Oscar Pastor

List of Publications by Year
in descending order

271 papers	2,817 citations	304743 22 h-index	330143 37 g-index
296 all docs	296 docs citations	296 times ranked	1329 citing authors

#	Article	IF	Citations
1	The OO-method approach for information systems modeling: from object-oriented conceptual modeling to automated programming. Information Systems, 2001, 26, 507-534.	3.6	168
2	Conceptual modeling of device-independent Web applications. IEEE MultiMedia, 2001, 8, 26-39.	1.7	143
3	Requirements Engineering-Based Conceptual Modelling. Requirements Engineering, 2002, 7, 61-72.	3.1	104
4	Capability Driven Development: An Approach to Designing Digital Enterprises. Business and Information Systems Engineering, 2015, 57, 15-25.	6.1	102
5	Hydration and Micellization Processes ofn-Octyl Î²-d-Glucopyranoside in Aqueous Solution. A Thermodynamic and Fluorimetric Study in the Absence and Presence of Salts. Langmuir, 1998, 14, 2950-2957.	3.5	53
6	An Empirical Evaluation of the i* Framework in a Model-Based Software Generation Environment. Lecture Notes in Computer Science, 2006, , 513-527.	1.3	53
7	A systematic mapping study on empirical evaluation of software requirements specifications techniques. , 2009, , .		53
8	Development of Web Applications from Web Enhanced Conceptual Schemas. Lecture Notes in Computer Science, 2003, , 232-245.	1.3	52
9	Comparing traditional conceptual modeling with ontology-driven conceptual modeling: An empirical study. Information Systems, 2019, 81, 92-103.	3.6	52
10	A survey on web modeling approaches for ubiquitous web applications. International Journal of Web Information Systems, 2008, 4, 234-305.	2.4	42
11	Model-Driven Development. Informatik-Spektrum, 2008, 31, 394-407.	1.3	41
12	JUST-UI: A User Interface Specification Model. , 2002, , 63-74.		41
13	Empirical research methodologies and studies in Requirements Engineering: How far did we come?. Journal of Systems and Software, 2014, 95, 1-9.	4.5	39
14	Applying Conceptual Modeling to Better Understand the Human Genome. Lecture Notes in Computer Science, 2016, , 404-412.	1.3	33
15	In search of evidence for model-driven development claims: An experiment on quality, effort, productivity and satisfaction. Information and Software Technology, 2015, 62, 164-186.	4.4	32
16	Extending a Conceptual Modelling Approach to Web Application Design. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2000, , 79-93.	0.3	32
17	Usability evaluation of multi-device/platform user interfaces generated by model-driven engineering. , 2010, , .		31
18	From i* Requirements Models to Conceptual Models of a Model Driven Development Process. Lecture Notes in Business Information Processing, 2009, , 99-114.	1.0	30

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19	Communication Analysis: A Requirements Engineering Method for Information Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 530-545.	0.3	30
20	Measuring the functional size of web applications. International Journal of Web Engineering and Technology, 2003, 1, 5.	0.2	28
21	A functional size measurement method for object-oriented conceptual schemas: design and evaluation issues. Software and Systems Modeling, 2006, 5, 48-71.	2.7	28
22	Using UML as a Domain-Specific Modeling Language: A Proposal for Automatic Generation of UML Profiles. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 110-124.	0.3	28
23	Transformation templates. , 2010, , .		27
24	An Object-Oriented Approach to Automate Web Applications Development. Lecture Notes in Computer Science, 2001, , 16-28.	1.3	26
25	Business Process Modelling and Purpose Analysis for Requirements Analysis of Information Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2008, , 213-227.	0.3	26
26	Conceptual-Model Programming: A Manifesto. , 2011, , 3-16.		24
27	A Reference Framework for Conceptual Modeling. Lecture Notes in Computer Science, 2018, , 27-42.	1.3	23
28	Conceptual Modelling of Web Applications: The OOWS Approach. , 2006, , 277-302.		23
29	Measurement of Functional Size in Conceptual Models: A Survey of Measurement Procedures Based on COSMIC. Lecture Notes in Computer Science, 2008, , 170-183.	1.3	22
30	Towards an accurate functional size measurement procedure for conceptual models in an MDA environment. Data and Knowledge Engineering, 2010, 69, 472-490.	3.4	22
31	Conceptual Model Generation from Requirements Model: A Natural Language Processing Approach. Lecture Notes in Computer Science, 2008, , 325-326.	1.3	22
32	Evaluating the Completeness and Granularity of Functional Requirements Specifications: A Controlled Experiment. , 2009, , .		21
33	A specification pattern for use cases. Information and Management, 2004, 41, 961-975.	6.5	20
34	Quality requirements engineering for systems and software architecting: methods, approaches, and tools. Requirements Engineering, 2012, 17, 255-258.	3.1	19
35	On the Estimation of the Functional Size of Software from Requirements Specifications. Journal of Computer Science and Technology, 2007, 22, 358-370.	1.5	18
36	An empirical comparative evaluation of requirements engineering methods. Journal of the Brazilian Computer Society, 2010, 16, 3-19.	1.3	18

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37	Enforcing Conceptual Modeling to improve the understanding of human genome. , 2010, , .		18
38	OO-Method: An OO software production environment combining conventional and formal methods. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1997, , 145-158.	0.3	18
39	Automating the Measurement of Functional Size of Conceptual Models in an MDA Environment. Lecture Notes in Computer Science, 2008, , 215-229.	1.3	17
40	Defining and validating metrics for navigational models. , 0, , .		16
41	GoBIS: An integrated framework to analyse the goal and business process perspectives in information systems. Information Systems, 2015, 53, 330-345.	3.6	16
42	A Method to Identify Relevant Genome Data: Conceptual Modeling for the Medicine of Precision. Lecture Notes in Computer Science, 2018, , 597-609.	1.3	16
43	Conceptual Modeling Meets the Human Genome. Lecture Notes in Computer Science, 2008, , 1-11.	1.3	16
44	Facing the Technological Challenges of Web 2.0: A RIA Model-Driven Engineering Approach. Lecture Notes in Computer Science, 2009, , 131-144.	1.3	16
45	Goal-Based Business Modeling Oriented towards Late Requirements Generation. Lecture Notes in Computer Science, 2003, , 277-290.	1.3	15
46	A transformational approach to produce web application prototypes from a web requirements model. International Journal of Web Engineering and Technology, 2007, 3, 4.	0.2	15
47	An empirical approach for evaluating the usability of model-driven tools. Science of Computer Programming, 2013, 78, 2245-2258.	1.9	15
48	Configuring the Variability of Business Process Models Using Non-Functional Requirements. Lecture Notes in Business Information Processing, 2010, , 274-286.	1.0	15
49	Systematic Derivation of Class Diagrams from Communication-Oriented Business Process Models. Lecture Notes in Business Information Processing, 2011, , 246-260.	1.0	15
50	Oasis: An object-oriented specification language. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1992, , 348-363.	0.3	14
51	Modeling interactions using role-driven patterns. , 2005, , .		14
52	A proposal for modelling usability in a holistic MDD method. Science of Computer Programming, 2014, 86, 74-88.	1.9	14
53	A framework to identify primitives that represent usability within Model-Driven Development methods. Information and Software Technology, 2015, 58, 338-354.	4.4	14
54	Dealing with Usability in Model Transformation Technologies. Lecture Notes in Computer Science, 2008, , 498-511.	1.3	14

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55	Improving Automatic UML2 Profile Generation for MDA Industrial Development. Lecture Notes in Computer Science, 2008, , 113-122.	1.3	13
56	Unity criteria for Business Process Modelling. , 2009, , .		13
57	What do we know about the defect types detected in conceptual models?. , 2015, , .		13
58	Traceability Link Recovery between Requirements and Models using an Evolutionary Algorithm Guided by a Learning to Rank Algorithm: Train control and management case. Journal of Systems and Software, 2020, 163, 110519.	4.5	13
59	Object-Oriented Conceptual Modeling of Web Application Interfaces: the OO-HMethod Abstract Presentation Model. Lecture Notes in Computer Science, 2000, , 206-215.	1.3	13
60	From Object Oriented Conceptual Modeling to Automated Programming in Java. Lecture Notes in Computer Science, 1998, , 183-196.	1.3	13
61	Towards the Understanding of the Human Genome: A Holistic Conceptual Modeling Approach. IEEE Access, 2020, 8, 197111-197123.	4.2	12
62	Using conceptual modeling to improve genome data management. Briefings in Bioinformatics, 2021, 22, 45-54.	6.5	12
63	Implementing UML Association, Aggregation, and Composition. A Particular Interpretation Based on a Multidimensional Framework. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 143-158.	0.3	12
64	Applying the Oows Model-Driven Approach for Developing Web Applications. The Internet Movie Database Case Study. Human-computer Interaction Series, 2008, , 65-108.	0.6	12
65	Conceptual Modelling of Interaction. , 2011, , 335-358.		12
66	Ontological Unpacking as Explanation: The Case of the Viral Conceptual Model. Lecture Notes in Computer Science, 2021, , 356-366.	1.3	12
67	From User Requirements to User Interfaces: A Methodological Approach. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2001, , 60-75.	0.3	11
68	Analysing the concept of quality in model-driven engineering literature: A systematic review. , 2014, , .		11
69	Considerations about quality in model-driven engineering. Software Quality Journal, 2018, 26, 685-750.	2.2	11
70	From early requirements to user interface prototyping: a methodological approach. , 0, , .		10
71	Linking Goal-Oriented Requirements and Model-Driven Development. , 2010, , 257-276.		10
72	Integrating the Goal and Business Process Perspectives in Information System Analysis. Lecture Notes in Computer Science, 2014, , 332-346.	1.3	10

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73	Towards the automated generation of abstract test cases from requirements models. , 2014, , .		10
74	Evaluating the quality of a set of modelling languages used in combination: A method and a tool. Information Systems, 2018, 77, 48-70.	3.6	10
75	A fine-grained requirement traceability evolutionary algorithm: Kromaia, a commercial video game case study. Information and Software Technology, 2020, 119, 106235.	4.4	10
76	Including functional usability features in a model-driven development method. Computer Science and Information Systems, 2013, 10, 999-1024.	1.0	10
77	A Conceptual Model-Based Approach to Improve the Representation and Management of Omics Data in Precision Medicine. IEEE Access, 2021, 9, 154071-154085.	4.2	10
78	EERMM: A Metamodel for the Enhanced Entity-Relationship Model. Lecture Notes in Computer Science, 2012, , 515-524.	1.3	9
79	Lessons learned from evaluating a checklist for reporting experimental and observational research. , 2012, , .		9
80	Towards a proposal to capture usability requirements through guidelines. , 2013, , .		9
81	A navigational role-centric model oriented web approach - MoWebA. International Journal of Web Engineering and Technology, 2016, 11, 29.	0.2	9
82	Mutation Operators for UML Class Diagrams. Lecture Notes in Computer Science, 2016, , 325-341.	1.3	9
83	Towards Feature Location in Models through a Learning to Rank Approach. , 2017, , .		9
84	Evaluating Model-Driven Development Claims with Respect to Quality: A Family of Experiments. IEEE Transactions on Software Engineering, 2021, 47, 130-145.	5.6	9
85	Towards the Design of a Metrics Cataloging System by Exploiting Conceptual and Semantic Web Approaches. Lecture Notes in Computer Science, 2003, , 324-333.	1.3	9
86	Conceptual Modeling of Life: Beyond the Homo Sapiens. Lecture Notes in Computer Science, 2016, , 18-31.	1.3	9
87	Integrating Natural Language Techniques in OO-Method. Lecture Notes in Computer Science, 2005, , 560-571.	1.3	9
88	Use of GeIS for Early Diagnosis of Alcohol Sensitivity. , 2016, , .		9
89	Automated code generation of dynamic specializations: an approach based on design patterns and formal techniques. Data and Knowledge Engineering, 2002, 40, 315-353.	3.4	8
90	Assessing the reproducibility and accuracy of functional size measurement methods through experimentation. , 2004, , .		8

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91	Using UML profiles to interchange DSML and UML models. , 2009, , .		8
92	Towards a method to generate GUI prototypes from BPMN. , 2018, , .		8
93	Designing Web Services for Supporting User Tasks: A Model Driven Approach. Lecture Notes in Computer Science, 2006, , 193-202.	1.3	8
94	Model to Text Transformation in Practice: Generating Code from Rich Associations Specifications. Lecture Notes in Computer Science, 2006, , 63-72.	1.3	8
95	Integrating Business Domain Ontologies with Early Requirements Modelling. Lecture Notes in Computer Science, 2008, , 282-291.	1.3	8
96	Extending Organizational Modeling with Business Services Concepts: An Overview of the Proposed Architecture. Lecture Notes in Computer Science, 2010, , 483-488.	1.3	8
97	User Interface Conceptual Patterns. Lecture Notes in Computer Science, 2002, , 159-172.	1.3	8
98	The Beautification Process in Model-Driven Engineering of User Interfaces. Lecture Notes in Computer Science, 2007, , 411-425.	1.3	8
99	Specifying conceptual interface patterns in an object-oriented method with automatic code generation. , 0, , .		7
100	Evaluating a functional size measurement method for web applications:an empirical analysis 1. , 0, , .		7
101	A Tool for Automatic Defect Detection in Models Used in Model-Driven Engineering. , 2010, , .		7
102	Using NFR and context to deal with adaptability in business process models. , 2011, , .		7
103	Modelling language quality evaluation in model-driven information systems engineering: A roadmap. , 2015, , .		7
104	CoSTest: A Tool for Validation of Requirements at Model Level. , 2017, , .		7
105	From big data to smart data: A genomic information systems perspective. , 2018, , .		7
106	Assessing data analysis performance in research contexts: An experiment on accuracy, efficiency, productivity and researchersâ€™ satisfaction. Data and Knowledge Engineering, 2018, 116, 177-204.	3.4	7
107	Modeling Difficulties in Data Modeling. Lecture Notes in Computer Science, 2020, , 501-511.	1.3	7
108	Conciliating Model-Driven Engineering with Technical Debt Using a Quality Framework. Lecture Notes in Business Information Processing, 2015, , 199-214.	1.0	7

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109	Conceptual Alignment of Software Production Methods. , 2007, , 209-228.		7
110	Model-Driven Web Engineering in the CMS Domain: A Preliminary Research Applying SME. Lecture Notes in Business Information Processing, 2009, , 226-237.	1.0	7
111	Conceptual Modeling of Human Genome: Integration Challenges. Lecture Notes in Computer Science, 2012, , 231-250.	1.3	7
112	Multi-level Autonomic Business Process Management. Lecture Notes in Business Information Processing, 2013, , 184-198.	1.0	7
113	Smart Data for Genomic Information Systems: the SILE Method. Complex Systems Informatics and Modeling Quarterly, 2018, , 1-23.	0.9	7
114	Conceptual Modeling in the eXtreme. Information and Software Technology, 2002, 44, 659-669.	4.4	6
115	Understandability measurement in an early usability evaluation for model-driven development. , 2008, , .		6
116	From Early to Late Requirements: A Goal-Based Approach. , 2006, , 123-142.		6
117	Using Profiles to Support Model Transformations in the Model-Driven Development of User Interfaces. , 2009, , 35-46.		6
118	Towards a CMMI-Compliant Goal-Oriented Software Process through Model-Driven Development. Lecture Notes in Business Information Processing, 2011, , 253-267.	1.0	6
119	Towards CMMI-compliant Business Process-Driven Requirements Engineering. , 2012, , .		6
120	On the Use of Goal Models and Business Process Models for Elicitation of System Requirements. Lecture Notes in Business Information Processing, 2013, , 168-183.	1.0	6
121	Business Process Management Workshops. Lecture Notes in Business Information Processing, 2014, , .	1.0	6
122	Evaluating Bug-Fixing in Software Product Lines. , 2016, , .		6
123	Verifying goal-oriented specifications used in model-driven development processes. Information Systems, 2017, 64, 41-62.	3.6	6
124	Towards an Effective and Efficient Management of Genome Data: An Information Systems Engineering Perspective. Lecture Notes in Business Information Processing, 2019, , 99-110.	1.0	6
125	Enhancing Big Data Warehousing for Efficient, Integrated and Advanced Analytics. Lecture Notes in Business Information Processing, 2019, , 215-226.	1.0	6
126	Foundations of information technology based on Bunge's systemist philosophy of reality. Software and Systems Modeling, 2021, 20, 921-938.	2.7	6

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127	Towards an End-User Development Approach for Web Engineering Methods. Lecture Notes in Computer Science, 2006, , 528-543.	1.3	6
128	Evaluating the Productivity and Reproducibility of a Measurement Procedure. Lecture Notes in Computer Science, 2006, , 352-361.	1.3	6
129	Evaluating the Benefits of Model-Driven Development. Lecture Notes in Computer Science, 2020, , 353-367.	1.3	6
130	Model-Driven Development in Practice: From Requirements to Code. Lecture Notes in Computer Science, 2017, , 405-410.	1.3	6
131	Describing Just-UI Concepts Using a Task Notation. Lecture Notes in Computer Science, 2003, , 218-230.	1.3	6
132	Applying a Functional Size Measurement Procedure for Defect Detection in MDD Environments. Communications in Computer and Information Science, 2009, , 57-68.	0.5	6
133	Towards a functional size measure for object-oriented systems from requirements specifications. , 0, , .		5
134	Towards an Early Usability Evaluation for Web Applications. Lecture Notes in Computer Science, 2007, , 32-45.	1.3	5
135	How to Combine Requirements Engineering and Interaction Design?. , 2008, , .		5
136	Systematic derivation of state machines from communication-oriented business process models. , 2011, , .		5
137	Using a functional size measurement procedure to evaluate the quality of models in MDD environments. ACM Transactions on Software Engineering and Methodology, 2013, 22, 1-31.	6.0	5
138	Towards an effective medicine of precision by using conceptual modelling of the genome. , 2018, , .		5
139	An empirical comparative evaluation of gestUI to include gesture-based interaction in user interfaces. Science of Computer Programming, 2019, 172, 232-263.	1.9	5
140	ISGE: A Conceptual Model-Based Method to Correctly Manage Genome Data. Lecture Notes in Business Information Processing, 2021, , 47-54.	1.0	5
141	Enhancing Precision Medicine: A Big Data-Driven Approach for the Management of Genomic Data. Big Data Research, 2021, 26, 100253.	4.2	5
142	Conceptual Characterization of Cybersecurity Ontologies. Lecture Notes in Business Information Processing, 2020, , 323-338.	1.0	5
143	Requirements Engineering for Pervasive Systems. A Transformational Approach. , 2006, , .		4
144	An Empirical Study on the Likelihood of Adoption in Practice of a Size Measurement Procedure for Requirements Specification. , 2006, , .		4

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145	A Quality Model for Conceptual Models of MDD Environments. Advances in Software Engineering, 2010, 2010, 1-17.	0.6	4
146	Supporting organisational evolution by means of model-driven reengineering frameworks. , 2013, , .		4
147	Conceptual schema of miRNA's expression: Using efficient information systems practices to manage and analyse data about miRNA expression studies in breast cancer. , 2016, , .		4
148	Effectiveness Assessment of an Early Testing Technique using Model-Level Mutants. , 2017, , .		4
149	Analyzing the impact of natural language processing over feature location in models. ACM SIGPLAN Notices, 2017, 52, 63-76.	0.2	4
150	Defining Interaction Design Patterns to Extract Knowledge from Big Data. Lecture Notes in Computer Science, 2018, , 490-504.	1.3	4
151	Are requirements elicitation sessions influenced by participants' gender? An empirical experiment. Science of Computer Programming, 2021, 204, 102595.	1.9	4
152	Building Semantic Web Services Based on a Model Driven Web Engineering Method. Lecture Notes in Computer Science, 2006, , 173-182.	1.3	4
153	Conceptual Modeling of Personalized Web Applications. Lecture Notes in Computer Science, 2002, , 358-362.	1.3	4
154	Generating User Interfaces from Conceptual Models: A Model-Transformation Based Approach. , 2007, , 1-14.		4
155	Characterizing Conceptual Modeling Research. Lecture Notes in Computer Science, 2019, , 40-57.	1.3	4
156	An Ontological-Based Approach to Analyze Software Production Methods. Lecture Notes in Business Information Processing, 2008, , 258-270.	1.0	4
157	Automating the Interoperability of Conceptual Models in Specific Development Domains. , 2013, , 349-373.		4
158	Usability Evaluation of Variability Modeling by means of Common Variability Language. Complex Systems Informatics and Modeling Quarterly, 2015, , .	0.9	4
159	A Conceptual Modeling Approach To Improve Human Genome Understanding. , 2011, , 517-541.		4
160	Comprehensibility of Variability in Model Fragments for Product Configuration. Lecture Notes in Computer Science, 2016, , 476-490.	1.3	4
161	Linking object-oriented conceptual modeling with object-oriented implementation in Java. Lecture Notes in Computer Science, 1997, , 132-141.	1.3	3
162	Specifying interface properties in object-oriented conceptual models. , 2000, , .		3

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163	Data model extension for security event notification with dynamic risk assessment purpose. Science China Information Sciences, 2013, 56, 1-9.	4.3	3
164	User interface design guidelines for rich applications in the context of cultural heritage data. , 2014, , .		3
165	Developing web applications for different architectures: The MoWebA approach. , 2016, , .		3
166	Designing the Didactic Strategy Modeling Language (DSML) From PoN: An Activity Oriented EML Proposal. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2018, 13, 136-143.	0.9	3
167	GenesLove.Me 2.0: Improving the Prioritization of Genetic Variations. Communications in Computer and Information Science, 2019, , 314-333.	0.5	3
168	A method to evaluate quality of modelling languages based on the Zachman reference taxonomy. Software Quality Journal, 2019, 27, 1239-1269.	2.2	3
169	A Newcomer's Guide to EICS, the Engineering Interactive Computing Systems Community. Proceedings of the ACM on Human-Computer Interaction, 2019, 3, 1-9.	3.3	3
170	Improving Traceability Links Recovery in Process Models Through an Ontological Expansion of Requirements. Lecture Notes in Computer Science, 2019, , 261-275.	1.3	3
171	Towards a Shared, Conceptual Model-Based Understanding of Proteins and Their Interactions. IEEE Access, 2021, 9, 73608-73623.	4.2	3
172	Modeling Life: A Conceptual Schema-centric Approach to Understand the Genome. , 2017, , 25-40.		3
173	Towards the Quality Evaluation of Functional Aspects of Operative Web Applications. Lecture Notes in Computer Science, 2003, , 325-338.	1.3	3
174	A Model-Driven Engineering Approach for Defining Rich Internet Applications. , 2010, , 40-58.		3
175	ALIGNING GOAL-ORIENTED REQUIREMENTS ENGINEERING AND MODEL-DRIVEN DEVELOPMENT. , 2009, , .		3
176	GenDomus: Interactive and Collaboration Mechanisms for Diagnosing Genetic Diseases. , 2017, , .		3
177	VarSearch: Annotating Variations using an e-Genomics Framework. , 2018, , .		3
178	User Profiling Capabilities in OOWS. Lecture Notes in Computer Science, 2003, , 486-496.	1.3	3
179	From Extreme Programming to Extreme Non-programming: Is It the Right Time for Model Transformation Technologies?. Lecture Notes in Computer Science, 2006, , 64-72.	1.3	3
180	Understanding the Human Genome: A Conceptual Modeling-Based Approach. Lecture Notes in Computer Science, 2010, , 467-469.	1.3	3

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181	Facing the Challenges of Genome Information Systems: A Variation Analysis Prototype. Lecture Notes in Computer Science, 2011, , 222-237.	1.3	3
182	GestUI: A Model-driven Method and Tool for Including Gesture-based Interaction in User Interfaces. Complex Systems Informatics and Modeling Quarterly, 2016, , 73-92.	0.9	3
183	Navigational modeling and the semantic web. An ontology based approach. , 0, , .		2
184	Using a Goal-Refinement Tree to Obtain and Refine Organizational Requirements. Lecture Notes in Computer Science, 2004, , 506-513.	1.3	2
185	Interaction Transformation Patterns Based on Semantic Roles. Lecture Notes in Computer Science, 2005, , 239-250.	1.3	2
186	Towards a Method for Evaluating the Precision of Software Measures (Short Paper). , 2008, , .		2
187	Evaluation of software development through an MDA tool: a case study. IEEE Latin America Transactions, 2008, 6, 252-259.	1.6	2
188	From Requirements to Code: A Full Model-Driven Development Perspective. Communications in Computer and Information Science, 2013, , 56-70.	0.5	2
189	An integration architecture framework for e-genomics services. , 2014, , .		2
190	Conceptual Schema of Breast Cancer: The background to design an efficient information system to manage data from diagnosis and treatment of breast cancer patients. , 2014, , .		2
191	Including multi-stroke gesture-based interaction in user interfaces using a model-driven method. , 2015, , .		2
192	Continuous validation of a modelling tool in an industrial setting. , 2016, , .		2
193	A Capability-Driven Development Approach for Requirements and Business Process Modeling. Lecture Notes in Computer Science, 2016, , 3-8.	1.3	2
194	The Influence of Requirements in Software Model Development in an Industrial Environment. , 2017, , .		2
195	Assessing the Performance of Automated Model Extraction Rules. Lecture Notes in Information Systems and Organisation, 2018, , 33-49.	0.6	2
196	Genomic Tools*: Web-Applications Based on Conceptual Models for the Genomic Diagnosis. Communications in Computer and Information Science, 2018, , 48-69.	0.5	2
197	Exploring New Directions in Traceability Link Recovery in Models: The Process Models Case. Lecture Notes in Computer Science, 2018, , 359-373.	1.3	2
198	Molecular profile in Paraguayan colorectal cancer patients, towards to a precision medicine strategy. Cancer Medicine, 2019, 8, 3120-3130.	2.8	2

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199	A Model-Based Application for the Effective and Efficient Management ofÂData Associated with Retina-Macula Pathology. Lecture Notes in Business Information Processing, 2021, , 366-379.	1.0	2
200	Empirical validation of a quality framework for evaluating modelling languages in MDE environments. Software Quality Journal, 2021, 29, 275-307.	2.2	2
201	Enhancing software model encoding for feature location approaches based on machine learning techniques. Software and Systems Modeling, 2022, 21, 399-433.	2.7	2
202	Towards a Holistic Conceptual Modelling-Based Software Development Process. Lecture Notes in Computer Science, 2006, , 437-450.	1.3	2
203	Dealing with Abstract Interaction Modeling in an MDE Development Process: A Pattern-Based Approach. , 2009, , 1-10.		2
204	Developing Web Applications from Conceptual Models. A Web Services Approach. Lecture Notes in Computer Science, 2003, , 40-51.	1.3	2
205	Design and Implementation of a Geis for the Genomic Diagnosis using the SILE Methodology. Case Study: Congenital Cataract. , 2018, , .		2
206	Characterization and Treatment of the Temporal Dimension of Genomic Variations: A Conceptual Model-Based Approach. Lecture Notes in Computer Science, 2021, , 104-113.	1.3	2
207	Conceptual Modeling for Novel Application Domains. Lecture Notes in Computer Science, 2003, , .	1.3	2
208	Mutational Data Loading Routines for Human Genome Databases: the BRCA1 Case. Journal of Computing Science and Engineering, 2010, 4, 291-312.	0.6	2
209	Towards an Experimental Framework for Measuring Usability of Model-Driven Tools. Lecture Notes in Computer Science, 2011, , 640-643.	1.3	2
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211	The Conceptual Model Is The Code. Why Not?. , 2013, , 153-159.		2
212	From CASE to CARE (Computer-Aided Requirements Engineering). Lecture Notes in Computer Science, 1999, , 278-292.	1.3	2
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218	Dealing with crosscutting concerns in a model based software production method. , 2006, , .		1
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