

Jean Jacques Loiseau

List of Publications by Year in descending order

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55
papers

734
citations

623188

14
h-index

580395

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g-index

58
all docs

58
docs citations

58
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional order adaptive high-gain controllers for a class of linear systems. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 707-714.	1.7	95
2	Max-Plus Control Design for Temporal Constraints Meeting in Timed Event Graphs. IEEE Transactions on Automatic Control, 2012, 57, 462-467.	3.6	64
3	Some geometric considerations about the Kronecker normal form. International Journal of Control, 1985, 42, 1411-1431.	1.2	48
4	Robust Fractional Adaptive Control Based on the Strictly Positive Realness Condition. International Journal of Applied Mathematics and Computer Science, 2009, 19, 69-76.	1.5	40
5	Assigning the Kronecker invariants of a matrix pencil by row or column completions. Linear Algebra and Its Applications, 1998, 278, 327-336.	0.4	38
6	An effective algorithm for finite spectrum assignment of single-input systems with delays. Mathematics and Computers in Simulation, 1998, 45, 339-348.	2.4	37
7	Fractional order adaptive controller for stabilised systems via high-gain feedback. IET Control Theory and Applications, 2013, 7, 822-828.	1.2	37
8	Sur la Modification de la Structure \tilde{A}^{∞} par un Retour D^{∞} Statique. SIAM Journal on Control and Optimization, 1988, 26, 251-273.	1.1	33
9	Duality Between Invariant Spaces for Max-Plus Linear Discrete Event Systems. SIAM Journal on Control and Optimization, 2010, 48, 5606-5628.	1.1	33
10	Fractional order extremum seeking approach for maximum power point tracking of photovoltaic panels. Frontiers in Energy, 2015, 9, 43-53.	1.2	29
11	Proportional and proportional-derivative canonical forms for descriptor systems with outputs. Automatica, 1994, 30, 847-864.	3.0	26
12	Adaptive Internal Model Control with fractional order parameter. International Journal of Adaptive Control and Signal Processing, 2010, 24, 944-960.	2.3	26
13	Algebraic Tools for the Control and Stabilization of Time-delay Systems. Annual Reviews in Control, 2000, 24, 135-149.	4.4	24
14	Constrained regulation of continuous Petri nets. Nonlinear Analysis: Hybrid Systems, 2009, 3, 738-748.	2.1	21
15	Exponential stability analysis of the drilling system described by a switched neutral type delay equation with nonlinear perturbations. , 2011, , .		21
16	A super-eigenvector approach to control constrained max-plus linear systems. , 2011, , .		15
17	Robust inventory control of production systems subject to uncertainties on demand and lead times. International Journal of Production Research, 2017, 55, 2177-2196.	4.9	13
18	Disturbance attenuation by dynamic output feedback for input-delay systems. Automatica, 2008, 44, 2202-2206.	3.0	12

#	ARTICLE	IF	CITATIONS
19	On the stability of hybrid difference-differential systems. <i>Differential Equations</i> , 2009, 45, 743-756.	0.1	12
20	A Temporised Conflict-Free Routing Policy for AGVs. <i>IFAC-PapersOnLine</i> , 2017, 50, 11169-11174.	0.5	12
21	Control of Linear Min-plus Systems under Temporal Constraints. , 0, , .		11
22	Reducing stick-slip oscillations in oilwell drillstrings. , 2009, , .		9
23	Simultaneous state and input reachability for linear time invariant systems. <i>Linear Algebra and Its Applications</i> , 2013, 439, 1415-1440.	0.4	8
24	On the Stability of Positive Difference Equations. <i>Lecture Notes in Control and Information Sciences</i> , 2012, , 19-33.	0.6	8
25	Applied Interval Computation: A New Approach for Time-Delays Systems Analysis. <i>Lecture Notes in Control and Information Sciences</i> , 2007, , 175-197.	0.6	7
26	On pole structure assignment in linear systems. <i>International Journal of Control</i> , 2009, 82, 1179-1192.	1.2	6
27	On Inventory Control For Perishable Inventory Systems Subject To Uncertainties On Customer Demands. <i>IFAC-PapersOnLine</i> , 2017, 50, 10172-10177.	0.5	5
28	On Stability of Uncertain Time-Delay Systems: Robustness Margin for the Inventory Control. <i>IFAC-PapersOnLine</i> , 2015, 48, 310-315.	0.5	4
29	Effects of inventory control on bullwhip in logistic systems under demand and lead time uncertainties. <i>IFAC-PapersOnLine</i> , 2015, 48, 266-271.	0.5	4
30	On-line compositional controller synthesis for AGV. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2016, 26, 583-610.	0.6	4
31	Inventory control of a class of logistic networks. <i>Systems and Control Letters</i> , 2021, 147, 104845.	1.3	4
32	Fractional order extremum seeking control. , 2014, , .		3
33	Necessary and Sufficient Conditions For The Stability Of Uncertain Input-Delayed Systems. <i>IFAC-PapersOnLine</i> , 2018, 51, 218-223.	0.5	3
34	Feedback realization of non-singular precompensators for linear systems over a polynomial ring. <i>International Journal of Systems Science</i> , 2003, 34, 523-528.	3.7	2
35	Quantitative analysis of continuous weighted marked graphs. <i>Nonlinear Analysis: Hybrid Systems</i> , 2008, 2, 1010-1020.	2.1	2
36	Implicit systems reachability: A geometric point of view. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
37	Robust stabilization of an elementary logistic system with an input delay. IFAC-PapersOnLine, 2020, 53, 4363-4368.	0.5	2
38	Synthesis of Nonregular Control Laws. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 703-708.	0.4	1
39	Proper Stable Factorizations for Time-Delay Systems the Multivariable Case. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 123-128.	0.4	1
40	Pole structure assignment via non-regular static state feedback. Automatica, 1999, 35, 1549-1555.	3.0	1
41	On a special case of model matching. International Journal of Control, 2004, 77, 164-172.	1.2	1
42	Stability Analysis of Fractional Adaptive High-Gain Controllers for a Class of Linear Systems General case. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	1
43	Realization of dynamical systems in scales of systems with aftereffect: I. Realizability. Differential Equations, 2006, 42, 1587-1595.	0.1	1
44	Some remarks on duality over a commutative ring. Mathematics and Computers in Simulation, 2008, 76, 375-387.	2.4	1
45	Shared resources in production systems: (max,+) analysis. International Journal of Mathematics in Operational Research, 2011, 3, 125.	0.1	1
46	On controller design for the inventory regulation problem in production systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1684-1689.	0.4	1
47	One step right inversion with stability: SISO case. , 2015, , .		1
48	Stabilization of Neutral Time-Delay Systems. Lecture Notes in Control and Information Sciences, 2009, , 209-219.	0.6	1
49	Polyhedral Invariance for Convolution Systems over the Callier-Desoer Class. Lecture Notes in Control and Information Sciences, 2017, , , 151-170.	0.6	1
50	Control by Set Invariance of a Class of Convolution Systems. Advances in Delays and Dynamics, 2022, , 51-69.	0.4	1
51	Some Remarks on Matrix Completion Problems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 119-124.	0.4	0
52	Realization of dynamical systems in scales of systems with aftereffect: II. Controllability. Observability. Minimality. Differential Equations, 2007, 43, 43-55.	0.1	0
53	Sufficiency conditions for pole assignment in column-regularizable implicit linear systems. , 2012, , .		0
54	Impact of uncertainties of lead times and expiration dates on the stability of inventory levels in a distribution system. IFAC-PapersOnLine, 2019, 52, 1984-1989.	0.5	0

#	ARTICLE	IF	CITATIONS
55	Étude et commande robuste de systèmes logistiques soumis à une demande inconnue bornée. Journal European Des Systemes Automatisés, 2016, 49, 703-723.	0.3	0