

Juan Llorens

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

506
citations

933447

10
h-index

752698

20
g-index

54
all docs

54
docs citations

54
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework to measure and improve the quality of textual requirements. Requirements Engineering, 2013, 18, 25-41.	3.1	83
2	Towards an ontology-based retrieval of UML Class Diagrams. Information and Software Technology, 2012, 54, 72-86.	4.4	52
3	Decision support system for forest fire protection in the Euro-Mediterranean region. European Journal of Forest Research, 2012, 131, 597-608.	2.5	35
4	Mapping UML Associations into Java Code.. Journal of Object Technology, 2003, 2, 135.	0.9	35
5	A methodology for the classification of quality of requirements using machine learning techniques. Information and Software Technology, 2015, 67, 180-195.	4.4	33
6	Requirements Verification in the Industry. , 2012, , 145-160.		26
7	The meaning of multiplicity of n-ary associations in UML. Software and Systems Modeling, 2002, 1, 86-97.	2.7	22
8	RSHP: an information representation model based on relationships. Studies in Fuzziness and Soft Computing, 2004, , 221-253.	0.8	21
9	Digging into Use Case Relationships. Lecture Notes in Computer Science, 2002, , 115-127.	1.3	13
10	Patterns as objects to manage knowledge in software development organizations. Knowledge Management Research and Practice, 2012, 10, 252-274.	4.1	10
11	OSLCâ€œKM: A knowledge management specification for OSLCâ€œbased resources. In cose International Symposium, 2015, 25, 16-34.	0.6	10
12	An analysis of safety evidence management with the Structured Assurance Case Metamodel. Computer Standards and Interfaces, 2017, 50, 179-198.	5.4	10
13	Semantics of the Minimum Multiplicity in Ternary Associations in UML. Lecture Notes in Computer Science, 2001, , 329-341.	1.3	10
14	Towards Effective SysML Model Reuse. , 2017, , .		10
15	UML Associations: A Structural and Contextual View.. Journal of Object Technology, 2004, 3, 83.	0.9	10
16	Towards a Methodology for Knowledge Reuse Based on Semantic Repositories. Information Systems Frontiers, 2019, 21, 5-25.	6.4	9
17	Incremental Software Reuse. Lecture Notes in Computer Science, 2006, , 386-389.	1.3	9
18	Automatic Generation of Hierarchical Taxonomies from Free Text Using Linguistic Algorithms. Lecture Notes in Computer Science, 2002, , 74-83.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Generating domain representations using a relationship model. Information Systems, 2005, 30, 1-19.	3.6	8
20	The Emperor's New Use Case.. Journal of Object Technology, 2005, 4, 81.	0.9	8
21	Use Cases in Model-Driven Software Engineering. Lecture Notes in Computer Science, 2006, , 272-279.	1.3	8
22	An algorithm for term conflation based on tree structures. Journal of the Association for Information Science and Technology, 2002, 53, 199-208.	2.6	7
23	A Software Project Management Framework. Information Systems Management, 2004, 21, 78-85.	5.7	6
24	Enabling policy making processes by unifying and reconciling corporate names in public procurement data. The CORFU technique. Computer Standards and Interfaces, 2015, 41, 28-38.	5.4	6
25	Ontology-Assisted Systems Engineering Process with Focus in the Requirements Engineering Process. , 2015, , 149-161.		6
26	Metamodeling generalization and other directed relationships in UML. Information and Software Technology, 2014, 56, 718-726.	4.4	5
27	Your Wish, My Command - Speeding up Projects in the Transportation Industry Using Ontologies. IncoSE International Symposium, 2017, 27, 1070-1086.	0.6	4
28	Automatic generation of domain representations using thesaurus structures. Journal of the Association for Information Science and Technology, 2004, 55, 846-858.	2.6	3
29	Semantic Recovery of Traceability Links between System Artifacts. International Journal of Software Engineering and Knowledge Engineering, 2020, 30, 1415-1442.	0.8	3
30	Tagging for improved semantic interpretation of XML. , 2010, , .		3
31	Sending Messages in UML.. Journal of Object Technology, 2003, 2, 99.	0.9	3
32	Training Initiative for New Software/Enterprise Architects: An Ontological Approach. , 2007, , .		2
33	1.2.3 Towards a semanticâ€based representation and computation of quantitative indexes for quality management of requirements. IncoSE International Symposium, 2014, 24, 27-40.	0.6	2
34	Applying INCOSE Rules for writing highâ€quality requirements in Industry. IncoSE International Symposium, 2016, 26, 1875-1889.	0.6	2
35	Elevating the meaning of data and operations within the development lifecycle through an interoperable toolchain. IncoSE International Symposium, 2019, 29, 1053-1071.	0.6	2
36	Software Engineering Research. , 2012, , 106-125.		2

#	ARTICLE	IF	CITATIONS
37	Indexing and Classification of Images in Large Organisations. Libri, 1999, 49, .	0.8	1
38	Syntactic-Semantic Extraction of Patterns Applied to the US and European Patents Domain. , 2016, , .		1
39	Open Issues in Industrial Use Case Modeling.. Journal of Object Technology, 2005, 4, 7.	0.9	1
40	Software Engineering Research. , 2014, , 1639-1658.		1
41	Analysis of the INCOSE Rules for Writing Good Requirement in Industry: A Tool Based Study. , 2016, , 283-283.		1
42	Formal ontologies and data shapes within the Software Engineering development lifecycle. , 2019, , .		1
43	Towards the reuse of physical models within the development life-cycle: a case study of Simulink models. , 2022, , .		1
44	A classificationâ€œmatching combination for image retrieval. Online and CDROM Review, 1999, 23, 11-18.	0.3	0
45	Structured Knowledge: An Universal Indexing System Approach. Communications in Computer and Information Science, 2013, , 362-373.	0.5	0
46	Topology Labeling: An Indexing Structure to Find Complex Relationships within Ontologies. Communications in Computer and Information Science, 2013, , 284-294.	0.5	0
47	9.4.1 Why avoiding <i>how</i> when defining <i>what</i>? Towards an OSLCâ€œbased approach to support Modelâ€œDriven Requirements Engineering. Incose International Symposium, 2014, 24, 990-1005.	0.6	0
48	Semanticâ€œbased representation, enrichment and computation of product breakdown structures. Incose International Symposium, 2015, 25, 35-53.	0.6	0
49	Extraction of Patterns Using NLP: US and European Patents Domain. Communications in Computer and Information Science, 2019, , 249-264.	0.5	0
50	Natural Language Processing System Applied in Public Health for Assessment of an Automatic Analysis of Patterns Generator. , 2015, , .		0
51	How to Build Ontologies for Requirements Systems Engineering Projects Aiding the Quality Management Process. Communications in Computer and Information Science, 2015, , 457-476.	0.5	0
52	Automatic Pattern Generator of Natural Language Text Applied in Public Health. Communications in Computer and Information Science, 2016, , 381-395.	0.5	0