Juan C Vidal

List of Publications by Year
in descending order

43 papers	352 citations	933447 10 h-index	940533 16 g-index
44 all docs	44 docs citations	44 times ranked	396 citing authors

#	Article	IF	Citations
1	A Conformance Checking-based Approach for Sudden Drift Detection in Business Processes. IEEE Transactions on Services Computing, 2022, , 1-1.	4.6	4
2	Deep Learning for Predictive Business Process Monitoring: Review and Benchmark. IEEE Transactions on Services Computing, 2022, , 1-1.	4.6	25
3	Towards high-level fuzzy control specifications for building automation systems. Software and Systems Modeling, 2020, 19, 625-646.	2.7	0
4	Collective disambiguation in entity linking based on topic coherence in semantic graphs. Knowledge-Based Systems, 2020, 199, 105967.	7.1	8
5	Application of Functional Data Analysis for the Prediction of Maximum Heart Rate. IEEE Access, 2019, 7, 121841-121852.	4.2	9
6	A 6-minute sub-maximal run test to predict VO_2max. Journal of Sports Sciences, 2018, 36, 2531-2536.	2.0	10
7	Ontology-based approach for the validation and conformance testing of xAPI events. Knowledge-Based Systems, 2018, 155, 22-34.	7.1	6
8	Characterizing Quantifier Fuzzification Mechanisms: A behavioral guide for applications. Fuzzy Sets and Systems, 2018, 345, 1-23.	2.7	6
9	Comparative study of xAPI validation tools. , 2017, , .		1
10	Recompiling learning processes from event logs. Knowledge-Based Systems, 2016, 100, 160-174.	7.1	14
11	SmartLAK: A big data architecture for supporting learning analytics services. , 2015, , .		19
12	Semantic Description of the Experience API Specification. , 2015, , .		8
13	Integration of grid, cluster and cloud resources to semantically annotate a large€sized repository of learning objects. Concurrency Computation Practice and Experience, 2015, 27, 4603-4629.	2.2	4
14	Graph-based semantic annotation for enriching educational content with linked data. Knowledge-Based Systems, 2014, 55, 29-42.	7.1	30
15	SoftLearn: A Process Mining Platform for the Discovery of Learning Paths. , 2014, , .		15
16	A fuzzy syllogistic reasoning schema for generalized quantifiers. Fuzzy Sets and Systems, 2014, 234, 79-96.	2.7	19
17	Learning Analytics Framework for Educational Virtual Worlds. Procedia Computer Science, 2013, 25, 443-447.	2.0	34
18	A Petri net model for changing units of learning in runtime. Knowledge-Based Systems, 2013, 41, 26-42.	7.1	5

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19	A practical experience concerning the parallel semantic annotation of a large-scale data collection. , 2013, , .		2
20	An Optimal and Complete Algorithm for Automatic Web Service Composition. International Journal of Web Services Research, 2012, 9, 1-20.	0.8	29
21	Semantic Integration of Social Information in Learning Systems. , 2012, , .		2
22	Toward the use of Petri nets for the formalization of OWL-S choreographies. Knowledge and Information Systems, 2012, 32, 629-665.	3.2	7
23	Petri net-based engine for adaptive learning. Expert Systems With Applications, 2012, 39, 12799-12813.	7.6	10
24	Combining Uncorrelated Similarity Measures for Service Discovery. Lecture Notes in Computer Science, 2012, , 160-180.	1.3	1
25	Semantic Linking of a Learning Object Repository to DBpedia. , 2011, , .		7
26	Dynamic Adaptation in OPENET4LD. , 2011, , .		2
27	Machine scheduling in custom furniture industry through neuro-evolutionary hybridization. Applied Soft Computing Journal, 2011, 11, 1600-1613.	7.2	18
28	An evolutionary approach for learning the weight of relations in linked data. , 2011, , .		1
29	Simplified Workflow Representation of IMS Learning Design. Lecture Notes in Computer Science, 2011, , 533-546.	1.3	1
30	Semantic Annotation of Educational Resources through Linked Data. Lecture Notes in Computer Science, 2011, , 311-320.	1.3	3
31	OPENET: Ontology-based engine for high-level Petri nets. Expert Systems With Applications, 2010, 37, 6493-6509.	7.6	14
32	OPENET4VE: A Platform for the Execution of IMS LD Units of Learning in Virtual Environments. , 2010, , .		4
33	Knowledge-Based Framework for Workflow Modelling: Application to the Furniture Industry. Lecture Notes in Computer Science, 2010, , 175-184.	1.3	0
34	Processing time estimations by variable structure TSK rules learned through genetic programming. Soft Computing, 2009, 13, 497-509.	3.6	10
35	OPENET LD: An Ontology-Based Petri Net Engine to Execute IMS LD Units of Learning. , 2009, , .		4
36	Processing times estimation in a manufacturing industry through genetic programming. , 2008, , .		5

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37	Hybrid Approach for Machine Scheduling Optimization in Custom Furniture Industry. , 2008, , .		2
38	Application of Petri Nets on the Execution of IMS Learning Design Documents. Lecture Notes in Computer Science, 2008, , 461-466.	1.3	3
39	An Adaptive Evolutionary Algorithm for Production Planning in Wood Furniture Industry. , 2006, , .		3
40	A Workflow Modeling Framework Enhanced with Problem-Solving Knowledge. Lecture Notes in Computer Science, 2006, , 623-632.	1.3	3
41	Workflow-based information system for furniture budgeting. , 0, , .		3
42	Plataforma de ServiÃ§os Inteligentes de Learning Analytics para grandes quantidades de dados. , 0, , .		0
43	DescriÃ§Ã£o semÃ¢ntica de experiÃªncia de aprendizagem baseada na especificaÃ§Ã£o xAPI. , 0, , .		0