

Adriano Festa

List of Publications by Year in descending order

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papers

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23
all docs

23
docs citations

23
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid control for optimal visiting problems for a single player and for a crowd. <i>Nonlinear Differential Equations and Applications</i> , 2022, 29, 1.	0.8	3
2	A hybrid control framework for an optimal visiting problem. <i>IFAC-PapersOnLine</i> , 2021, 54, 241-246.	0.9	2
3	The orienteering problem: a hybrid control formulation. <i>IFAC-PapersOnLine</i> , 2021, 54, 175-180.	0.9	4
4	A Semi-Lagrangian Scheme for Hamilton–Jacobi–Bellman Equations on Networks. <i>SIAM Journal on Numerical Analysis</i> , 2020, 58, 3165-3196.	2.3	2
5	Optimal Route Planning for Sailing Boats: A Hybrid Formulation. <i>Journal of Optimization Theory and Applications</i> , 2019, 181, 1015-1032.	1.5	7
6	Modeling the impact of on-line navigation devices in traffic flows. , 2019, , .		6
7	A model for a network of conveyor belts with discontinuous speed and capacity. <i>Networks and Heterogeneous Media</i> , 2019, 14, 389-410.	1.1	4
8	Domain decomposition based parallel Howard’s algorithm. <i>Mathematics and Computers in Simulation</i> , 2018, 147, 121-139.	4.4	5
9	A Mean Field Game approach for multi-lane traffic management. <i>IFAC-PapersOnLine</i> , 2018, 51, 793-798.	0.9	13
10	Kinetic description of collision avoidance in pedestrian crowds by sidestepping. <i>Kinetic and Related Models</i> , 2018, 11, 491-520.	0.9	16
11	An Adjoint-Based Approach for a Class of Nonlinear Fokker-Planck Equations and Related Systems. <i>Springer INdAM Series</i> , 2018, , 73-92.	0.5	0
12	Error Estimates for the Euler Discretization of an Optimal Control Problem with First-Order State Constraints. <i>SIAM Journal on Numerical Analysis</i> , 2017, 55, 445-471.	2.3	21
13	Hamilton–Jacobi–Bellman Equations. <i>Lecture Notes in Mathematics</i> , 2017, , 127-261.	0.2	4
14	A Semi-Lagrangian Scheme for a Modified Version of the Hughes’s Model for Pedestrian Flow. <i>Dynamic Games and Applications</i> , 2017, 7, 683-705.	1.9	16
15	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. <i>IFAC-PapersOnLine</i> , 2017, 50, 1655-1660.	0.9	1
16	A discrete Hughes model for pedestrian flow on graphs. <i>Networks and Heterogeneous Media</i> , 2017, 12, 93-112.	1.1	8
17	Decomposition of Differential Games with Multiple Targets. <i>Journal of Optimization Theory and Applications</i> , 2016, 169, 848-875.	1.5	7
18	Reconstruction of independent sub-domains for a class of Hamilton–Jacobi equations and application to parallel computing. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2016, 50, 1223-1240.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Collision avoidance in pedestrian dynamics. , 2015, , .		5
20	An Approximation Scheme for an Eikonal Equation with Discontinuous Coefficient. SIAM Journal on Numerical Analysis, 2014, 52, 236-257.	2.3	4
21	An approximation scheme for a Hamiltonâ€“Jacobi equation defined on a network. Applied Numerical Mathematics, 2013, 73, 33-47.	2.1	15
22	A decomposition technique for pursuit evasion games with many pursuers. , 2013, , .		13