

Vicente Pelechano

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

1,830
citations

393982

19
h-index

377514

34
g-index

142
all docs

142
docs citations

142
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	The OO-method approach for information systems modeling: from object-oriented conceptual modeling to automated programming. <i>Information Systems</i> , 2001, 26, 507-534.	2.4	168
2	Dynamic adaptation of service compositions with variability models. <i>Journal of Systems and Software</i> , 2014, 91, 24-47.	3.3	101
3	Autonomic Computing through Reuse of Variability Models at Runtime: The Case of Smart Homes. <i>Computer</i> , 2009, 42, 37-43.	1.2	96
4	Systems and Software Variability Management. , 2013, , .		91
5	Towards the Model Driven Development of context-aware pervasive systems. <i>Pervasive and Mobile Computing</i> , 2010, 6, 254-280.	2.1	70
6	Web Engineering: Modelling and Implementing Web Applications. <i>Human-computer Interaction Series</i> , 2008, , .	0.4	66
7	VIVACE: A framework for the systematic evaluation of variability support in process-aware information systems. <i>Information and Software Technology</i> , 2015, 57, 248-276.	3.0	56
8	Development of Web Applications from Web Enhanced Conceptual Schemas. <i>Lecture Notes in Computer Science</i> , 2003, , 232-245.	1.0	52
9	Developing Mobile Business Processes for the Internet of Things. <i>IEEE Pervasive Computing</i> , 2010, 9, 18-26.	1.1	50
10	Designing human-in-the-loop autonomous Cyber-Physical Systems. <i>International Journal of Human Computer Studies</i> , 2019, 130, 21-39.	3.7	50
11	A survey on web modeling approaches for ubiquitous web applications. <i>International Journal of Web Information Systems</i> , 2008, 4, 234-305.	1.3	42
12	A Survey of Requirements Specification in Model-Driven Development of Web Applications. <i>ACM Transactions on the Web</i> , 2011, 5, 1-51.	2.0	33
13	Applying Software Product Lines to Build Autonomic Pervasive Systems. , 2008, , .		31
14	Engineering human-in-the-loop interactions in cyber-physical systems. <i>Information and Software Technology</i> , 2020, 126, 106349.	3.0	28
15	Context-Aware Autonomous Web Services in Software Product Lines. , 2011, , .		26
16	Inferring loneliness levels in older adults from smartphones. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2015, 7, 85-98.	0.8	25
17	Conceptual Modelling of Web Applications: The OOWS Approach. , 2006, , 277-302.		23
18	Personalization for unobtrusive service interaction. <i>Personal and Ubiquitous Computing</i> , 2012, 16, 543-561.	1.9	22

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19	Introducing requirements traceability support in model-driven development of web applications. Information and Software Technology, 2009, 51, 749-768.	3.0	20
20	Generating operation specifications from UML class diagrams: A model transformation approach. Data and Knowledge Engineering, 2011, 70, 365-389.	2.1	20
21	Achieving autonomic Web service compositions with models at runtime. Computers and Electrical Engineering, 2017, 63, 332-352.	3.0	20
22	Towards Run-Time Flexibility for Process Families: Open Issues and Research Challenges. Lecture Notes in Business Information Processing, 2013, , 477-488.	0.8	20
23	Test-Driven Development of Model Transformations. Lecture Notes in Computer Science, 2009, , 748-752.	1.0	19
24	Context-Adaptive Coordination of Pervasive Services by Interpreting Models during Runtime. Computer Journal, 2013, 56, 87-114.	1.5	19
25	Building Business Process Driven Web Applications. Lecture Notes in Computer Science, 2006, , 322-337.	1.0	19
26	OO-Method: An OO software production environment combining conventional and formal methods. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1997, , 145-158.	0.2	18
27	Using Feature Models for Developing Self-Configuring Smart Homes. , 2009, , .		17
28	Transforming Web Requirements into Navigational Models: AN MDA Based Approach. Lecture Notes in Computer Science, 2005, , 320-336.	1.0	16
29	A transformational approach to produce web application prototypes from a web requirements model. International Journal of Web Engineering and Technology, 2007, 3, 4.	0.1	15
30	Dynamic Evolution of Context-Aware Systems with Models at Runtime. Lecture Notes in Computer Science, 2012, , 70-86.	1.0	15
31	Enhancing Modeling and Change Support for Process Families through Change Patterns. Lecture Notes in Business Information Processing, 2013, , 246-260.	0.8	14
32	Prototyping Dynamic Software Product Lines to evaluate run-time reconfigurations. Science of Computer Programming, 2013, 78, 2399-2413.	1.5	14
33	Facing Uncertainty in Web Service Compositions. , 2013, , .		14
34	Variability management in process families through change patterns. Information and Software Technology, 2016, 74, 86-104.	3.0	14
35	Supporting Runtime System Evolution to Adapt to User Behaviour. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2010, , 378-392.	0.2	14
36	Building a Software Factory for Pervasive Systems Development. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2005, , 342-356.	0.2	13

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37	Automatic generation of basic behavior schemas from UML class diagrams. <i>Software and Systems Modeling</i> , 2010, 9, 47-67.	2.2	13
38	From Object Oriented Conceptual Modeling to Automated Programming in Java. <i>Lecture Notes in Computer Science</i> , 1998, , 183-196.	1.0	13
39	Tool Support for Model Driven Development of Pervasive Systems. , 2007, , .		12
40	Implementing UML Association, Aggregation, and Composition. A Particular Interpretation Based on a Multidimensional Framework. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2003, , 143-158.	0.2	12
41	Applying the Oows Model-Driven Approach for Developing Web Applications. The Internet Movie Database Case Study. <i>Human-computer Interaction Series</i> , 2008, , 65-108.	0.4	12
42	Designing the Human in the Loop of Self-Adaptive Systems. <i>Lecture Notes in Computer Science</i> , 2016, , 437-449.	1.0	12
43	A Qualitative Comparison of Approaches Supporting Business Process Variability. <i>Lecture Notes in Business Information Processing</i> , 2013, , 560-572.	0.8	11
44	Applying CVL to business process variability management. , 2012, , .		10
45	Developing BP-driven web applications through the use of MDE techniques. <i>Software and Systems Modeling</i> , 2012, 11, 609-631.	2.2	10
46	Reverse Engineering of Web Pages Based on Derivations and Transformations. , 0, , .		9
47	From Web Requirements to Navigational Design – A Transformational Approach. <i>Lecture Notes in Computer Science</i> , 2005, , 506-511.	1.0	9
48	Systematic Reuse of Web Services through Software Product Line Engineering. , 2011, , .		9
49	On the usefulness and ease of use of a model-driven Method Engineering approach. <i>Information Systems</i> , 2015, 50, 36-50.	2.4	9
50	Addressing the evolution of automated user behaviour patterns by runtime model interpretation. <i>Software and Systems Modeling</i> , 2015, 14, 1387-1420.	2.2	9
51	Developing E-Commerce Applications from Task-Based Descriptions. <i>Lecture Notes in Computer Science</i> , 2005, , 65-75.	1.0	9
52	Automated code generation of dynamic specializations: an approach based on design patterns and formal techniques. <i>Data and Knowledge Engineering</i> , 2002, 40, 315-353.	2.1	8
53	A Methodological Framework and Software Infrastructure for the Construction of Software Production Methods. <i>Lecture Notes in Computer Science</i> , 2010, , 112-125.	1.0	8
54	Designing Web Services for Supporting User Tasks: A Model Driven Approach. <i>Lecture Notes in Computer Science</i> , 2006, , 193-202.	1.0	8

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55	Model to Text Transformation in Practice: Generating Code from Rich Associations Specifications. Lecture Notes in Computer Science, 2006, , 63-72.	1.0	8
56	A Model Driven Development Method for Developing Context-Aware Pervasive Systems. Lecture Notes in Computer Science, 2008, , 662-676.	1.0	8
57	Distributed Computing, Artificial Intelligence, Bioinformatics, Soft Computing, and Ambient Assisted Living. Lecture Notes in Computer Science, 2009, , .	1.0	8
58	Designing and Prototyping Dynamic Software Product Lines: Techniques and Guidelines. Lecture Notes in Computer Science, 2010, , 331-345.	1.0	8
59	Implicit interaction design for pervasive workflows. Personal and Ubiquitous Computing, 2011, 15, 399-408.	1.9	7
60	Improving the Cold-Start Problem in User Task Automation by Using Models at Runtime. , 2011, , 671-683.		7
61	Conceptual Modeling in the eXtreme. Information and Software Technology, 2002, 44, 659-669.	3.0	6
62	Conceptual Modeling. Lecture Notes in Computer Science, 2012, , .	1.0	6
63	A Model-Driven Approach for the Design and Implementation of Software Development Methods. International Journal of Information System Modeling and Design, 2012, 3, 86-103.	0.9	6
64	Designing for user attention: A method for supporting unobtrusive routine tasks. Science of Computer Programming, 2013, 78, 1987-2008.	1.5	6
65	Towards an End-User Development Approach for Web Engineering Methods. Lecture Notes in Computer Science, 2006, , 528-543.	1.0	6
66	An Architecture to Automate Ambient Business System Development. Lecture Notes in Computer Science, 2008, , 240-257.	1.0	6
67	Building Self-adaptive Services for Ambient Assisted Living. Lecture Notes in Computer Science, 2009, , 740-747.	1.0	6
68	Adapting BPMN to Public Administration. Lecture Notes in Business Information Processing, 2010, , 114-120.	0.8	6
69	Conceptual modeling of service composition using aggregation and specialization relationships. , 2006, , .		5
70	A mobile-based solution for supporting end-users in the composition of services. Multimedia Tools and Applications, 2017, 76, 16315-16345.	2.6	5
71	Describing Adaptive Navigation Requirements of Web Applications. Lecture Notes in Computer Science, 2006, , 318-322.	1.0	5
72	Requirements Engineering for Pervasive Systems. A Transformational Approach. , 2006, , .		4

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73	Software Product Lines: Going Beyond. Lecture Notes in Computer Science, 2010, , .	1.0	4
74	Automating unobtrusive personalized services in ambient media environments. Multimedia Tools and Applications, 2014, 71, 159-178.	2.6	4
75	Towards the Composition of Services by End-Users. Business and Information Systems Engineering, 2020, 62, 305-321.	4.0	4
76	A social network for supporting end users in the composition of services: definition and proof of concept. Computing (Vienna/New York), 2020, 102, 1909-1940.	3.2	4
77	Building Semantic Web Services Based on a Model Driven Web Engineering Method. Lecture Notes in Computer Science, 2006, , 173-182.	1.0	4
78	A Framework for the Reconfiguration of Ubicomp Systems. Advances in Soft Computing, 2009, , 1-10.	0.4	4
79	Enterprise, Business-Process and Information Systems Modeling. Lecture Notes in Business Information Processing, 2013, , .	0.8	4
80	Model Centric Approach of Web Services Composition. , 2007, , 65-81.		4
81	From Crosscutting Concerns to Web Systems Models. , 2007, , 573-582.		4
82	Linking object-oriented conceptual modeling with object-oriented implementation in Java. Lecture Notes in Computer Science, 1997, , 132-141.	1.0	3
83	Software Engineering for Pervasive Systems. Applying Models, Frameworks and Transformations. , 2007, , .		3
84	Building Ubiquitous Business Process following an MDD approach. IEEE Latin America Transactions, 2008, 6, 347-354.	1.2	3
85	Exploiting User Feedback for Adapting Mobile Interaction Obtrusiveness. Lecture Notes in Computer Science, 2012, , 274-281.	1.0	3
86	A Model-Driven Engineering Approach for Defining Rich Internet Applications. , 2010, , 40-58.		3
87	User Profiling Capabilities in OOWS. Lecture Notes in Computer Science, 2003, , 486-496.	1.0	3
88	A Methodological Approach for Incorporating Adaptive Navigation Techniques into Web Applications. Lecture Notes in Computer Science, 2005, , 203-216.	1.0	3
89	Navigational modeling and the semantic web. An ontology based approach. , 0, , .		2
90	A conceptual modeling approach for the design of web applications based on services. , 2006, , .		2

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91	Presto: A pluggable platform for supporting user participation in smart workflows. , 2009, , .		2
92	The MOSKitt4ME Approach: Providing Process Support in a Method Engineering Context. Lecture Notes in Computer Science, 2012, , 228-241.	1.0	2
93	Information Systems Development. , 2013, , .		2
94	A personalized system for scalable distribution of multimedia content in multicast wireless networks. Multimedia Tools and Applications, 2015, 74, 9595-9621.	2.6	2
95	Self-adaptive unobtrusive interactions of mobile computing systems. Journal of Ambient Intelligence and Smart Environments, 2017, 9, 659-688.	0.8	2
96	Incorporating Users into Aml System Design: From Requirements Toward Automation. , 2013, , 499-511.		2
97	Developing Web Applications from Conceptual Models. A Web Services Approach. Lecture Notes in Computer Science, 2003, , 40-51.	1.0	2
98	Automating Routine Tasks in Aml Systems by Using Models at Runtime. Lecture Notes in Computer Science, 2010, , 1-10.	1.0	2
99	Model Driven Design of Web Service Operations using Web Engineering Practices. , 2007, , 83-100.		2
100	The Conceptual Model Is The Code. Why Not?. , 2013, , 153-159.		2
101	Extracting knowledge from association relationships to build navigational models. , 0, , .		1
102	Dealing with crosscutting concerns in a model based software production method. , 2006, , .		1
103	Generation of Business Process Driven Web Applications by means of Model Transformations. IEEE Latin America Transactions, 2007, 5, 245-250.	1.2	1
104	Modeling and "smart" prototyping human-in-the-loop interactions for Aml environments. Personal and Ubiquitous Computing, 0, , 1.	1.9	1
105	Providing Methodological Support to Incorporate Presentation Properties in the Development of Web Services. Lecture Notes in Computer Science, 2007, , 139-148.	1.0	1
106	Modelling Content Aggregation for Developing e-Commerce Web Sites. Lecture Notes in Computer Science, 2004, , 259-267.	1.0	1
107	Adoption of Software Product Lines to Develop Autonomic Pervasive Systems. , 2009, , 141-171.		1
108	Improving Communication in Requirements Engineering Activities for Web Applications. , 2007, , 242-247.		1

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109	A Model-Driven Method for the Integration of Web Applications. , 0, , .		0
110	Automating the development of information systems with the MOSKitt open source tool. , 2012, , .		0
111	A Code Generation Process for Role Classes. An approach based on Formal Techniques and Design Patterns. Kluwer International Series in Engineering and Computer Science, 2003, , 137-153.	0.2	0
112	Handling Usability Aspects for the Construction of Business Process Driven Web Applications. , 2008, , 266-284.		0
113	Refining Interaction Designs through Simplicity. Lecture Notes in Computer Science, 2010, , 31-40.	1.0	0
114	Service Obtrusiveness Adaptation. Lecture Notes in Computer Science, 2010, , 11-20.	1.0	0
115	From Object-Oriented Conceptual Modeling to Component-Based Development. Lecture Notes in Computer Science, 1999, , 332-341.	1.0	0
116	DECODER - DEveloper COmpanion for Documented and annotatEd code Reference. Lecture Notes in Computer Science, 2019, , 596-601.	1.0	0
117	Software Knowledge Representation to Understand Software Systems. Lecture Notes in Computer Science, 2019, , 137-144.	1.0	0
118	A Framework Based on Design Patterns. , 0, , 56-103.		0