

Adriano Festa

List of Publications by Year in descending order

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papers

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times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Error Estimates for the Euler Discretization of an Optimal Control Problem with First-Order State Constraints. SIAM Journal on Numerical Analysis, 2017, 55, 445-471.	2.3	21
2	A Semi-Lagrangian Scheme for a Modified Version of the Hughes's Model for Pedestrian Flow. Dynamic Games and Applications, 2017, 7, 683-705.	1.9	16
3	Kinetic description of collision avoidance in pedestrian crowds by sidestepping. Kinetic and Related Models, 2018, 11, 491-520.	0.9	16
4	An approximation scheme for a Hamilton-Jacobi equation defined on a network. Applied Numerical Mathematics, 2013, 73, 33-47.	2.1	15
5	A decomposition technique for pursuit evasion games with many pursuers. , 2013, , .		13
6	A Mean Field Game approach for multi-lane traffic management. IFAC-PapersOnLine, 2018, 51, 793-798.	0.9	13
7	Reconstruction of independent sub-domains for a class of Hamilton-Jacobi equations and application to parallel computing. ESAIM: Mathematical Modelling and Numerical Analysis, 2016, 50, 1223-1240.	1.9	10
8	A discrete Hughes model for pedestrian flow on graphs. Networks and Heterogeneous Media, 2017, 12, 93-112.	1.1	8
9	Decomposition of Differential Games with Multiple Targets. Journal of Optimization Theory and Applications, 2016, 169, 848-875.	1.5	7
10	Optimal Route Planning for Sailing Boats: A Hybrid Formulation. Journal of Optimization Theory and Applications, 2019, 181, 1015-1032.	1.5	7
11	Modeling the impact of on-line navigation devices in traffic flows. , 2019, , .		6
12	Collision avoidance in pedestrian dynamics. , 2015, , .		5
13	Domain decomposition based parallel Howard's algorithm. Mathematics and Computers in Simulation, 2018, 147, 121-139.	4.4	5
14	An Approximation Scheme for an Eikonal Equation with Discontinuous Coefficient. SIAM Journal on Numerical Analysis, 2014, 52, 236-257.	2.3	4
15	Hamilton-Jacobi-Bellman Equations. Lecture Notes in Mathematics, 2017, , 127-261.	0.2	4
16	The orienteering problem: a hybrid control formulation. IFAC-PapersOnLine, 2021, 54, 175-180.	0.9	4
17	A model for a network of conveyor belts with discontinuous speed and capacity. Networks and Heterogeneous Media, 2019, 14, 389-410.	1.1	4
18	Hybrid control for optimal visiting problems for a single player and for a crowd. Nonlinear Differential Equations and Applications, 2022, 29, 1.	0.8	3

#	ARTICLE	IF	CITATIONS
19	A hybrid control framework for an optimal visiting problem. IFAC-PapersOnLine, 2021, 54, 241-246.	0.9	2
20	A Semi-Lagrangian Scheme for Hamilton–Jacobi–Bellman Equations on Networks. SIAM Journal on Numerical Analysis, 2020, 58, 3165-3196. The Hughes model for pedestrian dynamics and congestion modelling * AF acknowledges financial support from INDAM GnCS, project “Metodi numerici semi-impliciti e semi-Lagrangiani per sistemi iper-bolici di leggi di bilancio”. AF acknowledge financial support from the Austrian Academy of Sciences OAW via the New Frontiers Group NST-001. FJS benefited from the support of the “FMJH Program Gaspard Monge in optimization and operation research”, and from the support to this program from EDF. IFAC-PapersOnLine, 2017, 50, 1655-1660.	2.3	2
21	The Hughes model for pedestrian dynamics and congestion modelling * AF acknowledges financial support from INDAM GnCS, project “Metodi numerici semi-impliciti e semi-Lagrangiani per sistemi iper-bolici di leggi di bilancio”. AF acknowledge financial support from the Austrian Academy of Sciences OAW via the New Frontiers Group NST-001. FJS benefited from the support of the “FMJH Program Gaspard Monge in optimization and operation research”, and from the support to this program from EDF. IFAC-PapersOnLine, 2017, 50, 1655-1660.	0.9	1
22	An Adjoint-Based Approach for a Class of Nonlinear Fokker-Planck Equations and Related Systems. Springer INdAM Series, 2018, , 73-92.	0.5	0