

Marc Quincampoix

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.

61

papers

818

citations

16

h-index

26

g-index

64

ext. papers

943

ext. citations

1.4

avg, IF

4.2

L-index

#	Paper	IF	Citations
61	Set-Valued Numerical Analysis for Optimal Control and Differential Games 1999 , 177-247		105
60	Linear Programming Approach to Deterministic Infinite Horizon Optimal Control Problems with Discounting. <i>SIAM Journal on Control and Optimization</i> , 2009 , 48, 2480-2512	1.9	55
59	Pursuit Differential Games with State Constraints. <i>SIAM Journal on Control and Optimization</i> , 2000 , 39, 1615-1632	1.9	54
58	On the Reachability Problem for Uncertain Hybrid Systems. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 1572-1586	5.9	46
57	Viability property for a backward stochastic differential equation and applications to partial differential equations. <i>Probability Theory and Related Fields</i> , 2000 , 116, 485-504	1.4	42
56	Differential Inclusions and Target Problems. <i>SIAM Journal on Control and Optimization</i> , 1992 , 30, 324-335	1.9	41
55	Existence of stochastic control under state constraints. <i>Comptes Rendus Mathematique</i> , 1998 , 327, 17-22		36
54	On the Existence of a Limit Value in Some Nonexpansive Optimal Control Problems. <i>SIAM Journal on Control and Optimization</i> , 2011 , 49, 2118-2132	1.9	27
53	Zero-sum state constrained differential games: existence of value for Bolza problem. <i>International Journal of Game Theory</i> , 2006 , 34, 495-527	0.5	22
52	On the control of uncertain impulsive systems: approximate stabilization and controlled invariance. <i>International Journal of Control</i> , 2004 , 77, 1393-1407	1.5	22
51	Numerical Schemes for Discontinuous Value Functions of Optimal Control. <i>Set-Valued and Variational Analysis</i> , 2000 , 8, 111-126		21
50	Repeated Games and Qualitative Differential Games: Approachability and Comparison of Strategies. <i>SIAM Journal on Control and Optimization</i> , 2009 , 48, 2461-2479	1.9	19
49	On Existence of Solutions to Differential Equations or Inclusions Remaining in a Prescribed Closed Subset of a Finite-Dimensional Space. <i>Journal of Differential Equations</i> , 2002 , 185, 483-512	2.1	19
48	Value-functions for Differential Games and Control Systems with Discontinuous Terminal Cost. <i>SIAM Journal on Control and Optimization</i> , 2000 , 39, 1485-1498	1.9	19
47	Mayer control problem with probabilistic uncertainty on initial positions. <i>Journal of Differential Equations</i> , 2018 , 264, 3212-3252	2.1	19
46	Local small time controllability and attainability of a set for nonlinear control system. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2001 , 6, 499-516	1	17
45	Pure and Random strategies in differential game with incomplete informations. <i>Journal of Dynamics and Games</i> , 2014 , 1, 363-375	1.9	15

44	Optimal Control of Uncertain Systems with Incomplete Information for the Disturbances. <i>SIAM Journal on Control and Optimization</i> , 2004 , 43, 1373-1399	1.9	15
43	Value in mixed strategies for zero-sum stochastic differential games without Isaacs condition. <i>Annals of Probability</i> , 2014 , 42,	1.9	14
42	Value function of differential games without Isaacs conditions. An approach with nonanticipative mixed strategies. <i>International Journal of Game Theory</i> , 2013 , 42, 989-1020	0.5	14
41	Stabilization of Uncertain Control Systems through Piecewise Constant Feedback. <i>Journal of Mathematical Analysis and Applications</i> , 1998 , 218, 240-255	1.1	12
40	On open-loop and feedback attainability of a closed set for nonlinear control systems. <i>Journal of Mathematical Analysis and Applications</i> , 2002 , 270, 474-487	1.1	12
39	The problem of optimal control with reflection studied through a linear optimization problem stated on occupational measures. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 2803-2815	1.3	11
38	Differential Games Through Viability Theory: Old and Recent Results 2007 , 3-35		11
37	Optimal control of multiagent systems in the Wasserstein space. <i>Calculus of Variations and Partial Differential Equations</i> , 2020 , 59, 1	1.5	10
36	Existence of Asymptotic Values for Nonexpansive Stochastic Control Systems. <i>Applied Mathematics and Optimization</i> , 2014 , 70, 1-28	1.5	10
35	Discontinuous Mayer control problem under state-constraints. <i>Topological Methods in Nonlinear Analysis</i> , 2000 , 15, 91	0	10
34	Stochastic Control with Exit Time and Constraints, Application to Small Time Attainability of Sets. <i>Applied Mathematics and Optimization</i> , 2004 , 49, 99-112	1.5	9
33	Differential Games with Incomplete Information on a Continuum of Initial Positions and without Isaacs Condition. <i>Dynamic Games and Applications</i> , 2016 , 6, 82-96	1.1	8
32	Differential games with asymmetric information and without Isaacs condition. <i>International Journal of Game Theory</i> , 2016 , 45, 795-816	0.5	8
31	Existence of equilibria of set-valued maps on bounded epi-Lipschitz domains in Hilbert spaces without invariance conditions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 262-276	1.3	8
30	On representation formulas for Hamilton Jacobi's equations related to calculus of variations problems. <i>Topological Methods in Nonlinear Analysis</i> , 2002 , 20, 85	0	8
29	Limit value for optimal control with general means. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 36, 2113-2132	2	7
28	Another proof for the equivalence between invariance of closed sets with respect to stochastic and deterministic systems??The authors gratefully acknowledge the support from the RTN network HPRN-CT-2002-00281 (European Union) and from the FWF-grant Y 328 (Austrian Science Funds).. <i>Bulletin Des Sciences Mathematiques</i> , 2010 , 134, 207-214	0.7	6
27	Oleinik's formulas and multitime Hamilton-Jacobi systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2002 , 51, 957-967	1.3	6

26	Stochastic control and compatible subsets of constraints. <i>Bulletin Des Sciences Mathematiques</i> , 2005 , 129, 39-55	0.7	6
25	Playable differential games. <i>Journal of Mathematical Analysis and Applications</i> , 1991 , 161, 194-211	1.1	6
24	Approximate Stabilisation of Uncertain Hybrid Systems. <i>Lecture Notes in Computer Science</i> , 2003 , 203-215.	0.9	6
23	Equilibria and strict equilibria of multivalued maps on noninvariant sets. <i>Annales Polonici Mathematici</i> , 2003 , 82, 19-37	1.3	5
22	On the small-time controllability of discontinuous piece-wise linear systems. <i>Systems and Control Letters</i> , 2013 , 62, 218-223	2.4	4
21	Averaging problem for weakly coupled nonexpansive control systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015 , 113, 147-158	1.3	3
20	Singular perturbations for differential equations and inclusions: An approach through constrained systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1998 , 32, 697-710	1.3	3
19	De l'existence de solutions d'equations differentielles assujetties "rester dans un ensemble ferme" <i>Comptes Rendus Mathematique</i> , 2001 , 333, 913-918		3
18	Sliding mode control of uncertain systems: a singular perturbation approach. <i>IMA Journal of Mathematical Control and Information</i> , 2002 , 19, 377-398	1.1	3
17	Optimal control for the evolution of deterministic multi-agent systems. <i>Journal of Differential Equations</i> , 2020 , 269, 2228-2263	2.1	2
16	Preface: DGAA Special Issue on Pursuit-Evasion Games and Differential Games with Incomplete Information. <i>Dynamic Games and Applications</i> , 2019 , 9, 569-572	1.1	2
15	On a Unified Framework for Approachability with Full or Partial Monitoring. <i>Mathematics of Operations Research</i> , 2015 , 40, 596-610	1.5	2
14	Controlled Stochastic Differential Equations under Constraints in Infinite Dimensional Spaces. <i>SIAM Journal on Control and Optimization</i> , 2008 , 47, 218-250	1.9	2
13	On Lipschitz regularity of minimizers of a calculus of variations problem with non locally bounded Lagrangians. <i>Comptes Rendus Mathematique</i> , 2006 , 343, 69-74	0.4	2
12	Stochastic control with exit time and constraints, application to small time attainability of sets. <i>Applied Mathematics and Optimization</i> , 2004 , 49, 99-112	1.5	2
11	Existence of fixed points on compact epilipschitz sets without invariance conditions. <i>Fixed Point Theory and Applications</i> , 2005 , 2005, 603074	1.4	2
10	Representation Formulas for Limit Values of Long Run Stochastic Optimal Controls. <i>SIAM Journal on Control and Optimization</i> , 2020 , 58, 1846-1873	1.9	2
9	Existence and Characterization of the Values of Two Player Differential Games with State Constraints. <i>Applied Mathematics and Optimization</i> , 2019 , 80, 765-799	1.5	1

8	Existence of periodic solutions of a ordinary differential equation perturbed by a small parameter: An averaging approach. <i>Comptes Rendus Mathematique</i> , 2009 , 347, 369-374	0.4	1
7	Parameterized Minimax Problem: On Lipschitz-Like Dependence of the Solution with Respect to the Parameter. <i>SIAM Journal on Optimization</i> , 2008 , 19, 1250-1269	2	1
6	On attainability of a set by at least one solution to a differential inclusion. <i>Optimization</i> , 2004 , 53, 563-582	0.2	0
5	Differential Games 2020 , 305-315		
4	On the Controllability of a Class of Hybrid Control Systems. <i>Lecture Notes in Computer Science</i> , 2014 , 107-115	0.9	
3	Nonsmooth Feedback Control for Multi-Agent Dynamics. <i>Set-Valued and Variational Analysis</i> , 2021 , 29, 501-518	1	
2	Compatibility of state constraints and dynamics for multiagent control systems.. <i>Journal of Evolution Equations</i> , 2021 , 21, 4491-4537	1.2	
1	Extremal Shift Rule and Viability Property for Mean Field-Type Control Systems. <i>Journal of Optimization Theory and Applications</i> , 2021 , 189, 244-270	1.6	