

JosÃ© SÃ¡nchez-Moreno

List of Publications by Year in descending order

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Version: 2024-02-01

244
papers

9,498
citations

34105

52
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46799

89
g-index

253
all docs

253
docs citations

253
times ranked

13101
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric delayed relay feedback identification based on the n -shifting approach. International Journal of Control, 2024, 97, 59-71.	1.9	1
2	Efficacy of an integrative approach for bipolar disorder: preliminary results from a randomized controlled trial. Psychological Medicine, 2022, 52, 4094-4105.	4.5	12
3	Functional Remediation for Older Adults with Bipolar Disorder (FROA-BD): Study protocol for a randomized controlled trial. Revista De PsiquiatrÃa Y Salud Mental, 2022, , .	1.8	2
4	Characterization of Limit Cycle Oscillations Induced by Fixed Threshold Samplers. IEEE Access, 2022, 10, 62581-62596.	4.2	3
5	Fitting of Generic Process Models by an Asymmetric Short Relay Feedback Experimentâ€”The n -Shifting Method. Applied Sciences (Switzerland), 2021, 11, 1651.	2.5	10
6	Does cognitive impairment in bipolar disorder impact on a SIMPLe app use?. Journal of Affective Disorders, 2021, 282, 488-494.	4.1	10
7	Full Real-Time Positioning and Attitude System Based on GNSS-RTK Technology. Sustainability, 2020, 12, 9796.	3.2	5
8	Can we save a marine species affected by a highly infective, highly lethal, waterborne disease from extinction?. Biological Conservation, 2020, 243, 108498.	4.1	43
9	Event-Based Control: A Bibliometric Analysis of Twenty Years of Research. IEEE Access, 2020, 8, 47188-47208.	4.2	20
10	Obtaining high preventive and resilience capacities in critical infrastructure by industrial automation cells. International Journal of Critical Infrastructure Protection, 2020, 29, 100355.	4.6	4
11	Validity of continuous tuning rules in event-based PI controllers using symmetric send-on-delta sampling: An experimental approach. Computers and Chemical Engineering, 2020, 139, 106878.	3.8	8
12	Effects of an integrative approach to bipolar disorders combining psychoeducation, mindfulness-based cognitive therapy and functional remediation: Study protocol for a randomized controlled trial. Revista De PsiquiatrÃa Y Salud Mental, 2020, 13, 165-173.	1.8	5
13	IdentificaciÃ³n de sistemas de primer y segundo orden mediante control basado en reset. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2020, 17, 116.	1.0	0
14	Validating Continuous Tuning Rules for Event-Based PI Control of Lag-Dominant Processes. IFAC-PapersOnLine, 2020, 53, 2789-2795.	0.9	0
15	A Master Course on Automatic Control Based on the Use of Online Labs. IFAC-PapersOnLine, 2020, 53, 17542-17547.	0.9	4
16	Lifetime Psychotic Symptoms, Subthreshold Depression and Cognitive Impairment as Barriers to Functional Recovery in Patients with Bipolar Disorder. Journal of Clinical Medicine, 2019, 8, 1046.	2.4	25
17	Effect of progesterone on the vaccination and immune response against Chlamydia abortus in sheep. Veterinary Immunology and Immunopathology, 2019, 213, 109887.	1.2	2
18	Using Server-Sent Events for Event-Based Control in Networked Control Systems. IFAC-PapersOnLine, 2019, 52, 260-265.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Using Server-Sent Events for Event-Based Control Laboratory Practices in Distance and Blended Learning. , 2019, , .		3
20	Identification and Tuning Methods for PI Control Systems Based on Symmetric Send-on-delta Sampling. International Journal of Control, Automation and Systems, 2019, 17, 2784-2795.	2.7	7
21	A Master Course on Automatic Control with Remote Labs. IFAC-PapersOnLine, 2019, 52, 48-49.	0.9	5
22	Improving Functioning, Quality of Life, and Well-being in Patients With Bipolar Disorder. International Journal of Neuropsychopharmacology, 2019, 22, 467-477.	2.1	64
23	Psychological profile of teenagers toward organ donation: a multicentric study in Spain. European Journal of Public Health, 2019, 29, 1011-1018.	0.3	10
24	Relationship between tumor-associated immune infiltrate and p16 staining over clinicopathological features in acral lentiginous melanoma. Clinical and Translational Oncology, 2019, 21, 1127-1134.	2.4	20
25	Spanish validation of the Barcelona TEMPS-A questionnaire in patients with bipolar disorder and general population. Journal of Affective Disorders, 2019, 249, 199-207.	4.1	11
26	Prognostic implications of residual disease tumor-infiltrating lymphocytes and residual cancer burden in triple-negative breast cancer patients after neoadjuvant chemotherapy. Annals of Oncology, 2019, 30, 236-242.	1.2	123
27	Role of leucocyte caspase-1 activity in epidural-related maternal fever: a single-centre, observational, mechanistic cohort study. British Journal of Anaesthesia, 2019, 122, 92-102.	3.4	27
28	Evaluation of Patient Satisfaction in a State Reference Center of Bipolar Disorder. Journal of Behavioral Health Services and Research, 2019, 46, 319-329.	1.4	2
29	LA TEORÍA GENERAL DE SISTEMAS COMO HERRAMIENTA DE INVESTIGACIÓN Y SOLUCIÓN ANTE LA CIBERSEGURIDAD EN SISTEMAS DE AUTOMATIZACIÓN INDUSTRIAL. Revista Internacional De Sistemas, 2019, 23, 16.	0.1	0
30	Enhanced Event-Based Identification Procedure for Process Control. Industrial & Engineering Chemistry Research, 2018, 57, 7218-7231.	3.7	16
31	Identification of process transfer function parameters in event-based PI control loops. ISA Transactions, 2018, 75, 157-171.	5.7	22
32	Development of an open experimentation tool based on JavaScript for the control of a four-tank plant. Computer Applications in Engineering Education, 2018, 26, 228-238.	3.4	2
33	Flipping the Remote Lab with Low Cost Rapid Prototyping Technologies. Lecture Notes in Networks and Systems, 2018, , 250-257.	0.7	2
34	Vortioxetina: una nueva alternativa en el trastorno depresivo mayor. Revista De Psiquiatría Y Salud Mental, 2018, 11, 48-59.	1.8	30
35	Online Shape Estimation based on Tactile Sensing and Deformation Modeling for Robot Manipulation. , 2018, , .		22
36	Experimental Study of Nonlinear PID Controllers in an Air Levitation System. IFAC-PapersOnLine, 2018, 51, 304-309.	0.9	12

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37	An Improved Relay-based Identification Approach based on Asymmetric Oscillations. IFAC-PapersOnLine, 2018, 51, 468-473.	0.9	3
38	Multi-element isotopic evolution of magmatic rocks from Caviahue-Copahue Volcanic Complex (Chile-Argentina): Involvement of mature slab recycled materials. Chemical Geology, 2018, 476, 370-388.	3.3	11
39	On the Fully Automation of the Vibrating String Experiment. Lecture Notes in Networks and Systems, 2018, , 469-482.	0.7	1
40	Treatment of Functional Impairment in Patients with Bipolar Disorder. Current Psychiatry Reports, 2017, 19, 3.	4.5	45
41	Do patients with bipolar disorder and subsyndromal symptoms benefit from functional remediation? A 12-month follow-up study. European Neuropsychopharmacology, 2017, 27, 350-359.	0.7	26
42	Behavioural activation training for depression. Lancet, The, 2017, 389, 367.	13.7	5
43	Maternal consumption of a cafeteria diet during lactation in rats leads the offspring to a thin-outside-fat-inside phenotype. International Journal of Obesity, 2017, 41, 1279-1287.	3.4	32
44	Cognitive Impairment in Bipolar Disorder: Treatment and Prevention Strategies. International Journal of Neuropsychopharmacology, 2017, 20, 670-680.	2.1	174
45	Transcriptome analysis in blood cells from children reveals potential early biomarkers of metabolic alterations. International Journal of Obesity, 2017, 41, 1481-1488.	3.4	20
46	Identification of Interleukin-27 (IL-27)/IL-27 Receptor Subunit Alpha as a Critical Immune Axis for <i>In Vivo</i> HIV Control. Journal of Virology, 2017, 91, .	3.4	18
47	PhotoBioLib: A Modelica library for modeling and simulation of large-scale photobioreactors. Computers and Chemical Engineering, 2017, 98, 12-20.	3.8	7
48	Short communication: Extended-spectrum cephalosporin-resistant Escherichia coli in colostrum from New Brunswick, Canada, dairy cows harbor blaCMY-2 and blaTEM resistance genes. Journal of Dairy Science, 2017, 100, 7901-7905.	3.4	8
49	cFertigUAL: A fertigation management app for greenhouse vegetable crops. Agricultural Water Management, 2017, 183, 186-193.	5.6	27
50	Two Mobile Robots Platforms for Experimentation: Comparison and Synthesis. , 2017, , .		2
51	Comparison of the<i>h</i>-Index Scores Among Pathogens Identified as Emerging Hazards in North America. Transboundary and Emerging Diseases, 2016, 63, 79-91.	3.0	12
52	Methods and Processes of Developing the Strengthening the Reporting of Observational Studies in Epidemiologyâ€™Veterinary (STROBE-Vet) Statement. Journal of Food Protection, 2016, 79, 2211-2219.	1.7	12
53	Assisted Creation and Deployment of Javascript Remote Experiments. International Journal of Online Engineering, 2016, 12, 22.	0.5	3
54	Prediction of the Efficacy of Antihistamines in Chronic Spontaneous Urticaria Based on Initial Suppression of the Histamine- Induced Wheal. Journal of Investigational Allergology and Clinical Immunology, 2016, 26, 177-184.	1.3	21

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55	Do labetalol and methylodopa have different effects on pregnancy outcome? Analysis of data from the Control of Hypertension In Pregnancy Study (CHIPS) trial. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 1143-1151.	2.3	63
56	Psychoeducation in bipolar disorder with a SIMPLe smartphone application: Feasibility, acceptability and satisfaction. Journal of Affective Disorders, 2016, 200, 58-66.	4.1	110
57	Methane hydroxylation by Methylosinus trichosporium OB3b: Monitoring the biocatalyst activity for methanol production optimization in an innovative membrane bioreactor. Biotechnology and Bioprocess Engineering, 2016, 21, 283-293.	2.6	13
58	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 12.	3.9	39
59	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 87.	3.9	39
60	Family functioning in bipolar disorder: Characteristics, congruity between patients and relatives, and clinical correlates. Psychiatry Research, 2016, 245, 66-73.	3.3	13
61	Analysis of Swine Movement in Four Canadian Regions: Network Structure and Implications for Disease Spread. Transboundary and Emerging Diseases, 2016, 63, e14-e26.	3.0	50
62	Computational micromechanics evaluation of the effect of fibre shape on the transverse strength of unidirectional composites: An approach to virtual materials design. Composites Part A: Applied Science and Manufacturing, 2016, 91, 484-492.	7.6	77
63	Distributed Event-Based Control for Interconnected Linear Systems. Springer Theses, 2016, , 81-106.	0.1	0
64	Easy creation and deployment of Javascript remote labs with EjsS and Moodle. , 2016, , .		5
65	Control of Hypertension In Pregnancy Study randomised controlled trial—are the results dependent on the choice of labetalol or methylodopa?. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 1135-1141.	2.3	17
66	Searches for scalar leptoquarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
67	Measurements of fiducial cross-sections for $t\bar{t}\hat{A}$ production with one or two additional b -jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
68	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \hat{A}^+ J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ \hat{A}^+ B_c^+ \hat{A}^+ J/\psi D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
69	Distributed adaptive control of linear multi-agent systems with event-triggered communications. Applied Mathematics and Computation, 2016, 274, 195-207.	2.2	20
70	One-Health Simulation Modelling: A Case Study of Influenza Spread between Human and Swine Populations using NAADSM. Transboundary and Emerging Diseases, 2016, 63, 36-55.	3.0	12
71	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s}=8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	3.9	197
72	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43

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73	Distributed control for large-scale systems with adaptive event-triggering. Journal of the Franklin Institute, 2016, 353, 735-756.	3.4	22
74	Sex differences after environmental enrichment and physical exercise in rats when solving a navigation task. Learning and Behavior, 2016, 44, 227-238.	1.0	15
75	Platform for Teaching Mobile Robotics. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 81, 131-143.	3.4	31
76	A new generation of online laboratories for teaching automatic control**This work has been funded by the National Plan Projects DPI2011-27818-C02-02 and DPI2012-31303 of the Spanish Ministry of Science and Innovation and FEDER funds.. IFAC-PapersOnLine, 2015, 48, 140-145.	0.9	5
77	Enhancing web-based labs in Moodle by providing automatic support for different types of files. , 2015, , .		0
78	Central Nervous System Idiopathic Inflammatory Demyelinating Disorders in South Americans: A Descriptive, Multicenter, Cross-Sectional Study. PLoS ONE, 2015, 10, e0127757.	2.5	38
79	Closed-Loop Automatic Tuning Technique for an Event-Based PI Controller. Industrial & Engineering Chemistry Research, 2015, 54, 6362-6370.	3.7	14
80	Search for $W' \rightarrow tb \rightarrow qqbb$ $W \rightarrow t' b \rightarrow qq$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35
81	An 8-mm diameter fibre robot positioner for massive spectroscopy surveys. Monthly Notices of the Royal Astronomical Society, 2015, 450, 794-806.	4.4	12
82	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. European Physical Journal C, 2015, 75, 407.	3.9	27
83	Event-based control for IPTD processes with simple tuning methods. , 2015, , .		1
84	An Event-based PI controller autotuning technique for integral processes. , 2015, , .		5
85	EJS, JIL Server, and LabVIEW: An Architecture for Rapid Development of Remote Labs. IEEE Transactions on Learning Technologies, 2015, 8, 393-401.	3.2	50
86	Intratracheal infection as an efficient route for testing vaccines against Chlamydia abortus in sheep. Veterinary Journal, 2015, 205, 393-398.	1.7	6
87	Search for resonant diboson production in the $\mathcal{E} \rightarrow q \bar{q}$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
88	Measurements of the $W W$ production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
89	Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	3.9	77
90	Self-monitoring and psychoeducation in bipolar patients with a smart-phone application (SIMPLE) project: design, development and studies protocols. BMC Psychiatry, 2015, 15, 52.	2.6	57

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91	Experimental and Theoretical Investigation of Distribution Equilibria and Kinetics of Copper(II) Extraction with LIX 84 I and TFA. Separation Science and Technology, 2015, 50, 1523-1531.	2.5	11
92	Leptin intake in suckling rats restores altered T3 levels and markers of adipose tissue sympathetic drive and function caused by gestational calorie restriction. International Journal of Obesity, 2015, 39, 959-966.	3.4	23
93	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
94	Characterization and tuning of predictive SSOD-PI controllers. , 2015, , .		1
95	Search for Higgs boson pair production in the $\bar{b}b b \hat{A}^- b \hat{A}^-$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
96	Determination of spin and parity of the Higgs boson in the $WW \rightarrow e \mu \nu u \bar{W} W \hat{A}^- \hat{A}^- e \hat{1}/2 \hat{1}/4 \hat{1}/2$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
97	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
98	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $\ell \ell / \ell \ell u / u u + b \bar{b} \hat{A}^- \hat{A}^- / \hat{A}^- \hat{A}^- / \hat{1}/2 \hat{1}/2 \hat{1}/2 + b \bar{b} \hat{A}^-$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
99	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	3.9	95
100	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 303.	3.9	70
101	TAS1R3 and UCN2 Transcript Levels in Blood Cells Are Associated With Sugary and Fatty Food Consumption in Children. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3556-3564.	3.6	19
102	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	3.9	174
103	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $\bar{b}b b \hat{A}^-$ in $\bar{p}p$ collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
104	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56
105	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2015, 75, 362.	3.9	36
106	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	3.9	42
107	Measurement of the top quark mass in the $t \rightarrow \ell \bar{\nu}_\ell + \text{jets}$ and $t \rightarrow \ell \bar{\nu}_\ell + \hat{A}^- \hat{A}^-$ dilepton channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
108	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	3.9	138

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109	e-HCL-32: a useful, valid and user friendly tool in the screening of bipolar II disorder. <i>Comprehensive Psychiatry</i> , 2015, 56, 283-288.	3.1	9
110	Cafeteria diet overfeeding in young male rats impairs the adaptive response to fed/fasted conditions and increases adiposity independent of body weight. <i>International Journal of Obesity</i> , 2015, 39, 430-437.	3.4	29
111	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2014, 74, 3130.	3.9	213
112	Event-Based PI Plus Feedforward Control Strategies for a Distributed Solar Collector Field. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 1615-1622.	5.2	25
113	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3117.	3.9	40
114	A measurement of the ratio of the production cross sections for WW and ZZ bosons in association with jets with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3168.	3.9	23
115	Measurement of the $t\bar{t}$ production cross-section using $e\bar{e}$ events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3109.	3.9	143
116	Design of event-based PI-P controllers using interactive tools. <i>Control Engineering Practice</i> , 2014, 32, 183-202.	5.5	9
117	An Interactive Tool for Outdoor Computer Controlled Cultivation of Microalgae in a Tubular Photobioreactor System. <i>Sensors</i> , 2014, 14, 4466-4483.	3.8	16
118	Tuning of symmetric sendâ€œonâ€œdelta proportionalâ€œintegral controllers. <i>IET Control Theory and Applications</i> , 2014, 8, 248-259.	2.1	35
119	Experimental analysis of a remote event-based PID controller in a flexible link system. , 2014, , .		4
120	Anticipative control design for output measurement in Internet-like Networks. , 2014, , .		2
121	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ in 2010. <i>European Physical Journal C</i> , 2014, 74, 3034.	3.9	58
122	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3134.	3.9	48
123	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3157.	3.9	68
124	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 3195.	3.9	46
125	Influence of breastfeeding on blood-cell transcript-based biomarkers of health in children. <i>Pediatric Obesity</i> , 2014, 9, 463-470.	2.8	16
126	Psychosocial interventions in bipolar disorder: What, for whom, and when. <i>Journal of Affective Disorders</i> , 2014, 156, 46-55.	4.1	159

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127	Syndromic surveillance using laboratory test requests: A practical guide informed by experience with two systems. Preventive Veterinary Medicine, 2014, 116, 313-324.	1.9	13
128	Specific active immunotherapy with a VEGF vaccine in patients with advanced solid tumors. Results of the CENTAURO antigen dose escalation phase I clinical trial. Vaccine, 2014, 32, 2241-2250.	3.8	43
129	Identification of early transcriptome-based biomarkers related to lipid metabolism in peripheral blood mononuclear cells of rats nutritionally programmed for improved metabolic health. Genes and Nutrition, 2014, 9, 366.	2.5	29
130	Making EJS applications at the OSP digital library available from Moodle. , 2014, , .		5
131	Two degree-of-freedom design for a send-on-delta sampling PI control strategy. Control Engineering Practice, 2014, 30, 55-66.	5.5	9
132	Chemical, mechanical and antibacterial properties of silver nanocluster/silica composite coated textiles for safety systems and aerospace applications. Applied Surface Science, 2014, 317, 131-139.	6.1	22
133	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7 \text{ TeV}$ pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
134	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	3.9	204
135	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
136	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
137	Distributed event-triggered control for non-reliable networks. Journal of the Franklin Institute, 2014, 351, 5250-5273.	3.4	32
138	Search for direct top squark pair production in events with a Z boson, b -jets and missing transverse momentum in $\sqrt{s} = 8 \text{ TeV}$ pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
139	A practical tuning methodology for event-based PI control. Journal of Process Control, 2014, 24, 278-295.	3.3	16
140	Distributed parameter estimation for adaptive event-triggered control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11685-11690.	0.4	2
141	Model correction mechanism for nonlinear time variant systems as support to predictive control strategies. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5975-5980.	0.4	1
142	Event-based PI controller with exponential thresholds. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 5766-5771.	0.4	3
143	An experimental framework to analyze limit cycles generated by event-based sampling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 9051-9056.	0.4	4
144	Change in the terpenoid profile and secondary growth in declining stands of <i>Pinus sylvestris</i> L. under mediterranean influence as a response to local factors. Pirineos, 2014, 169, e003.	0.6	2

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145	Web 2.0 Open Remote and Virtual Laboratories in Engineering Education. , 2014, , 559-580.		3
146	Characterization of limit cycles for self-regulating and integral processes with PI control and send-on-delta sampling. Journal of Process Control, 2013, 23, 826-838.	3.3	22
147	Validity and reliability of a rating scale on subjective cognitive deficits in bipolar disorder (COBRA). Journal of Affective Disorders, 2013, 150, 29-36.	4.1	116
148	Providing collaborative support to virtual and remote laboratories. IEEE Transactions on Learning Technologies, 2013, 6, 312-323.	3.2	71
149	A Mobile Robots Experimental Environment with Event-Based Wireless Communication. Sensors, 2013, 13, 9396-9413.	3.8	28
150	Distributed event-based control strategies for interconnected linear systems. IET Control Theory and Applications, 2013, 7, 877-886.	2.1	90
151	An automatic tuning procedure for an event-based PI controller. , 2013, , .		8
152	Reducing communication and actuation in distributed control systems. , 2013, , .		4
153	Stability analysis of symmetric send-on-delta event-based control systems. , 2013, , .		11
154	A Virtual Laboratory for Tubular Photobioreactors for Outdoor Microalgae Culture. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 297-302.	0.4	1
155	Building process control simulations with Easy Java Simulations elements. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 138-143.	0.4	2
156	Experimental study of two event-based PI controllers in a solar distributed collector field. , 2013, , .		2
157	Using Augmented Reality in Remote Laboratories. International Journal of Computers, Communications and Control, 2013, 8, 622.	1.8	15
158	Distributed event-triggered control with network delays and packet losses. , 2012, , .		38
159	A new two degree-of-freedom event-based PI control strategy. , 2012, , .		1
160	An Interactive Software Tool for the Study of Event-based PI Controller. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 164-169.	0.4	4
161	On the Stability of an Event-based PI Controller for FOPDT processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 436-441.	0.4	4
162	Synchronous Collaboration with Virtual and Remote Labs in Moodle. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 270-275.	0.4	3

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163	Decentralised control of a quadruple tank plant with a decoupled event-based strategy. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 424-429.	0.4	5
164	Characterization of symmetric send-on-delta PI controllers. Journal of Process Control, 2012, 22, 1930-1945.	3.3	74
165	Analysis of the limit cycles in the PI control of IPD processes with send-on-delta sampling. , 2012, , .		2
166	Multiagent Attitude Control System for Satellites Based in Momentum Wheels and Event-Driven Synchronization. Journal of the Astronautical Sciences, 2012, 59, 726-746.	1.5	4
167	An interactive simulator for networked mobile robots. IEEE Network, 2012, 26, 14-20.	6.9	3
168	Tuning rules for event-based SSOD-PI controllers. , 2012, , .		6
169	Physics Experiments at the UNEDLabs Portal. International Journal of Online and Biomedical Engineering, 2012, 8, 26.	1.4	6
170	Event-Based PID Control. Advances in Industrial Control, 2012, , 495-526.	0.5	20
171	AutomatL@bs Consortium. , 2012, , 206-225.		15
172	Web 2.0 Open Remote and Virtual Laboratories in Engineering Education. Advances in Higher Education and Professional Development Book Series, 2012, , 369-390.	0.2	2
173	Two web-based laboratories of the FisL@bs network: Hooke's and Snell's laws. European Journal of Physics, 2011, 32, 571-584.	0.6	33
174	On the presence of equilibrium points in PI control systems with send-on-delta sampling. , 2011, , .		13
175	Co-design strategy of networked control systems for treacherous network conditions. IET Control Theory and Applications, 2011, 5, 1906-1915.	2.1	16
176	A Network of Automatic Control Web-Based Laboratories. IEEE Transactions on Learning Technologies, 2011, 4, 197-208.	3.2	90
177	A two-degree-of-freedom PI controller based on events. Journal of Process Control, 2011, 21, 639-651.	3.3	90
178	Design of an event-based feedforward strategy for SOPTD processes. , 2011, , .		0
179	Distributed event-based control for interconnected linear systems. , 2011, , .		48
180	Functional Remediation for Bipolar Disorder. Clinical Practice and Epidemiology in Mental Health, 2011, 7, 112-116.	1.2	82

#	ARTICLE	IF	CITATIONS
181	Web-based Control Laboratory: The Ball and Beam System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 42, 174-179.	0.4	3
182	Application of Event-Based Sampling Strategies for Fusion Research. Fusion Science and Technology, 2010, 58, 666-674.	1.1	0
183	A packet-based network control system architecture for teleoperation and remote laboratories. , 2010, , .		2
184	Docencia en Automática: Aplicación de las TIC a la realización de actividades prácticas a través de Internet a la realización de actividades prácticas a través de Internet. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2010, 7, 35-45.	1.0	2
185	The Spanish University network of web-based laboratories for control engineering education: The AutomatL@bs project. , 2009, , .		3
186	Comparative study of event-based control strategies: An experimental approach on a simple tank. , 2009, , .		22
187	An event-based PI controller based on feedback and feedforward actions. , 2009, , .		4
188	On the Application of Different Event-Based Sampling Strategies to the Control of a Simple Industrial Process. Sensors, 2009, 9, 6795-6818.	3.8	63
189	Simulation of Greenhouse Climate Monitoring and Control with Wireless Sensor Network and Event-Based Control. Sensors, 2009, 9, 232-252.	3.8	119
190	Dynamic Clustering and Modeling Approaches for Fusion Plasma Signals. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2969-2978.	4.7	5
191	Web-Enabled Remote Scientific Environments. Computing in Science and Engineering, 2009, 11, 36-46.	1.2	32
192	Automated recognition system for ELM classification in JET. Fusion Engineering and Design, 2009, 84, 712-715.	1.9	4
193	The influence of event-based sampling techniques on data transmission and control performance. , 2009, , .		14
194	Neurocognitive Dysfunctions in Euthymic Bipolar Patients With and Without Prior History of Alcohol Use. Journal of Clinical Psychiatry, 2009, 70, 1120-1127.	2.2	67
195	First applications of structural pattern recognition methods to the investigation of specific physical phenomena at JET. Fusion Engineering and Design, 2008, 83, 467-470.	1.9	7
196	Structural pattern recognition methods based on string comparison for fusion databases. Fusion Engineering and Design, 2008, 83, 421-424.	1.9	6
197	Data mining technique for fast retrieval of similar waveforms in Fusion massive databases. Fusion Engineering and Design, 2008, 83, 132-139.	1.9	20
198	Functional impairment and previous suicide attempts in bipolar disorder. Acta Neuropsychiatrica, 2008, 20, 300-306.	2.1	14

#	ARTICLE	IF	CITATIONS
199	Impact of caregiver group psychoeducation on the course and outcome of bipolar patients in remission: a randomized controlled trial. <i>Bipolar Disorders</i> , 2008, 10, 511-519.	1.9	168
200	Development of a Web-Based Control Laboratory for Automation Technicians: The Three-Tank System. <i>IEEE Transactions on Education</i> , 2008, 51, 35-44.	2.4	121
201	Neurocognitive and clinical predictors of functional outcome in patients with schizophrenia and bipolar I disorder at one-year follow-up. <i>Journal of Affective Disorders</i> , 2008, 109, 286-299.	4.1	256
202	An Integrated Virtual and Remote Control Lab: The Three-Tank System as a Case Study. <i>Computing in Science and Engineering</i> , 2008, 10, 50-59.	1.2	31
203	Event-based control and wireless sensor network for greenhouse diurnal temperature control: A simulated case study. , 2008, , .		16
204	A Systematic Two-Layer Approach to Develop Web-Based Experimentation Environments for Control Engineering Education. <i>Intelligent Automation and Soft Computing</i> , 2008, 14, 505-524.	2.1	29
205	Classifier based on support vector machine for JET plasma configurations. <i>Review of Scientific Instruments</i> , 2008, 79, 10F326.	1.3	3
206	Developing and Implementing Virtual and Remote Labs for Control Education: The UNED pilot experience. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 8159-8164.	0.4	12
207	Recent results on structural pattern recognition for Fusion massive databases. , 2007, , .		4
208	Validity and reliability of the Functioning Assessment Short Test (FAST) in bipolar disorder. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2007, 3, 5.	1.2	605
209	Dynamic Clustering and Neuro-Fuzzy Identification for the Analysis of Fusion Plasma Signals. , 2007, , .		1
210	Two criteria for On-line Detection of Oscillations in Nuclear Fusion Experiments. , 2007, , .		0
211	Web-based learning resources for vocational training on control and measurement systems: The AutoTECH project. , 2007, , .		2
212	WEB-BASED LEARNING RESOURCES FOR VOCATIONAL TRAINING FOR AUTOMATION TECHNICIANS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 141-146.	0.4	3
213	Automated clustering procedure for TJ-II experimental signals. <i>Fusion Engineering and Design</i> , 2006, 81, 1987-1991.	1.9	7
214	Searching for patterns in TJ-II time evolution signals. <i>Fusion Engineering and Design</i> , 2006, 81, 1993-1997.	1.9	14
215	Search and retrieval of plasma wave forms: Structural pattern recognition approach. <i>Review of Scientific Instruments</i> , 2006, 77, 10F514.	1.3	18
216	Information Retrieval and Classification with Wavelets and Support Vector Machines. <i>Lecture Notes in Computer Science</i> , 2005, , 548-557.	1.3	5

#	ARTICLE	IF	CITATIONS
217	WEB-BASED VIRTUAL LAB AND REMOTE EXPERIMENTATION USING EASY JAVA SIMULATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 103-108.	0.4	13
218	The learning of control concepts using interactive tools. Computer Applications in Engineering Education, 2005, 13, 84-98.	3.4	59
219	Development of an XML-Based Lab for Remote Control Experiments on a Servo Motor. International Journal of Electrical Engineering and Education, 2005, 42, 173-184.	0.8	20
220	Neuropsychological disturbances and cerebral blood flow in bipolar disorder. Australian and New Zealand Journal of Psychiatry, 2005, 39, 227-234.	2.3	12
221	Magnetic levitation system: a virtual lab in "easy Java simulation". , 2004, , .		7
222	TJ-II wave forms analysis with wavelets and support vector machines. Review of Scientific Instruments, 2004, 75, 4254-4257.	1.3	23
223	A Java/Matlab-Based Environment for Remote Control System Laboratories: Illustrated With an Inverted Pendulum. IEEE Transactions on Education, 2004, 47, 321-329.	2.4	137
224	Electron cyclotron emission radiometer upgrade on the Joint European Torus (JET) tokamak. Review of Scientific Instruments, 2004, 75, 3831-3833.	1.3	68
225	Cognitive Function Across Manic or Hypomanic, Depressed, and Euthymic States in Bipolar Disorder. American Journal of Psychiatry, 2004, 161, 262-270.	7.2	943
226	XPC, XPD/ERCC2, UMPS, CYP1b1 and XRCC5, single nucleotide polymorphisms (SNPs) in head and neck cancer. Journal of Clinical Oncology, 2004, 22, 5588-5588.	1.6	2
227	XPC, XPD/ERCC2, UMPS, CYP1b1 and XRCC5, single nucleotide polymorphisms (SNPs) in head and neck cancer. Journal of Clinical Oncology, 2004, 22, 5588-5588.	1.6	0
228	The Role of Interactivity in Control Learning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 1-12.	0.4	31
229	Integrating a Web-Based Laboratory into a Reusability-Oriented Framework. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 85-90.	0.4	0
230	Virtual and remote control labs using Java: a qualitative approach. IEEE Control Systems, 2002, 22, 8-20.	0.8	95
231	Conceptual Learning of Control by Java-Based Simulations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 167-172.	0.4	9
232	First plasmas in the TJ-II flexible Helic. Plasma Physics and Controlled Fusion, 1999, 41, A539-A548.	2.1	109
233	Adding interactivity to existing Simulink models using Easy Java Simulations. , 0, , .		23
234	Interactive 3D Simulation of Flat Systems: The SpiderCrane as a Case Study. , 0, , .		6

#	ARTICLE	IF	CITATIONS
235	Study of Event-based Sampling Techniques and Their Influence on Greenhouse Climate Control with Wireless Sensors Network. , 0, , .		2
236	Teaching Control supported by Virtual Labs under a Competency-based curriculum. , 0, , .		0
237	Distributed formation control with time and connectivity constraints. , 0, , .		0
238	Una regla de sintonía no estándar para controladores PI por eventos. , 0, , .		0
239	Transfer function parameters estimation by symmetric send-on-delta sampling. , 0, , .		0
240	An estimation approach for process control based on asymmetric oscillations. , 0, , .		0
241	An estimation approach for autotuning of event-based PI control systems. , 0, , .		0
242	Sistemas de conocimiento por experimentación real mediante células de automatización industrial. , 0, , .		0
243	Entorno de experimentación para laboratorios en línea: el caso del péndulo de Furuta. , 0, , .		0
244	AutomatL@bs Consortium. , 0, , 679-699.		1