

Ruben Heradio

List of Publications by Year in descending order

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67
papers

1,421
citations

471061

17
h-index

344852

36
g-index

71
all docs

71
docs citations

71
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Using IoT-Type Metadata and Smart Web Design to Create User Interfaces Automatically. IEEE Transactions on Industrial Informatics, 2023, 19, 3109-3118.	7.2	7
2	A bibliometric analysis of 10 years of research on symptom networks in psychopathology and mental health. Psychiatry Research, 2022, 308, 114380.	1.7	9
3	A bibliometric analysis of off-line handwritten document analysis literature (1990â€“2020). Pattern Recognition, 2022, 125, 108513.	5.1	4
4	Uniform and scalable sampling of highly configurable systems. Empirical Software Engineering, 2022, 27, 1.	3.0	11
5	Methods for identifying biomedical translation: a systematic review.. American Journal of Translational Research (discontinued), 2022, 14, 2697-2708.	0.0	0
6	Product Optimization in Stepwise Design. Lecture Notes in Computer Science, 2021, , 63-81.	1.0	1
7	Inconsistency-Tolerating Guidance for Software Engineering Processes. , 2021, , .		5
8	Automated Support for Battle Operationalâ€“Strategic Decision-Making. Mathematics, 2021, 9, 1534.	1.1	1
9	Monte Carlo tree search for feature model analyses. , 2021, , .		5
10	Evidence-Based Control Engineering Education: Evaluating the LCSD Simulation Tool. IEEE Access, 2020, 8, 170183-170194.	2.6	8
11	Using Extended Logical Primitives for Efficient BDD Building. Mathematics, 2020, 8, 1253.	1.1	4
12	Group Decision-Making Based on Artificial Intelligence: A Bibliometric Analysis. Mathematics, 2020, 8, 1566.	1.1	7
13	Event-Based Control: A Bibliometric Analysis of Twenty Years of Research. IEEE Access, 2020, 8, 47188-47208.	2.6	20
14	Uniform and scalable SAT-sampling for configurable systems. , 2020, , .		13
15	Rough Sets: A Bibliometric Analysis from 2014 to 2018. , 2020, , .		1
16	Supporting the Statistical Analysis of Variability Models. , 2019, , .		10
17	Automated Assessment of Computer Programming Practices: The 8-Years UNED Experience. IEEE Access, 2019, 7, 130113-130119.	2.6	23
18	A Kconfig Translation to Logic with One-Way Validation System. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Automated Assessment and Monitoring Support for Competency-Based Courses. IEEE Access, 2019, 7, 41043-41051.	2.6	18
20	Looking Over the Research Literature on Software Engineering from 2016 to 2018. Procedia Computer Science, 2019, 162, 712-719.	1.2	0
21	PuzzlEx: an Online Experimentation Environment for Control Engineering Labs. , 2019, , .		6
22	Customized Online Laboratory Experiments: A General Tool and Its Application to the Furuta Inverted Pendulum [Focus on Education]. IEEE Control Systems, 2019, 39, 75-87.	1.0	24
23	Web Experimentation on Virtual and Remote Laboratories. Lecture Notes in Networks and Systems, 2018, , 205-219.	0.5	0
24	Open-Source Hardware in Education: A Systematic Mapping Study. IEEE Access, 2018, 6, 72094-72103.	2.6	22
25	The experiment editor: supporting inquiry-based learning with virtual labs. European Journal of Physics, 2017, 38, 035702.	0.3	12
26	Conducting Online Lab Experiments with Blockly. IFAC-PapersOnLine, 2017, 50, 13474-13479.	0.5	6
27	Blockly experiments for EjsS laboratories. , 2017, , .		3
28	Automated experiments on EjsS laboratories. , 2016, , .		2
29	Virtual Control Labs Experimentation: The Water Tank System. IFAC-PapersOnLine, 2016, 49, 87-92.	0.5	7
30	Virtual and remote labs in control education: A survey. Annual Reviews in Control, 2016, 42, 1-10.	4.4	136
31	A bibliometric analysis of 20 years of research on software product lines. Information and Software Technology, 2016, 72, 1-15.	3.0	60
32	Virtual and remote labs in education: A bibliometric analysis. Computers and Education, 2016, 98, 14-38.	5.1	353
33	Augmenting measure sensitivity to detect essential, dispensable and highly incompatible features in mass customization. European Journal of Operational Research, 2016, 248, 1066-1077.	3.5	64
34	Performing Automated Experiments with EjsS Laboratories. IFAC-PapersOnLine, 2015, 48, 134-139.	0.5	0
35	Enhancing web-based labs in Moodle by providing automatic support for different types of files. , 2015, , .		0
36	Efficient Identification of Core and Dead Features in Variability Models. IEEE Access, 2015, 3, 2333-2340.	2.6	8

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37	The Ball and Beam System: A Case Study of Virtual and Remote Lab Enhancement With Moodle. IEEE Transactions on Industrial Informatics, 2015, 11, 934-945.	7.2	94
38	A Science Mapping Analysis of the Literature on Software Product Lines. Communications in Computer and Information Science, 2015, , 242-251.	0.4	3
39	Speeding up Derivative Configuration from Product Platforms. Entropy, 2014, 16, 3329-3356.	1.1	53
40	Making EJS applications at the OSP digital library available from Moodle. , 2014, , .		5
41	A Scalable Approach to Exact Model and Commonality Counting for Extended Feature Models. IEEE Transactions on Software Engineering, 2014, 40, 895-910.	4.3	18
42	Direction Kernels: using a simplified 3D model representation for grasping. Machine Vision and Applications, 2013, 24, 351-370.	1.7	2
43	A fuzzy linguistic model to evaluate the quality of Library 2.0 functionalities. International Journal of Information Management, 2013, 33, 642-654.	10.5	35
44	Providing collaborative support to virtual and remote laboratories. IEEE Transactions on Learning Technologies, 2013, 6, 312-323.	2.2	71
45	A Virtual and Remote Control Laboratory in Moodle: The Ball and Beam System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 72-77.	0.4	9
46	A LITERATURE REVIEW ON FEATURE DIAGRAM PRODUCT COUNTING AND ITS USAGE IN SOFTWARE PRODUCT LINE ECONOMIC MODELS. International Journal of Software Engineering and Knowledge Engineering, 2013, 23, 1177-1204.	0.6	14
47	An Optimization Software Tool for Performance/Robustness Analysis and Tuning of PID Controllers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 126-131.	0.4	4
48	A Domain Engineering Approach to Increase Productivity in the Development of a Service for Changes Notification of the Configuration Management Database. Journal of Software Engineering and Applications, 2013, 06, 207-220.	0.8	1
49	Cost Models and Productivity Building Applications Based on the Notification of Changes in Databases. Software Engineering (Science Publishing Group), 2013, 1, 7.	0.2	0
50	Managing RFID Sensors Networks with a General Purpose RFID Middleware. Sensors, 2012, 12, 7719-7737.	2.1	20
51	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
52	A review of quality evaluation of digital libraries based on users'™ perceptions. Journal of Information Science, 2012, 38, 269-283.	2.0	63
53	Exemplar driven development of software product lines. Expert Systems With Applications, 2012, 39, 12885-12896.	4.4	56
54	Physics Experiments at the UNEDLabs Portal. International Journal of Online and Biomedical Engineering, 2012, 8, 26.	0.9	6

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55	Improving the accuracy of COPLIMO to estimate the payoff of a software product line. Expert Systems With Applications, 2012, 39, 7919-7928.	4.4	60
56	A SCADA oriented middleware for RFID technology. Expert Systems With Applications, 2012, 39, 11115-11124.	4.4	5
57	Evaluaci3n de la Privacidad de una Red Social Virtual. RISTI - Revista Iberica De Sistemas E Tecnologias De Informacao, 2012, .	0.1	0
58	Supporting commonality-based analysis of software product lines. IET Software, 2011, 5, 496.	1.5	10
59	Understanding the role of conceptual relations in Word Sense Disambiguation. Expert Systems With Applications, 2011, 38, 9506-9516.	4.4	11
60	DEPCAS: An industrial approach to RFID middleware. , 2010, , .		1
61	Code Generation with the Exemplar Flexibilization Language. Electronic Notes in Theoretical Computer Science, 2009, 238, 25-34.	0.9	2
62	Man Machine Interface in RFID Middleware: DEPCAS User Interface. , 2009, , .		1
63	A first-generation software product line for data acquisition systems in astronomy. Proceedings of SPIE, 2008, , .	0.8	1
64	A GENERATIVE APPROACH TO IMPROVE THE ABSTRACTION LEVEL TO BUILD APPLICATIONS BASED ON THE NOTIFICATION OF CHANGES IN DATABASES. , 2008, , .		4
65	Implementing EPCIS with DEPCAS RFID Middleware. , 2008, , .		1
66	Machine Learning for Software Engineering: a Bibliometric Analysis from 2015 to 2019. , 0, , .		1
67	Teaching Control supported by Virtual Labs under a Competency-based curriculum. , 0, , .		0