solutions to the Burgers-Hilbert equation. <i>Communications in Mathematical Sciences</i> , 2017 , 15, 165-184	1	5
68	Hyperbolic Systems of Balance Laws. <i>Lecture Notes in Mathematics</i> , 2007 ,	0.4	5
67	A posteriori error estimates for self-similar solutions to the Euler equations. <i>Discrete and Continuous Dynamical Systems</i> , 2021 , 41, 113-130	2	5
66	On the optimal shape of tree roots and branches. <i>Mathematical Models and Methods in Applied Sciences</i> , 2018 , 28, 2763-2801	3.5	5
65	Impulsive Control Systems. <i>The IMA Volumes in Mathematics and Its Applications</i> , 1996 , 1-22	0.5	5
64	Dynamic Blocking Problems for a Model of Fire Propagation. <i>Fields Institute Communications</i> , 2013 , 11-40.	0.4	5
63	Growth models for tree stems and vines. <i>Journal of Differential Equations</i> , 2017 , 263, 2280-2316	2.1	4
62	A Model of Controlled Growth. <i>Archive for Rational Mechanics and Analysis</i> , 2018 , 227, 1223-1266	2.3	4
61	Lack of BV bounds for approximate solutions to the p -system with large data. <i>Journal of Differential Equations</i> , 2014 , 256, 3067-3085	2.1	4
60	BV Solutions to Hyperbolic Systems by Vanishing Viscosity. <i>Lecture Notes in Mathematics</i> , 2007 , 1-77	0.4	4
59	Uniqueness of conservative solutions for nonlinear wave equations via characteristics. <i>Bulletin of the Brazilian Mathematical Society</i> , 2016 , 47, 157-169	1.2	4

58	Nilpotent Approximations and Optimal Trajectories 1991 , 103-117		4
57	Discrete Bidding Strategies for a Random Incoming Order. <i>SIAM Journal on Financial Mathematics</i> , 2014 , 5, 50-70	1.4	3
56	On the controllability of Lagrangian systems by active constraints. <i>Journal of Differential Equations</i> , 2009 , 247, 543-563	2.1	3
55	Instability of travelling wave profiles for the Lax-Friedrichs scheme. <i>Discrete and Continuous Dynamical Systems</i> , 2005 , 13, 877-899	2	3
54	Viscosity Solutions for Nonlinear Hyperbolic Systems 2003 , 19-41		3
53	Some Results on the Boundary Control of Systems of Conservation Laws 2003 , 255-264		3
52	Variational problems for tree roots and branches. <i>Calculus of Variations and Partial Differential Equations</i> , 2020 , 59, 1	1.5	3
51	Random extremal solutions of differential inclusions. <i>Nonlinear Differential Equations and Applications</i> , 2016 , 23, 1	0.8	2
50	Non-classical problems of optimal feedback control. <i>Journal of Differential Equations</i> , 2012 , 253, 1111-1142		2
49	Stackelberg Solutions of Feedback Type for Differential Games with Random Initial Data. <i>Dynamic Games and Applications</i> , 2013 , 3, 341-358	1.1	2
48	ON THE STABILITY OF THE BEST REPLY MAP FOR NONCOOPERATIVE DIFFERENTIAL GAMES. <i>Analysis and Applications</i> , 2012 , 10, 113-132	2.5	2
47	UNIQUE SOLUTIONS OF DISCONTINUOUS O.D.E.'S IN BANACH SPACES. <i>Analysis and Applications</i> , 2006 , 04, 247-262	2.5	2
46	On symmetric and nonsymmetric blowup for a weakly quasilinear heat equation. <i>Nonlinear Differential Equations and Applications</i> , 1996 , 3, 269-286	0.8	2
45	Moti pìrìgidi possibile. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 1980 , 29, 152-160	0.5	2
44	PATCHY FEEDBACKS FOR STABILIZATION AND OPTIMAL CONTROL: GENERAL THEORY AND ROBUSTNESS PROPERTIES. <i>Series on Advances in Mathematics for Applied Sciences</i> , 2008 , 28-64		2
43	Upper and Lower Semicontinuous Differential Inclusions: A Unified Approach 2017 , 21-31		2
42	Singular Limits for Impulsive Lagrangian Systems with Dissipative Sources. <i>Progress in Nonlinear Differential Equations and Their Application</i> , 2007 , 79-103	1	2
41	An equilibrium model of debt and bankruptcy. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2016 , 22, 953-982	1	2

40	Differential inclusions without convexity: A survey of directionally continuous selections 1996 , 2081-2088		2
39	Self-consistent Feedback Stackelberg Equilibria for Infinite Horizon Stochastic Games. <i>Dynamic Games and Applications</i> , 2020 , 10, 328-360	1.1	2
38	A Posteriori Error Estimates for Numerical Solutions to Hyperbolic Conservation Laws. <i>Archive for Rational Mechanics and Analysis</i> , 2021 , 241, 357-402	2.3	2
37	Dynamic stability of the Nash equilibrium for a bidding game. <i>Analysis and Applications</i> , 2016 , 14, 591-614	4.5	2
36	On the Competitive Harvesting of Marine Resources. <i>SIAM Journal on Control and Optimization</i> , 2019 , 57, 3961-3984	1.9	2
35	Entropy admissibility of the limit solution for a nonlocal model of traffic flow. <i>Communications in Mathematical Sciences</i> , 2021 , 19, 1447-1450	1	2
34	Measure-Valued Solutions to a Harvesting Game with Several Players 2011 , 399-423		2
33	Lower semicontinuity of weighted path length in BV 1997 , 31-58		2
32	Approximation of Sweeping Processes and Controllability for a Set-Valued Evolution. <i>SIAM Journal on Control and Optimization</i> , 2019 , 57, 2487-2514	1.9	1
31	On the Generic Structure and Stability of Stackelberg Equilibria. <i>Journal of Optimization Theory and Applications</i> , 2019 , 183, 840-880	1.6	1
30	A Bidding Game with Heterogeneous Players. <i>Journal of Optimization Theory and Applications</i> , 2014 , 163, 1018-1048	1.6	1
29	Examples of nonclassical feedback control problems. <i>Nonlinear Differential Equations and Applications</i> , 2013 , 20, 249-271	0.8	1
28	A Stochastic Model of Optimal Debt Management and Bankruptcy. <i>SIAM Journal on Financial Mathematics</i> , 2017 , 8, 841-873	1.4	1
27	No BV bounds for approximate solutions to p-system with general pressure law. <i>Journal of Hyperbolic Differential Equations</i> , 2015 , 12, 799-816	0.6	1
26	Multidimensional graph completions and Cellina approximable multifunctions. <i>Rocky Mountain Journal of Mathematics</i> , 2011 , 41,	1.4	1
25	Chapter 2 Front tracking method for systems of conservation laws. <i>Handbook of Differential Equations: Evolutionary Equations</i> , 2002 , 87-168		1
24	High order approximation of implicitly defined maps. <i>Annali Di Matematica Pura Ed Applicata</i> , 1984 , 137, 163-173	0.8	1
23	Sugli atti di moto più rigidi possibile. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 1983 , 32, 60-68	0.5	1

22	A first global phylogeny of Maize chlorotic mottle virus		1
21	Markovian Solutions to Discontinuous ODEs. <i>Journal of Dynamics and Differential Equations</i> , 1	1.3	1
20	Feedback Stabilization of Stem Growth. <i>Journal of Dynamics and Differential Equations</i> , 2019, 31, 1079-1106	1.06	1
19	On finite time BV blow-up for the p-system. <i>Communications in Partial Differential Equations</i> , 2018, 43, 1242-1280	1.6	1
18	Open Questions in the Theory of One Dimensional Hyperbolic Conservation Laws. <i>The IMA Volumes in Mathematics and Its Applications</i> , 2011, 1-22	0.5	1
17	Competition models for plant stems. <i>Journal of Differential Equations</i> , 2020, 269, 1571-1611	2.1	0
16	Optimal open-loop strategies in a debt management problem. <i>Analysis and Applications</i> , 2018, 16, 133-157	1.75	
15	The bangBang theorem via Baire category: a dual approach. <i>Nonlinear Differential Equations and Applications</i> , 2016, 23, 1	0.8	
14	Traffic Flow Models on a Network of Roads. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, 237-248	0.2	
13	On the formation of scalar viscous shocks problem. <i>International Journal of Dynamical Systems and Differential Equations</i> , 2007, 1, 1	0.4	
12	Stability of Solutions to Hyperbolic Systems of Conservation Laws. <i>Journal of Mathematical Sciences</i> , 2001, 104, 933-940	0.4	
11	Moduli of continuity of selections from nonconvex maps. <i>Set-Valued and Variational Analysis</i> , 1993, 1, 47-63		
10	Sugli atti di moto piu rigidi possibile. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 1983, 32, 151-156	0.5	
9	On the regularity of optimal dynamic blocking strategies. <i>Calculus of Variations and Partial Differential Equations</i> , 2022, 61, 1	1.5	
8	Convergence of the Godunov Scheme for Straight Line Systems 2001, 187-196		
7	Viscosity Solutions for Hyperbolic Systems where Shock Curves are Straight Lines 2001, 159-167		
6	Globally optimal departure rates for several groups of drivers. <i>Mathematics in Engineering</i> , 2019, 1, 583-613	6.13	
5	Contractive Metrics for Nonsmooth Evolutions. <i>Abel Symposia</i> , 2012, 13-35	0.9	

- 4 On the control of non holonomic systems by active constraints. *Discrete and Continuous Dynamical Systems*, **2013**, 33, 3329-3353 2
- 3 Numerical study of non-uniqueness for 2D compressible isentropic Euler equations. *Journal of Computational Physics*, **2021**, 445, 110588 4.1
- 2 A 2-dimensional shape optimization problem for tree branches. *Networks and Heterogeneous Media*, **2021**, 16, 1-29 1.6
- 1 Weighted irrigation plans. *Communications in Mathematical Sciences*, **2022**, 20, 611-651 1