# Mohamed Djemai

List of Publications by Year
in descending order



| 174 | 2,438 | 304602 22 | 276775 41 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 177 | 177 | 177 | 1577 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Leaderâ€follower fixedâ€time consensus for multiâ€agent systems with unknown nonâ€linear inherent dynamics. IET Control Theory and Applications, 2015, 9, 2165-2170. | 1.2 | 214 |
| 2 | On the robust fault detection via a sliding mode disturbance observer. International Journal of Control, 2004, 77, 622-629. | 1.2 | 139 |
| 3 | A New Control Strategy of an Electric-Power-Assisted Steering System. IEEE Transactions on Vehicular Technology, 2012, 61, 3574-3589. | 3.9 | 98 |
| 4 | Sliding mode observer for triangular input form. , 0, , . | | 91 |
| 5 | Exact differentiation and sliding mode observers for switched Lagrangian systems. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 1050-1069. | 0.6 | 83 |
| 6 | Nonlinear observer for autonomous switching systems with jumps. Nonlinear Analysis: Hybrid Systems, 2007, 1, 537-547. | 2.1 | 76 |
| 7 | Decentralized Motion Planning and Scheduling of AGVs in an FMS. IEEE Transactions on Industrial Informatics, 2018, 14, 1744-1752. | 7.2 | 76 |
| 8 | Fixedâ€time stabilisation and consensus of nonâ€holonomic systems. IET Control Theory and Applications, 2016, 10, 2497-2505. | 1.2 | 71 |
| 9 | Hybrid control of a multicellular converter. Nonlinear Analysis: Hybrid Systems, 2007, 1, 16-29. | 2.1 | 53 |
| 10 | Design and practical implementation of a back-EMF sliding-mode observer for a brushless DC motor. IET Electric Power Applications, 2008, 2, 353-361. | 1.1 | 53 |
| 11 | Robust finite time observer design for multicellular converters. International Journal of Systems Science, 2011, 42, 1859-1868. | 3.7 | 52 |
| 12 | Stability analysis of a class of uncertain switched systems on time scale using Lyapunov functions. Nonlinear Analysis: Hybrid Systems, 2015, 16, 13-23. | 2.1 | 51 |
| 13 | Adaptive sensor and actuator fault estimation for a class of uncertain Lipschitz nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2016, 30, 271-283. | 2.3 | 48 |
| 14 | Hybrid sliding mode observer for switched linear systems with unknown inputs. Journal of the Franklin Institute, 2014, 351, 3987-4008. | 1.9 | 47 |
| 15 | High-order sliding mode control of a DC motor drive via a switched controlled multi-cellular converter. International Journal of Systems Science, 2011, 42, 1869-1882. | 3.7 | 44 |
| 16 | Stability analysis of a class of switched linear systems on non-uniform time domains. Systems and Control Letters, 2014, 74, 24-31. | 1.3 | 32 |
| 17 | Robust pole placement controller design in LMI region for uncertain and disturbed switched systems. Nonlinear Analysis: Hybrid Systems, 2008, 2, 1136-1143. | 2.1 | 31 |
| 18 | Nonlinear Observer for Autonomous Switching Systems with Jumps. Lecture Notes in Control and Information Sciences, 2015, , 103-128. | 0.6 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Consensus for linear multi-agent system with intermittent information transmissions using the time-scale theory. International Journal of Control, 2016, 89, 210-220. | 1.2 | 31 |
| 20 | Observer design for some classes of uniformly observable nonlinear hybrid systems. Nonlinear Analysis: Hybrid Systems, 2012, 6, 917-929. | 2.1 | 29 |
| 21 | On the consensus tracking investigation for multi-agent systems on time scale via matrix-valued Lyapunov functions. Automatica, 2018, 97, 316-326. | 3.0 | 29 |
| 22 | Fault detection based on higherâ€order sliding mode observer for a class of switched linear systems. IET Control Theory and Applications, 2015, 9, 2249-2256. | 1.2 | 27 |
| 23 | State feedback stabilization of a class of uncertain nonlinear systems on non-uniform time domains. Systems and Control Letters, 2016, 97, 18-26. | 1.3 | 25 |
| 24 | Active modes and switching instants identification for linear switched systems based on Discrete Particle Swarm Optimization. Applied Soft Computing Journal, 2014, 14, 482-488. | 4.1 | 24 |
| 25 | Control strategy for fixed-time leaderâ€“follower consensus for multi-agent systems with chained-form dynamics. Nonlinear Dynamics, 2019, 96, 2693-2705. | 2.7 | 23 |
| 26 | IMPLICIT TRIANGULAR OBSERVER FORM DEDICATED TO A SLIDING MODE OBSERVER FOR SYSTEMS WITH UNKNOWN INPUTS. Asian Journal of Control, 2003, 5, 513-527. | 1.9 | 22 |
| 27 | Control of an Electric Power Assisted Steering system using reference model. , 2011, , . | | 22 |
| 28 | On the limit cycle stabilization of a DC/DC three-cell converter. Control Engineering Practice, 2016, 49, 29-41. | 3.2 | 22 |
| 29 | Fault detection and isolation for a multi-cellular converter based on sliding mode observer. IFAC-PapersOnLine, 2015, 48, 164-170. | 0.5 | 21 |
| 30 | Switched Control for Reducing Impact of Vertical Forces on Road and Heavy-Vehicle Rollover Avoidance. IEEE Transactions on Vehicular Technology, 2016, 65, 4044-4052. | 3.9 | 21 |
| 31 | Nonlinear control with flux observer for a singularly perturbed induction motor. , 0, , . | | 20 |
| 32 | Enlarging region of attraction via LMI-based approach and Genetic Algorithm. , 2011, , . | | 19 |
| 33 | A Lyapunov-based design of a modified super-twisting algorithm for the Heisenberg system. IMA Journal of Mathematical Control and Information, 2013, 30, 185-204. | 1.1 | 19 |
| 34 | Navigation Scheme with Priority-Based Scheduling of Mobile Agents: Application to AGV-Based Flexible Manufacturing System. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 82, 495-512. | 2.0 | 19 |
| 35 | Sufficient conditions for uniform exponential stability and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e70" altimg="si5.gif"><mml:mi>h</mml:mi></mml:math>-stability of some classes of dynamic equations on arbitrary time scales. Nonlinear Analysis: Hybrid Systems, 2019, 32, 54-64. | 2.1 | 19 |
| 36 | Finite-time stability and stabilization results for switched impulsive dynamical systems on time scales. Journal of the Franklin Institute, 2021, 358, 674-698. | 1.9 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Driver torque and road reaction force estimation of an Electric Power Assisted Steering using sliding mode observer with unknown inputs. , 2010, , . | | 18 |
| 38 | New MPPT algorithm for PV applications based on hybrid dynamical approach. Journal of Process Control, 2016, 48, 14-24. | 1.7 | 18 |
| 39 | Control of electric power assisted steering system using sliding mode control. , 2011, , . | | 17 |
| 40 | Ship motion control using multi-controller structure. Ocean Engineering, 2012, 55, 184-190. | 1.9 | 17 |
| 41 | Binary Control Design for a Class of Bilinear Systems: Application to a Multilevel Power Converter. IEEE Transactions on Control Systems Technology, 2016, 24, 719-726. | 3.2 | 16 |
| 42 | Discrete-time Normal Form for Left Invertibility Problem. European Journal of Control, 2009, 15, 194-204. | 1.6 | 15 |
| 43 | Observability quadratic normal form for discrete-time systems. IEEE Transactions on Automatic Control, 2005, 50, 1031-1038. | 3.6 | 14 |
| 44 | NEW TYPE OF DATA TRANSMISSION USING A SYNCHRONIZATION OF CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 207-223. | 0.7 | 14 |
| 45 | Binary signals design to control a power converter. , 2011, , . | | 14 |
| 46 | Instrumented steering wheel for biomechanical measurements. Mechatronics, 2012, 22, 639-650. | 2.0 | 14 |
| 47 | Enlarging the Domain of Attraction in Nonlinear Polynomial Systems. International Journal of Computers, Communications and Control, 2013, 8, 538. | 1.2 | 13 |
| 48 | Fixed-Time Fractional-Order Global Sliding Mode Control for Nonholonomic Mobile Robot Systems under External Disturbances. Fractal and Fractional, 2022, 6, 177. | 1.6 | 13 |
| 49 | Selfâ€triggered control for multiâ€agent systems with unknown nonâ€linear inherent dynamics. IET Control Theory and Applications, 2014, 8, 2266-2275. | 1.2 | 12 |
| 50 | Continuous and Discrete State Estimation for a Class of Nonlinear Switched Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 691-695. | 2.2 | 12 |
| 51 | Stability analysis of a class of switched nonlinear systems using the time scale theory. Nonlinear Analysis: Hybrid Systems, 2019, 33, 195-210. | 2.1 | 12 |
| 52 | Total controllability results for a class of timeâ€varying switched dynamical systems with impulses on time scales. Asian Journal of Control, 2022, 24, 474-482. | 1.9 | 12 |
| 53 | Nonlinear Sliding Observer for Systems in Output and Output Derivative Injection Form. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 2179-2184. | 0.4 | 11 |
| 54 | A multirate digital control via a discrete-time observer for non-linear singularly perturbed continuous-time systems. International Journal of Control, 2002, 75, 591-613. | 1.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | On finite time observer design for multicellular converter. , 2010, , . | | 11 |
| 56 | Fault detection & isolation for a class of hybrid systems: A dedicated switched robust observer scheme. , 2012, , . | | 11 |
| 57 | Investigation of the Driverâ€™s Arm Viscoelastic Properties During Steering Vehicle Maneuver. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1030-1036. | 5.9 | 11 |
| 58 | Mean square consensus of double-integrator multi-agent systems under intermittent control: A stochastic time scale approach. Journal of the Franklin Institute, 2019, 356, 9076-9094. | 1.9 | 11 |
| 59 | Distributed leaderâ€follower consensus for a class of semilinear secondâ€order multiagent systems using time scale theory. International Journal of Robust and Nonlinear Control, 2019, 29, 433-450. | 2.1 | 11 |
| 60 | Analysis and Control of Nonlinear Singularly Perturbed Systems under Sampling1 1The first part of this work concerning the discretization of NLSP systems was partially presented in the Ph.D. dissertation of N. Pantalos. Control and Dynamic Systems, 1996, , 203-246. | 0.1 | 10 |
| 61 | Exact steering and stabilization of a PVTOL aircraft. , 0, , . | | 9 |
| 62 | Digital multirate control for a class of non-linear singularly perturbed systems. International Journal of Control, 1999, 72, 851-865. | 1.2 | 9 |
| 63 | Cryptography by discrete-time hyperchaotic systems. , 0, , . | | 9 |
| 64 | Robust Observation of Tractor-trailer Vertical Forces Using Inverse Model and Exact Differentiator. SAE International Journal of Materials and Manufacturing, 0, 3, 278-289. | 0.3 | 9 |
| 65 | Hybrid observer for the multicellular converter*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 259-264. | 0.4 | 9 |
| 66 | Digital control of a PVTOL aircraft. , 0, , . | | 8 |
| 67 | Hybrid observer for switched linear systems with unknown inputs. , 2012, , . | | 8 |
| 68 | Control of a Grid Connected DFIG Based Wind Turbine Emulator. , 2018, , . | | 8 |
| 69 | Self adaptive learning scheme for early diagnosis of simple and multiple switch faults in multicellular power converters. ISA Transactions, 2021, 113, 222-231. | 3.1 | 8 |
| 70 | Distributed global fault detection scheme in multiâ€agent systems with chainedâ€form dynamics. International Journal of Robust and Nonlinear Control, 2021, 31, 3859-3877. | 2.1 | 8 |
| 71 | On the problem of fault detection and residual generation. , 0, , . | | 7 |
| 72 | Exact Differentiation via Sliding Mode Observer for Switched Systems. , 2006, , 124-129. | | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Optimal Control of Switched Linear Systems by Particle Swarm Optimization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 484-489. | 0.4 | 7 |
| 74 | Hybrid control design for limit cycle stabilisation of planar switched systems. International Journal of Control, 2018, 91, 1720-1729. | 1.2 | 7 |
| 75 | Development of a wireless communication platform for multiple-mobile robots using ROS. , 2018, , . | | 7 |
| 76 | Smooth manifolds and high order sliding mode control. , 0, , . | | 6 |
| 77 | High order sliding mode and adaptive observers for a class of switched systems with unknown parameter: A comparative study. , 2006, , . | | 6 |
| 78 | ROBUSTNESS ANALYSIS ON SLIDING MODE CONTROL OF INDUCTION MOTOR. Asian Journal of Control, 2003, 5, 605-613. | 1.9 | 6 |
| 79 | Variable gain sliding mode observer for heavy duty vehicle tyre forces estimation. , 2010, , . | | 6 |
| 80 | Driving simulation protocol to determine steering strategies. International Journal of Industrial Ergonomics, 2012, 42, 469-477. | 1.5 | 6 |
| 81 | Sensorless control of Electric Power Assisted Steering system. , 2012, , . | | 6 |
| 82 | Self-triggered control for multi-agent systems under a directed switching graph. , 2013, , . | | 6 |
| 83 | Active diagnosis for a class of switched systems. , 2013, , . | | 6 |
| 84 | Heavy duty vehicle tyre forces estimation using variable gain sliding mode observer. International Journal of Vehicle Design, 2013, 62, 274. | 0.1 | 6 |
| 85 | Hybrid state estimation for a class of switched system using Petri nets. , 2014, , . | | 6 |
| 86 | Razumikhin-type Theorems on Practical Stability of Dynamic Equations on Time Scales. IFAC-PapersOnLine, 2018, 51, 121-126. | 0.5 | 6 |
| 87 | A Distributed Observer-Based Cyber-Attack Identification Scheme in Cooperative Networked Systems under Switching Communication Topologies. Electronics (Switzerland), 2020, 9, 1912. | 1.8 | 6 |
| 88 | Fault diagnosis for discrete events systems described by partially observed Petri nets. ISA Transactions, 2022, 128, 220-228. | 3.1 | 6 |
| 89 | Multicellular Converter: A Benchmark for Control and Observation for Hybrid Dynamical Systems. Lecture Notes in Control and Information Sciences, 2015, , 293-313. | 0.6 | 6 |
| 90 | On sliding mode observer for hybrid three cells converter : Experimental results. , 2008, , . | | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | A backstepping procedure for a class of underactuated system with tree structure. , 2011, , . | | 5 |
| 92 | Traffic velocity control for evaluation the impact of gases emissions: Case study of toll plaza. , 2012, , . | | 5 |
| 93 | Virtual Prototyping of an Electric Power Steering Simulator. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 274-283. | 4.7 | 5 |
| 94 | Cooperation mechanisms in multi-agent robotic systems and their use in distributed manufacturing control: Issues and literature review. , 2014, , . | | 5 |
| 95 | Stability analysis of switched linear systems on non uniform time domain with unstable subsystems *<br>*This work has been supported by International Campus on Safety and Intermodality in Transportation, the European Community, the Regional Delegation for research and Technology, the Nord-Pas-de-Calais Region, the Ministry of Higher Education and Research and the National Center for Scientific Research under the ARCIR SUCRe, the UVHC BI-CFNes and PHC NUSANTARA project.. IFAC-PapersOnLine, 2017, 50, 14873-14878. | 0.5 | 5 |
| 96 | On the Local Stabilization of Hybrid Limit Cycles in Switched Affine Systems. IEEE Transactions on Automatic Control, 2018, , 1-1. | 3.6 | 5 |
| 97 | Results on abstract integro hybrid evolution system with impulses on time scales. Nonlinear Analysis: Hybrid Systems, 2021, 39, 100986. | 2.1 | 5 |
| 98 | Observer Based Leaderâ€“Follower Bipartite Consensus With Intermittent Failures Using Lyapunov Functions and Time Scale Theory. , 2021, 5, 1904-1909. | | 5 |
| 99 | Singularly perturbed method for the control design of a synchronous motor with its PWM inverter. , 0, , . | | 4 |
| 100 | Algorithms for Transformation into the Extended Jordan Controllable and observable forms. , 2009, , . | | 4 |
| 101 | Finite-time controller design for nonholonomic mobile robot using the heisenberg form. , 2010, , . | | 4 |
| 102 | Rack force feedback for an electrical power steering simulator. , 2012, , . | | 4 |
| 103 | On sliding mode observer for a hybrid three-cell converter. , 2013, , . | | 4 |
| 104 | Identification of human arm viscoelastic properties during vehicle steering maneuver. , 2014, , . | | 4 |
| 105 | Current configuration detection in hybrid systems: Application to a conjunctionâ€“disjunction mechatronics system. Mechatronics, 2014, 24, 1262-1268. | 2.0 | 4 |
| 106 | Region of exponential stability of switched linear systems on time scales**This work has been supported by International Campus on Safety and Intermodality in Transportation, the European Community, the Delegation Regionale a la Recherche et a la Technologie, the Ministere de l'Enseignement sup_erieur et de la Recherche, the Region Nord Pas de Calais and the Centre National de la Recherche Scienti_que.. IFAC-PapersOnLine, 2015, 48, 93-98. | 0.5 | 4 |
| 107 | The effects of haptic-virtual reality game therapy on brain-motor coordination for children with hemiplegia: A pilot study. , 2017, , . | | 4 |
| 108 | Some generalizations of Pachpatte inequalities on time scales. IFAC-PapersOnLine, 2017, 50, 14884-14889. | 0.5 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Rotor speed and flux nonlinear observer for speed sensorless induction motors. , 0, , . | | 3 |
| 110 | Some comments on higher order sliding modes. , 1999, , . | | 3 |
| 111 | A projector to design a passive-based feedback. , 0, , . | | 3 |
| 112 | On a sliding mode control and observer of induction motor. , 0, , . | | 3 |
| 113 | State observer and observability conditions for a class of hybrid continuous-discrete dynamic system. , 2007, , . | | 3 |
| 114 | On observability and High Order Sliding Mode and adaptive observers design for a multicell chopper. , 2008, , . | | 3 |
| 115 | Unknown input observation via sliding modes : application to vehicle contact forces. , 2009, , . | | 3 |
| 116 | Normal/tangential force proportion during steering under simulation condition. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 243-245. | 0.9 | 3 |
| 117 | Hybrid Bond Graphs for diagnosis of three cells converter. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 162-167. | 0.4 | 3 |
| 118 | Stability of switched linear systems on time scale. , 2013, , . | | 3 |
| 119 | State and firing sequence estimation of Petri Net application to: Manufacturing sysems. , 2013, , . | | 3 |
| 120 | Steering wheel hand position in low-speed maneuvers. Transportation Research Part F: Traffic Psychology and Behaviour, 2013, 21, 133-145. | 1.8 | 3 |
| 121 | Observer-based fault detection in induction machines. , 2014, , . | | 3 |
| 122 | Using discrete-time hyperchaotic-based asymmetric encryption and decryption keys for secure signal transmission. , 2014, , . | | 3 |
| 123 | Robust Observer Design of Tire Forces in Heavy-Duty Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3304-3312. | 4.7 | 3 |
| 124 | Time scale state feedback h-stabilisation of linear systems under Lipschitz-type disturbances. International Journal of Systems Science, 2021, 52, 1719-1729. | 3.7 | 3 |
| 125 | Time scale observability and constructibility of linear dynamic equations. International Journal of Control, 0, , 1-11. | 1.2 | 3 |
| 126 | A distributed fault detection scheme in disturbed heterogeneous networked systems. Nonlinear Dynamics, 2022, 107, 2519-2538. | 2.7 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Hybrid Modelling of a Multicellular Converter. , 2006, , . | | 2 |
| 128 | EXACT DIFFERENTIATION VIA SLIDING MODE OBSERVER FOR SWITCHED SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 124-129. | 0.4 | 2 |
| 129 | Fouling detection in heat exchangers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13368-13373. | 0.4 | 2 |
| 130 | Optimal hybrid vehicle, embedded data acquisition and tracking. , 2012, , . | | 2 |
| 131 | Comparison of steering forces of healthy versus disabled drivers under simulation condition. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 118-120. | 0.9 | 2 |
| 132 | Hybrid sliding mode control for two cells converter. , 2014, , . | | 2 |
| 133 | Observability and Observer Design of Partially Observed Petri Nets. IFAC-PapersOnLine, 2015, 48, 27-32. | 0.5 | 2 |
| 134 | On the use of the unified chaotic system in the field of secure communication. , 2015, , . | | 2 |
| 135 | Output observer for fault detection in linear systems. , 2016, , . | | 2 |
| 136 | Stability of switched systems on non-uniform time domains with non commuting matrices. IFAC-PapersOnLine, 2018, 51, 37-42. | 0.5 | 2 |
| 137 | Stability of Nonlinear Switched Systems on Non-uniform Time Domains with Application to Multi-Agents Consensus. , 2020, , . | | 2 |
| 138 | On the Observation Analysis and Observer Design for a Class of Hybrid Continuous-Discrete Dynamic System. Lecture Notes in Control and Information Sciences, 2015, , 129-149. | 0.6 | 2 |
| 139 | OBSERVER FOR HYBRID CHAOTIC SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 166-171. | 0.4 | 1 |
| 140 | Towards An Electrical Power-Assisted Steering Simulator : Modeling Specifications. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 571-576. | 0.4 | 1 |
| 141 | Backstepping/DTC control of a double star synchronous machine drive. Archives of Control Sciences, 2010, 20, 227-247. | 1.7 | 1 |
| 142 | Dynamics observation and parameters identification of heavy vehicle via second order sliding mode. , 2010, , . | | 1 |
| 143 | Introducing a method to compare the hand position of drivers under wheel steering task: preliminary results. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 91-93. | 0.9 | 1 |
| 144 | State estimation for a class of nonlinear switched systems using Petri Net. , 2012, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Discrete state estimation in hybrid photovoltaic systems. , 2012, , . | | 1 |
| 146 | Hybrid bond graph diagnostic and localisation - signal signature study of three-cell converter. , 2012, , . | | 1 |
| 147 | Failure components detection in discrete event systems modeled by Petri net. , 2013, , . | | 1 |
| 148 | Speed sensorless flux observer for induction machines. , 2014, , . | | 1 |
| 149 | Development of a data acquisition and tracking system for vehicles. , 2014, , . | | 1 |
| 150 | Analysis from robust control under environment constraint: application for traffic model. International Journal of Business Performance and Supply Chain Modelling, 2014, 6, 315. | 0.2 | 1 |
| 151 | Sliding mode observers for T-S fuzzy systems with application to sensor fault estimation. , 2015, , . | | 1 |
| 152 | Fault detection and diagnosis from a hybrid system point of view. , 2016, , . | | 1 |
| 153 | Encrypted audio communication design using synchronized discrete-time hyperchaotic maps. , 2016, , . | | 1 |
| 154 | A geometric approach to nonlinear fault detection and isolation in a hybrid three-cell converter. International Journal of Systems Science, 2019, 50, 1069-1088. | 3.7 | 1 |
| 155 | Experimental Implementation of Fixed-Time Leader-Follower Axial Alignment Tracking. , 2019, , . | | 1 |
| 156 | Time scale reachability and controllability of timeâ€varying linear systems. Asian Journal of Control, 0, , . | 1.9 | 1 |
| 157 | About Multirate Digital Control for Nonlinear Singularity Perturbed Continuous-Time Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 859-864. | 0.4 | 0 |
| 158 | Some Comments on the Control of Linear and Bilinear Singularly Perturbed Systems Under Fast Sampling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 1055-1060. | 0.4 | 0 |
| 159 | A PERTURBATION ESTIMATION TO SOLVE THE FUNDAMENTAL PROBLEM OF RESIDUAL GENERATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 223-228. | 0.4 | 0 |
| 160 | Discrete time normal form for the left invertibility problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 489-494. | 0.4 | 0 |
| 161 | SYNCHRONIZATION OF UNCERTAIN CHAOTIC SYSTEMS VIA BACKSTEPPING WITH MODULAR DESIGN. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 13-18. | 0.4 | 0 |
| 162 | Real time control via a high order sliding mode controller of a multi-cellular converter. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 346-351. | 0.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Identification of Autonomous Switched Linear Systems: A Particle Swarm Optimization approach. , 2010, , . | | 0 |
| 164 | Discrete-time synchronization of chaotic systems for secure communication. , 2012, , . | | 0 |
| 165 | Sliding mode observers for Takagi-Sugeno fuzzy models. , 2013, , . | | 0 |
| 166 | Analysis from robust control under environnement constraint. Application for traffic model. , 2013, , . | | 0 |
| 167 | PI observer gain optimization for fault detection with disturbance attenuation. , 2015, , . | | 0 |
| 168 | Asymptotic relationship between trajectories of nominal and uncertain nonlinear systems on time scales. , 2015, , . | | 0 |
| 169 | Active Diagnosis for Switched Systems Using Mealy Machine Modeling. , 2018, , 147-173. | | 0 |
| 170 | Output Observer for Fault Detection in Linear Systems under Disturbances. , 2018, , . | | 0 |
| 171 | Eventâ€“Triggered Control for Systems on Nonâ€“Uniform Time Domains Using Measure Chain Theory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1198-1202. | 2.2 | 0 |
| 172 | Observer based Leaderâ€“Follower Bipartite Consensus with Intermittent Failures using Lyapunov Functions and Time Scale Theory. , 2021, , . | | 0 |
| 173 | Commande non linÃ©aire en cascade par modes glissants de la machine asynchrone. Journal Europeen Des Systemes Automatises, 2003, 37, 1229-1250. | 0.3 | 0 |
| 174 | Observer-based output feedback consensus protocol for double-integrator multi-agent systems under intermittent sampled position measurements. IFAC-PapersOnLine, 2020, 53, 3025-3030. | 0.5 | 0 |