

JosÃ© SÃ¡nchez-Moreno

List of Publications by Year in descending order

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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	Cognitive Function Across Manic or Hypomanic, Depressed, and Euthymic States in Bipolar Disorder. American Journal of Psychiatry, 2004, 161, 262-270.	7.2	943
2	Validity and reliability of the Functioning Assessment Short Test (FAST) in bipolar disorder. Clinical Practice and Epidemiology in Mental Health, 2007, 3, 5.	1.2	605
3	Neurocognitive and clinical predictors of functional outcome in patients with schizophrenia and bipolar I disorder at one-year follow-up. Journal of Affective Disorders, 2008, 109, 286-299.	4.1	256
4	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
5	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	3.9	213
6	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
7	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s}=8\text{ TeV}$ in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	3.9	197
8	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
9	Cognitive Impairment in Bipolar Disorder: Treatment and Prevention Strategies. International Journal of Neuropsychopharmacology, 2017, 20, 670-680.	2.1	174
10	Impact of caregiver group psychoeducation on the course and outcome of bipolar patients in remission: a randomized controlled trial. Bipolar Disorders, 2008, 10, 511-519.	1.9	168
11	Psychosocial interventions in bipolar disorder: What, for whom, and when. Journal of Affective Disorders, 2014, 156, 46-55.	4.1	159
12	Measurement of the $t\bar{t}$ production cross-section using $t\bar{t}e\bar{\nu}_e$ events with b -tagged jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
13	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
14	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
15	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
16	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
17	Development of a Web-Based Control Laboratory for Automation Technicians: The Three-Tank System. IEEE Transactions on Education, 2008, 51, 35-44.	2.4	121
18	Simulation of Greenhouse Climate Monitoring and Control with Wireless Sensor Network and Event-Based Control. Sensors, 2009, 9, 232-252.	3.8	119

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19	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
20	Psychoeducation in bipolar disorder with a SIMPLe smartphone application: Feasibility, acceptability and satisfaction. Journal of Affective Disorders, 2016, 200, 58-66.	4.1	110
21	First plasmas in the TJ-II flexible Helic. Plasma Physics and Controlled Fusion, 1999, 41, A539-A548.	2.1	109
22	Searches for scalar leptoquarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
23	Virtual and remote control labs using Java: a qualitative approach. IEEE Control Systems, 2002, 22, 8-20.	0.8	95
24	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
25	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
26	A Network of Automatic Control Web-Based Laboratories. IEEE Transactions on Learning Technologies, 2011, 4, 197-208.	3.2	90
27	A two-degree-of-freedom PI controller based on events. Journal of Process Control, 2011, 21, 639-651.	3.3	90
28	Distributed event-based control strategies for interconnected linear systems. IET Control Theory and Applications, 2013, 7, 877-886.	2.1	90
29	Search for Higgs boson pair production in the $\bar{b}b$ final state from pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
30	Functional Remediation for Bipolar Disorder. Clinical Practice and Epidemiology in Mental Health, 2011, 7, 112-116.	1.2	82
31	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
32	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
33	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
34	Characterization of symmetric send-on-delta PI controllers. Journal of Process Control, 2012, 22, 1930-1945.	3.3	74
35	Search for resonant diboson production in the $\ell\ell q\bar{q}$ final state in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74
36	Providing collaborative support to virtual and remote laboratories. IEEE Transactions on Learning Technologies, 2013, 6, 312-323.	3.2	71

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37	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
38	Electron cyclotron emission radiometer upgrade on the Joint European Torus (JET) tokamak. Review of Scientific Instruments, 2004, 75, 3831-3833.	1.3	68
39	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	3.9	68
40	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
41	Improving Functioning, Quality of Life, and Well-being in Patients With Bipolar Disorder. International Journal of Neuropsychopharmacology, 2019, 22, 467-477.	2.1	64
42	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
43	Do labetalol and methyl dopa 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
44	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
45	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $u\bar{u} + b\bar{b}$ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
46	The learning of control concepts using interactive tools. Computer Applications in Engineering Education, 2005, 13, 84-98.	3.4	59
47	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	3.9	58
48	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
49	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
50	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
51	Measurements of fiducial cross-sections for $t\bar{t}$ 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
52	Measurement of the top quark mass in the $t\rightarrow \text{lepton} + \text{jets}$ and $t\rightarrow \text{dilepton}$ channels using $\sqrt{s}=7$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
53	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
54	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

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55	Distributed event-based control for interconnected linear systems. , 2011, , .		48
56	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
57	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	3.9	46
58	Treatment of Functional Impairment in Patients with Bipolar Disorder. Current Psychiatry Reports, 2017, 19, 3.	4.5	45
59	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
60	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
61	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
62	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
63	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	3.9	40
64	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{t} J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ \hat{t}^+ J/\psi D_s^+ \hat{t}^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
65	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
66	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
67	Distributed event-triggered control with network delays and packet losses. , 2012, , .		38
68	Central Nervous System Idiopathic Inflammatory Demyelinating Disorders in South Americans: A Descriptive, Multicenter, Cross-Sectional Study. PLoS ONE, 2015, 10, e0127757.	2.5	38
69	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
70	Tuning of symmetric sendon-delta proportional-integral controllers. IET Control Theory and Applications, 2014, 8, 248-259.	2.1	35
71	Search for $W' \rightarrow tb \rightarrow qqbb$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	3.9	35
72	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

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73	Web-Enabled Remote Scientific Environments. <i>Computing in Science and Engineering</i> , 2009, 11, 36-46.	1.2	32
74	Distributed event-triggered control for non-reliable networks. <i>Journal of the Franklin Institute</i> , 2014, 351, 5250-5273.	3.4	32
75	Maternal consumption of a cafeteria diet during lactation in rats leads the offspring to a thin-outside-fat-inside phenotype. <i>International Journal of Obesity</i> , 2017, 41, 1279-1287.	3.4	32
76	The Role of Interactivity in Control Learning. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003, 36, 1-12.	0.4	31
77	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
78	Platform for Teaching Mobile Robotics. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2016, 81, 131-143.	3.4	31
79	Vortioxetina: una nueva alternativa en el trastorno depresivo mayor. <i>Revista De Psiquiatr�a Y Salud Mental</i> , 2018, 11, 48-59.	1.8	30
80	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
81	Identification of early transcriptome-based biomarkers related to lipid metabolism in peripheral blood mononuclear cells of rats nutritionally programmed for improved metabolic health. <i>Genes and Nutrition</i> , 2014, 9, 366.	2.5	29
82	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
83	A Mobile Robots Experimental Environment with Event-Based Wireless Communication. <i>Sensors</i> , 2013, 13, 9396-9413.	3.8	28
84	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015, 75, 407.	3.9	27
85	cFertigUAL: A fertigation management app for greenhouse vegetable crops. <i>Agricultural Water Management</i> , 2017, 183, 186-193.	5.6	27
86	Role of leucocyte caspase-1 activity in epidural-related maternal fever: a single-centre, observational, mechanistic cohort study. <i>British Journal of Anaesthesia</i> , 2019, 122, 92-102.	3.4	27
87	Do patients with bipolar disorder and subsyndromal symptoms benefit from functional remediation? A 12-month follow-up study. <i>European Neuropsychopharmacology</i> , 2017, 27, 350-359.	0.7	26
88	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
89	Lifetime Psychotic Symptoms, Subthreshold Depression and Cognitive Impairment as Barriers to Functional Recovery in Patients with Bipolar Disorder. <i>Journal of Clinical Medicine</i> , 2019, 8, 1046.	2.4	25
90	TJ-II wave forms analysis with wavelets and support vector machines. <i>Review of Scientific Instruments</i> , 2004, 75, 4254-4257.	1.3	23

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91	Adding interactivity to existing Simulink models using Easy Java Simulations. , 0, , .		23
92	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	3.9	23
93	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
94	Comparative study of event-based control strategies: An experimental approach on a simple tank. , 2009, , .		22
95	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
96	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
97	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
98	Distributed control for large-scale systems with adaptive event-triggering. Journal of the Franklin Institute, 2016, 353, 735-756.	3.4	22
99	Identification of process transfer function parameters in event-based PI control loops. ISA Transactions, 2018, 75, 157-171.	5.7	22
100	Online Shape Estimation based on Tactile Sensing and Deformation Modeling for Robot Manipulation. , 2018, , .		22
101	Determination of spin and parity of the Higgs boson in the $W \rightarrow e \mu \nu_e W \rightarrow \tau^+ e \tau^-$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
102	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
103	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
104	Data mining technique for fast retrieval of similar waveforms in Fusion massive databases. Fusion Engineering and Design, 2008, 83, 132-139.	1.9	20
105	Distributed adaptive control of linear multi-agent systems with event-triggered communications. Applied Mathematics and Computation, 2016, 274, 195-207.	2.2	20
106	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
107	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
108	Event-Based Control: A Bibliometric Analysis of Twenty Years of Research. IEEE Access, 2020, 8, 47188-47208.	4.2	20

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109	Event-Based PID Control. <i>Advances in Industrial Control</i> , 2012, , 495-526.	0.5	20
110	TAS1R3andUCN2Transcript Levels in Blood Cells Are Associated With Sugary and Fatty Food Consumption in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3556-3564.	3.6	19
111	Search and retrieval of plasma wave forms: Structural pattern recognition approach. <i>Review of Scientific Instruments</i> , 2006, 77, 10F514.	1.3	18
112	Identification of Interleukin-27 (IL-27)/IL-27 Receptor Subunit Alpha as a Critical Immune Axis for <i>In Vivo</i> HIV Control. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
113	Control of Hypertension In Pregnancy Study randomised controlled trialâ€”are the results dependent on the choice of labetalol or methyldopa?. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 1135-1141.	2.3	17
114	Event-based control and wireless sensor network for greenhouse diurnal temperature control: A simulated case study. , 2008, , .		16
115	Co-design strategy of networked control systems for treacherous network conditions. <i>IET Control Theory and Applications</i> , 2011, 5, 1906-1915.	2.1	16
116	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
117	Influence of breastfeeding on bloodâ€™cell transcriptâ€™based biomarkers of health in children. <i>Pediatric Obesity</i> , 2014, 9, 463-470.	2.8	16
118	A practical tuning methodology for event-based PI control. <i>Journal of Process Control</i> , 2014, 24, 278-295.	3.3	16
119	Enhanced Event-Based Identification Procedure for Process Control. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7218-7231.	3.7	16
120	Sex differences after environmental enrichment and physical exercise in rats when solving a navigation task. <i>Learning and Behavior</i> , 2016, 44, 227-238.	1.0	15
121	Using Augmented Reality in Remote Laboratories. <i>International Journal of Computers, Communications and Control</i> , 2013, 8, 622.	1.8	15
122	AutomatL@bs Consortium. , 2012, , 206-225.		15
123	Searching for patterns in TJ-II time evolution signals. <i>Fusion Engineering and Design</i> , 2006, 81, 1993-1997.	1.9	14
124	Functional impairment and previous suicide attempts in bipolar disorder. <i>Acta Neuropsychiatrica</i> , 2008, 20, 300-306.	2.1	14
125	The influence of event-based sampling techniques on data transmission and control performance. , 2009, , .		14
126	Closed-Loop Automatic Tuning Technique for an Event-Based PI Controller. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6362-6370.	3.7	14

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127	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
128	On the presence of equilibrium points in PI control systems with send-on-delta sampling. , 2011, , .		13
129	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
130	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
131	Methane hydroxylation by <i>Methylosinus trichosporium</i> 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
132	Family functioning in bipolar disorder: Characteristics, congruity between patients and relatives, and clinical correlates. Psychiatry Research, 2016, 245, 66-73.	3.3	13
133	Developing and Implementing Virtual and Remote Labs for Control Education: The UNED pilot experience. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 8159-8164.	0.4	12
134	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
135	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
136	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
137	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
138	Experimental Study of Nonlinear PID Controllers in an Air Levitation System. IFAC-PapersOnLine, 2018, 51, 304-309.	0.9	12
139	Efficacy of an integrative approach for bipolar disorder: preliminary results from a randomized controlled trial. Psychological Medicine, 2022, 52, 4094-4105.	4.5	12
140	Neuropsychological disturbances and cerebral blood flow in bipolar disorder. Australian and New Zealand Journal of Psychiatry, 2005, 39, 227-234.	2.3	12
141	Stability analysis of symmetric send-on-delta event-based control systems. , 2013, , .		11
142	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
143	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
144	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

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145	Psychological profile of teenagers toward organ donation: a multicentric study in Spain. <i>European Journal of Public Health</i> , 2019, 29, 1011-1018.	0.3	10
146	Fitting of Generic Process Models by an Asymmetric Short Relay Feedback Experimentâ€™The n-Shifting Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1651.	2.5	10
147	Does cognitive impairment in bipolar disorder impact on a SIMPLe app use?. <i>Journal of Affective Disorders</i> , 2021, 282, 488-494.	4.1	10
148	Conceptual Learning of Control by Java-Based Simulations. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2000, 33, 167-172.	0.4	9
149	Design of event-based PI-P controllers using interactive tools. <i>Control Engineering Practice</i> , 2014, 32, 183-202.	5.5	9
150	Two degree-of-freedom design for a send-on-delta sampling PI control strategy. <i>Control Engineering Practice</i> , 2014, 30, 55-66.	5.5	9
151	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
152	An automatic tuning procedure for an event-based PI controller. , 2013, , .		8
153	Short communication: Extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> in colostrum from New Brunswick, Canada, dairy cows harbor blaCMY-2 and blaTEM resistance genes. <i>Journal of Dairy Science</i> , 2017, 100, 7901-7905.	3.4	8
154	Validity of continuous tuning rules in event-based PI controllers using symmetric send-on-delta sampling: An experimental approach. <i>Computers and Chemical Engineering</i> , 2020, 139, 106878.	3.8	8
155	Magnetic levitation system: a virtual lab in "easy Java simulation". , 2004, , .		7
156	Automated clustering procedure for TJ-II experimental signals. <i>Fusion Engineering and Design</i> , 2006, 81, 1987-1991.	1.9	7
157	First applications of structural pattern recognition methods to the investigation of specific physical phenomena at JET. <i>Fusion Engineering and Design</i> , 2008, 83, 467-470.	1.9	7
158	PhotoBioLib: A Modelica library for modeling and simulation of large-scale photobioreactors. <i>Computers and Chemical Engineering</i> , 2017, 98, 12-20.	3.8	7
159	Identification and Tuning Methods for PI Control Systems Based on Symmetric Send-on-delta Sampling. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2784-2795.	2.7	7
160	Interactive 3D Simulation of Flat Systems: The SpiderCrane as a Case Study. , 0, , .		6
161	Structural pattern recognition methods based on string comparison for fusion databases. <i>Fusion Engineering and Design</i> , 2008, 83, 421-424.	1.9	6
162	Tuning rules for event-based SSOD-PI controllers. , 2012, , .		6

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164	Intratracheal infection as an efficient route for testing vaccines against Chlamydia abortus in sheep. Veterinary Journal, 2015, 205, 393-398.	1.7	6
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