

Emanuele Garone

List of Publications by Year in descending order

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Version: 2024-02-01

172
papers

2,832
citations

304368

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315357

38
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173
all docs

173
docs citations

173
times ranked

1839
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Information-Driven Path Planning for UAV With Limited Autonomy in Large-Scale Field Monitoring. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2450-2460. | 3.4 | 11 |
| 2 | Modelling and control of a knuckle boom crane. International Journal of Control, 2022, 95, 2420-2437. | 1.2 | 4 |
| 3 | Faster and Healthier Charging of Lithium-Ion Batteries via Constrained Feedback Control. IEEE Transactions on Control Systems Technology, 2022, 30, 1990-2001. | 3.2 | 7 |
| 4 | A Project-Based Learning Approach for Building an Affordable Control Teaching Lab: The Centrifugal Ring Positioner. IEEE Access, 2022, 10, 4907-4918. | 2.6 | 3 |
| 5 | A two-layer distributed MPC approach to thermal control of Multiprocessor Systems-on-Chip. Control Engineering Practice, 2022, 122, 105099. | 3.2 | 5 |
| 6 | Command Governors with Inexact Optimization and Without Invariance. Journal of Guidance, Control, and Dynamics, 2022, 45, 1523-1528. | 1.6 | 2 |
| 7 | Modelling ectotherms' populations considering physiological age structure and spatial motion: A novel approach. Ecological Informatics, 2022, 70, 101703. | 2.3 | 8 |
| 8 | New conditions for finite-time stability of impulsive dynamical systems via piecewise quadratic functions. IET Control Theory and Applications, 2022, 16, 1341-1351. | 1.2 | 2 |
| 9 | Low-Complexity Fast Charging Strategies Based on Explicit Reference Governors for Li-Ion Battery Cells. IEEE Transactions on Control Systems Technology, 2021, 29, 1597-1608. | 3.2 | 4 |
| 10 | Nonlinear MPC for Tracking for a Class of Nonconvex Admissible Output Sets. IEEE Transactions on Automatic Control, 2021, 66, 3726-3732. | 3.6 | 8 |
| 11 | Smart testing and selective quarantine for the control of epidemics. Annual Reviews in Control, 2021, 51, 540-550. | 4.4 | 11 |
| 12 | Review of Cyber-Physical Attacks in Smart Grids: A System-Theoretic Perspective. Electronics (Switzerland), 2021, 10, 1153. | 1.8 | 15 |
| 13 | Constrained Control with Communication Blackouts: Theory and Experimental Validation over Wi-Fi. , 2021, , . | | 0 |
| 14 | Nonlinear Model Predictive Control of a 5-DoFs Boom Crane. , 2021, , . | | 1 |
| 15 | Camera and inertial sensor fusion for the PnP problem: algorithms and experimental results. Machine Vision and Applications, 2021, 32, 1. | 1.7 | 2 |
| 16 | Reference dependent invariant sets: Sum of squares based computation and applications in constrained control. Automatica, 2021, 129, 109614. | 3.0 | 9 |
| 17 | Thrust vector control of constrained multibody systems. Automatica, 2021, 129, 109586. | 3.0 | 3 |
| 18 | Control of a multirobot bricklaying system. Advanced Control for Applications, 2021, 3, e90. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to <i>Drosophila suzukii</i> . <i>Ecological Modelling</i> , 2021, 456, 109673. | 1.2 | 11 |
| 20 | Local Decomposition of Kalman Filters and its Application for Secure State Estimation. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 5037-5044. | 3.6 | 10 |
| 21 | A distributed optimal power management system for microgrids with plug&play capabilities. <i>Advanced Control for Applications</i> , 2021, 3, . | 0.8 | 16 |
| 22 | MP-STSP: A Multi-Platform Steiner Traveling Salesman Problem Formulation for Precision Agriculture in Orchards. , 2021, , . | | 2 |
| 23 | On the effect of the number of tests and their time of application in tracing policies against COVID-19.. <i>IFAC-PapersOnLine</i> , 2021, 54, 157-162. | 0.5 | 2 |
| 24 | An Explicit Reference Governor for the Intersection of Concave Constraints. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1-11. | 3.6 | 29 |
| 25 | Constrained Control of Depth of Hypnosis During Induction Phase. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 2490-2496. | 3.2 | 10 |
| 26 | Output Admissible Sets and Reference Governors: Saturations Are Not Constraints!. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1192-1196. | 3.6 | 6 |
| 27 | Constrained Control of Linear Discrete-Time Systems Under Quartic Performance Criterion. , 2020, 4, 301-306. | | 1 |
| 28 | Reference Governor for Constrained Control Over Lossy Channels. , 2020, 4, 271-276. | | 4 |
| 29 | Suckers Emission Detection and Volume Estimation for the Precision Farming of Hazelnut Orchards. , 2020, , . | | 8 |
| 30 | Modeling, Simulation and Optimal Operation of Multi-Extraction Packed-Bed Thermal Storage Systems. <i>Energies</i> , 2020, 13, 2247. | 1.6 | 2 |
| 31 | Safety enforcement in closed-loop anesthesiaâ€”A comparison study. <i>Control Engineering Practice</i> , 2020, 105, 104653. | 3.2 | 4 |
| 32 | MPC strategies based on the equivalent hydraulic model for the fast charge of commercial Li-ion batteries. <i>Computers and Chemical Engineering</i> , 2020, 141, 107010. | 2.0 | 9 |
| 33 | A Navigation Architecture for Ackermann Vehicles in Precision Farming. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1103-1110. | 3.3 | 22 |
| 34 | Geodesic Approach for the Control of Tethered Quadrotors. <i>Journal of Guidance, Control, and Dynamics</i> , 2020, 43, 854-862. | 1.6 | 2 |
| 35 | Explicit Reference Governor for Constrained Maneuver and Shape Control of a Seven-State Multibody Aircraft. , 2020, , . | | 0 |
| 36 | Constraint Control of a Boom Crane System. , 2020, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
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| 37 | Modeling and Control of 5-DoF Boom Crane. , 2020, , . | | 9 |
| 38 | A New Reference Governor Strategy For Union of Linear Constraints. IFAC-PapersOnLine, 2020, 53, 5499-5504. | 0.5 | 1 |
| 39 | A comparison of low-complexity charging and balancing protocols with degradation awareness for a string of Li-ion cells. IFAC-PapersOnLine, 2020, 53, 11570-11576. | 0.5 | 0 |
| 40 | Carrier-vehicle system for delivery in city environments. IFAC-PapersOnLine, 2020, 53, 15253-15258. | 0.5 | 6 |
| 41 | Fast Charge of Li-ion Batteries using a Two-Layer Distributed MPC with Electro-Chemical and Thermal Constraints. , 2019, , . | | 2 |
| 42 | An Explicit Reference Governor Scheme for Closed-Loop Anesthesia. , 2019, , . | | 12 |
| 43 | Precision Stationary Flight of a Robotic Hummingbird. , 2019, , . | | 4 |
| 44 | A feedback charge strategy for Li-ion battery cells based on Reference Governor. Journal of Process Control, 2019, 83, 164-176. | 1.7 | 18 |
| 45 | Newton-based extremum seeking: A second-order Lie bracket approximation approach. Automatica, 2019, 105, 356-367. | 3.0 | 24 |
| 46 | Control of a quadrotor and a ground vehicle manipulating an object. Automatica, 2019, 105, 384-390. | 3.0 | 17 |
| 47 | Constrained Control of Linear Systems Subject to Combinations of Intersections and Unions of Concave Constraints. , 2019, 3, 571-576. | | 21 |
| 48 | MIMO tracking control of LTI systems: A geometric approach. Systems and Control Letters, 2019, 126, 8-20. | 1.3 | 1 |
| 49 | Feasibility and Detection of Replay Attack in Networked Constrained Cyber-Physical Systems. , 2019, , . | | 23 |
| 50 | A novel Observer-based Architecture for Water Management in Large-Scale (Hazelnut) Orchards. IFAC-PapersOnLine, 2019, 52, 62-69. | 0.5 | 10 |
| 51 | Extremum Seeking Algorithms based on Non-Commutative Maps. IFAC-PapersOnLine, 2019, 52, 688-693. | 0.5 | 3 |
| 52 | Constrained Extremum Seeking: a Modified-Barrier Function Approach. IFAC-PapersOnLine, 2019, 52, 694-699. | 0.5 | 5 |
| 53 | Scalar Reference Governor for Constrained Maneuver and Shape Control of Nonlinear Multibody Aircraft. IFAC-PapersOnLine, 2019, 52, 819-824. | 0.5 | 2 |
| 54 | Multi-mode Controller for Propellantless Spacecraft Translational Maneuvering Through Orientation Changes Only. IFAC-PapersOnLine, 2019, 52, 825-830. | 0.5 | 0 |

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| 55 | A Distributed Method for Linear Programming Problems With Box Constraints and Time-Varying Inequalities. , 2019, 3, 404-409. | | 21 |
| 56 | A general framework for approximated model stable inversion. Automatica, 2019, 101, 182-189. | 3.0 | 15 |
| 57 | Explicit Reference Governor for the Constrained Control of Linear Time-Delay Systems. IEEE Transactions on Automatic Control, 2019, 64, 2883-2889. | 3.6 | 10 |
| 58 | Decentralized progressive shape formation with robot swarms. Autonomous Robots, 2019, 43, 1505-1521. | 3.2 | 28 |
| 59 | Model-free Learning to Avoid Constraint Violations: An Explicit Reference Governor Approach. , 2019, , . | | 14 |
| 60 | The use of robotics devices in knee rehabilitation: a critical review. Muscles, Ligaments and Tendons Journal, 2019, 09, 21. | 0.1 | 5 |
| 61 | A Model Predictive Control Application for a Constrained Fast Charge of Lithium-ion Batteries. , 2019, , . | | 2 |
| 62 | Constrained Control in Three Dimensions via Explicit Reference Governor. Transactions of the Society of Instrument and Control Engineers, 2019, 55, 762-771. | 0.1 | 0 |
| 63 | On the solvability of the global monotonic tracking for subsets of output components. , 2019, , . | | 0 |
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| 65 | Sub-€optimal extremum seeking control for static maps. IET Control Theory and Applications, 2018, 12, 745-752. | 1.2 | 5 |
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| 67 | Constrained Control of Robotic Manipulators Using the Explicit Reference Governor. , 2018, , . | | 3 |
| 68 | A Distributed Reference Governor for High-Order LTI Swarm Systems. , 2018, , . | | 1 |
| 69 | Attitude Constrained Control on SO(3): An Explicit Reference Governor Approach. , 2018, , . | | 4 |
| 70 | A Distributed Swarm Aggregation Algorithm for Bar Shaped Multi-Agent Systems. , 2018, , . | | 4 |
| 71 | Tracking MPC with non-convex steady state admissible sets. IFAC-PapersOnLine, 2018, 51, 153-156. | 0.5 | 1 |
| 72 | Explicit Reference Governor Toolbox (ERGT). , 2018, , . | | 2 |

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| 73 | A Structural Approach to State-to-Output Decoupling. SIAM Journal on Control and Optimization, 2018, 56, 3816-3847. | 1.1 | 4 |
| 74 | On the Link Between Multi-Coloring Problems for Graphs and Distributed Supervision of Interconnected Systems. , 2018, , . | | 0 |
| 75 | Constrained control of free piston engine generator based on implicit reference governor. Science China Information Sciences, 2018, 61, 1. | 2.7 | 12 |
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| 77 | Constrained Control of UAVs in Geofencing Applications. , 2018, , . | | 43 |
| 78 | Nonlinear control of a tethered UAV: The taut cable case. Automatica, 2017, 78, 174-184. | 3.0 | 32 |
| 79 | Fast Reference Governor for Linear Systems. Journal of Guidance, Control, and Dynamics, 2017, 40, 461-465. | 1.6 | 7 |
| 80 | Parameter Governors for Coordinated Control of n-Spacecraft Formations. Journal of Guidance, Control, and Dynamics, 2017, 40, 3020-3025. | 1.6 | 6 |
| 81 | Reference and command governors for systems with constraints: A survey on theory and applications. Automatica, 2017, 75, 306-328. | 3.0 | 278 |
| 82 | Sub-Optimal Extremum Seeking Control * *This work is supported by the Fonds National de la Recherche Scientifique (FNRS) under Grant ASP 24923120 and under Grant MIS F.4526.17 â€œOptimization-free Control of Nonlinear Systems subject to Constraintsâ€œ. IFAC-PapersOnLine, 2017, 50, 7762-7768. | 0.5 | 2 |
| 83 | Secure Dynamic State Estimation by Decomposing Kalman Filter. IFAC-PapersOnLine, 2017, 50, 7351-7356. | 0.5 | 16 |
| 84 | Control of Fully Actuated Unmanned Aerial Vehicles with Actuator Saturation * *This research has been funded by the Mandats dâ€™Impulsion Scientifique â€œOptimization-free Control of Nonlinear Systems subject to Constraintsâ€œ of the Fonds de la Recherche Scientifique (FNRS), Ref. F452617F.. IFAC-PapersOnLine, 2017, 50, 12715-12720. | 0.5 | 17 |
| 85 | A Passivity-Based Distributed Reference Governor for Constrained Robotic Networks * *This work is supported by EM-EASED, FRIA, and JSPS KAK- ENHI Grant Number JP15H04019. The stay of Tam Nguyen in Tokyo Institute of Technology has been supported by the Erasmus Mundus EASED programme (Grant) Tj ETQq1 1 0.784314 3gBT /Ov | 0.5 | 3 |
| 86 | Computationally-efficient constrained control of the state-of-charge of a Li-ion battery cell. , 2017, , . | | 12 |
| 87 | Control of the State-of-Charge of a Li-ion Battery Cell via Reference Governor * *This work is performed in the framework of the BATWAL project financed by the Walloon region (Belgium).This research has been funded by the Mandats dâ€™Impulsion Scientifique "Optimization-free Control of Nonlinear Systems subject to Constraints" of the Fonds de la Recherche Scientifique (FNRS), Ref. F452617F.This research has been funded by Fonds pour la Formation Ã la Recherche dans lâ€™Industrie et dans lâ€™Agriculture (FRIA) of th. IFAC-PapersOnLine, 2017, 50, 13747-13753. | 0.5 | 7 |
| 88 | A new method for the row-by-row decoupling problem with pole assignment. , 2016, , . | | 0 |
| 89 | A geometric approach to constrained tracking control. , 2016, , . | | 0 |
| 90 | A robust explicit reference governor for constrained control of Unmanned Aerial Vehicles. , 2016, , . | | 21 |

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| 91 | An Explicit Reference Governor for the robust constrained control of nonlinear systems. , 2016, , . | | 10 |
| 92 | A leader-follower architecture for Load Frequency Control purposes against cyber attacks in power grids - Part II. , 2016, , . | | 5 |
| 93 | Secure dynamic state estimation via local estimators. , 2016, , . | | 30 |
| 94 | Time Shift Governor for Coordinated Control of Two Spacecraft Formations. IFAC-PapersOnLine, 2016, 49, 296-301. | 0.5 | 6 |
| 95 | A passivity-based approach for constrained mobile robotic networks. , 2016, , . | | 3 |
| 96 | A parallel distributed supervision strategy for multi-agent networked systems. Systems and Control Letters, 2016, 97, 115-124. | 1.3 | 3 |
| 97 | Control of a UAV and a UGV cooperating to manipulate an object. , 2016, , . | | 15 |
| 98 | Explicit Reference Governor for Constrained Nonlinear Systems. IEEE Transactions on Automatic Control, 2016, 61, 1379-1384. | 3.6 | 91 |
| 99 | Distributed Supervisory Strategies for Multi-agent Networked Systems. Studies in Systems, Decision and Control, 2016, , 411-427. | 0.8 | 0 |
| 100 | A Distributed Explicit Reference Governor for Constrained Control of Multiple UAVs—This work is supported by the FRIA scholarship grant CAT-AVIATOR.. IFAC-PapersOnLine, 2015, 48, 156-161. | 0.5 | 7 |
| 101 | Explicit reference governor for continuous time nonlinear systems subject to convex constraints. , 2015, , . | | 22 |
| 102 | Control of Euler-Lagrange systems subject to constraints: An Explicit Reference Governor approach. , 2015, , . | | 5 |
| 103 | Sufficient conditions for the stability of a class of second order systems. Systems and Control Letters, 2015, 84, 1-6. | 1.3 | 3 |
| 104 | Clock synchronization protocol for wireless sensor networks with bounded communication delays. Automatica, 2015, 59, 60-72. | 3.0 | 53 |
| 105 | Piecewise quadratic Lyapunov functions over conical partitions for robust stability analysis. International Journal of Robust and Nonlinear Control, 2015, 25, 2348-2361. | 2.1 | 6 |
| 106 | Linear matrix inequalities for globally monotonic tracking control. Automatica, 2015, 61, 173-177. | 3.0 | 20 |
| 107 | Distributed constrained connectivity control for proximity networks based on a receding horizon scheme. , 2015, , . | | 11 |
| 108 | Swarm aggregation with a multi-robot system composed of three robotic units: A closed form analysis. , 2014, , . | | 0 |

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| 110 | Nonlinear control of an actuated tethered airfoil. , 2014, , . | | 6 |
| 111 | Generalized Traveling Salesman Problem for Carrier-Vehicle Systems. Journal of Guidance, Control, and Dynamics, 2014, 37, 766-774. | 1.6 | 23 |
| 112 | On the use of IMUs in the PnP problem. , 2014, , . | | 5 |
| 113 | Reference and command governors: A tutorial on their theory and automotive applications. , 2014, , . | | 105 |
| 114 | Clock Synchronization in Wireless Sensor Network With Selective Convergence Rate for Event Driven Measurement Applications. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2279-2287. | 2.4 | 33 |
| 115 | Improved Feed-Forward Command Governor Strategies for Constrained Discrete-Time Linear Systems. IEEE Transactions on Automatic Control, 2014, 59, 216-223. | 3.6 | 13 |
| 116 | A Distributed Multi-Agent Command Governor Strategy for the Coordination of Networked Interconnected Systems. IEEE Transactions on Automatic Control, 2014, 59, 2099-2112. | 3.6 | 26 |
| 117 | On infinite-horizon sensor scheduling. Systems and Control Letters, 2014, 67, 65-70. | 1.3 | 31 |
| 118 | Scalability and Performance Improvement of Distributed Sequential Command Governor Strategies via Graph Colorability Theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9400-9405. | 0.4 | 9 |
| 119 | Taut Cable Control of a Tethered UAV. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3190-3195. | 0.4 | 43 |
| 120 | The Distributed Command Governor Approach in a Nutshell. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 259-274. | 0.3 | 5 |
| 121 | Clock synchronization for wireless sensor network with communication delay. , 2013, , . | | 21 |
| 122 | P3P and P2P problems with known camera and object vertical directions. , 2013, , . | | 3 |
| 123 | Wireless Sensor Networks Clock Synchronization with Selective Convergence Rate. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 146-151. | 0.4 | 5 |
| 124 | LQG control with Markovian packet loss. , 2013, , . | | 36 |
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| 127 | A parallel distributed coordination-by-constraint strategy for multi-agent networked systems. , 2012, , . | | 7 |
| 128 | Infinite-horizon sensor scheduling for estimation over lossy networks. , 2012, , . | | 7 |
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| 130 | Stochastic sensor scheduling in Wireless Sensor Networks with general graph topology. , 2012, , . | | 1 |
| 131 | A travelling salesman problem for a class of heterogeneous multi-vehicle systems. , 2012, , . | | 5 |
| 132 | A Distributed Parallel Command Governor Strategy for the Coordination of Multi-agent Networked Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 478-483. | 0.4 | 10 |
| 133 | A fast ellipsoidal MPC scheme for discrete-time polytopic linear parameter varying systems. Automatica, 2012, 48, 2620-2626. | 3.0 | 37 |
| 134 | LQG Control for MIMO Systems Over Multiple Erasure Channels With Perfect Acknowledgment. IEEE Transactions on Automatic Control, 2012, 57, 450-456. | 3.6 | 122 |
| 135 | Distributed Command Governor strategies for constrained coordination of multi-agent networked systems. , 2012, , . | | 19 |
| 136 | Robust Stability of linear uncertain systems through Piecewise Quadratic Lyapunov Functions defined over conical partitions. , 2012, , . | | 6 |
| 137 | Thermal models characterization for reliable temperature capping and performance optimization in Multiprocessor Systems on Chip. , 2012, , . | | 6 |
| 138 | Cooperative pose stabilization of an aerial vehicle through physical interaction with a team of ground robots. , 2012, , . | | 8 |
| 139 | Receding Horizon Control Strategies for Constrained LPV Systems Based on a Class of Nonlinearly Parameterized Lyapunov Functions. IEEE Transactions on Automatic Control, 2012, 57, 2354-2360. | 3.6 | 30 |
| 140 | Stochastic Sensor Scheduling for Energy Constrained Estimation in Multi-Hop Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2011, 56, 2489-2495. | 3.6 | 59 |
| 141 | Distributed Reference Management Strategies for Networked Water Distribution Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 8951-8956. | 0.4 | 5 |
| 142 | Sensorless supervision of linear dynamical systems: The Feed-Forward Command Governor approach. Automatica, 2011, 47, 1294-1303. | 3.0 | 27 |
| 143 | Distributed coordination-by-constraint strategies for multi-agent networked systems. , 2011, , . | | 9 |
| 144 | A liveness analysis of a distributed constrained coordination strategy for multi-agent linear systems. , 2011, , . | | 12 |

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| 145 | Distributed coordination-by-constraint strategies in networked multi-area power systems. , 2011, , . | | 5 |
| 146 | Traveling Salesman Problem for a Class of Carrier-Vehicle Systems. Journal of Guidance, Control, and Dynamics, 2011, 34, 1272-1276. | 1.6 | 24 |
| 147 | Improved Feed-Forward Command Governor strategies for discrete-time time-invariant linear systems. , 2011, , . | | 2 |
| 148 | Distributed Coordination Strategies for Interconnected Multi-Agent Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 403-408. | 0.4 | 7 |
| 149 | A FeedForward Command Governor Strategy for Constrained Linear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 1023-1028. | 0.4 | 1 |
| 150 | Planning Algorithms for a Class of Heterogeneous Multi-Vehicle Systems.. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 969-974. | 0.4 | 3 |
| 151 | LQG control over lossy TCP-like networks with probabilistic packet acknowledgements. International Journal of Systems, Control and Communications, 2010, 2, 55. | 0.2 | 41 |
| 152 | Switching control laws in the presence of measurement noise. Systems and Control Letters, 2010, 59, 353-364. | 1.3 | 7 |
| 153 | Fault-tolerant adaptive control allocation schemes for overactuated systems. International Journal of Robust and Nonlinear Control, 2010, 20, 1958-1980. | 2.1 | 101 |
| 154 | False data injection attacks against state estimation in wireless sensor networks. , 2010, , . | | 284 |
| 155 | A hierarchical approach to energy management in data centers. , 2010, , . | | 14 |
| 156 | Sensor scheduling for energy constrained estimation in multi-hop Wireless Sensor Networks. , 2010, , . | | 3 |
| 157 | Cooperative mission planning for a class of carrier-vehicle systems. , 2010, , . | | 10 |
| 158 | An off-line MPC scheme for discrete-time linear parameter varying systems. , 2009, , . | | 4 |
| 159 | Discontinuous control systems in the presence of measurement noise. , 2009, , . | | 0 |
| 160 | Set-points reconfiguration in networked multi-area electrical power systems. International Journal of Adaptive Control and Signal Processing, 2009, 23, 808-832. | 2.3 | 8 |
| 161 | Dilated model predictive control strategy for linear parameter-varying systems with a time-varying terminal set. IET Control Theory and Applications, 2009, 3, 110-120. | 1.2 | 13 |
| 162 | Distributed Coordination-by-Constraint Strategies for Networked Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 144-149. | 0.4 | 6 |

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| 163 | An Off-Line MPC Strategy for Nonlinear Systems Based on SOS Programming. Lecture Notes in Control and Information Sciences, 2009, , 491-499. | 0.6 | 9 |
| 164 | On the Effect of Packet Acknowledgment on the Stability and Performance of Networked Control Systems. Understanding Complex Systems, 2009, , 191-206. | 0.3 | 4 |
| 165 | Enhancing the actuator fault tolerance in autonomous overactuated vehicles via adaptive control allocation. , 2008, , . | | 9 |
| 166 | Cooperative path planning for a class of carrier-vehicle systems.. , 2008, , . | | 7 |
| 167 | LQG control over lossy TCP-like networks with probabilistic packet acknowledgements. , 2008, , . | | 22 |
| 168 | Adaptive fault tolerant actuator allocation for overactuated plants. Proceedings of the American Control Conference, 2007, , . | 0.0 | 19 |
| 169 | LQG control for distributed systems over TCP-like erasure channels. , 2007, , . | | 30 |
| 170 | New stabilizability conditions for discrete-time linear parameter varying systems. , 2007, , . | | 7 |
| 171 | A dilated MPC control strategy for LPV linear systems. , 2007, , . | | 1 |
| 172 | An improved predictive control strategy for polytopic LPV linear systems. , 2006, , . | | 14 |