Oscar Pastor

List of Publications by Year in descending order

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Version: 2024-02-01

271	2,817	304743	330143
papers	citations	22 h-index	37 g-index

296	296	296	1329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing software model encoding for feature location approaches based on machine learning techniques. Software and Systems Modeling, 2022, 21, 399-433.	2.7	2
2	Leveraging BPMN particularities to improve traceability links recovery among requirements and BPMN models. Requirements Engineering, 2022, 27, 135-160.	3.1	0
3	CitrusGenome: Applying User Centered Design forÂEvaluating theÂUsability ofÂGenomic User Interfaces. Communications in Computer and Information Science, 2022, , 213-240.	0.5	0
4	Challenges for Model-Driven Development of Strategically Aligned Information Systems. IEEE Access, 2022, 10, 38237-38253.	4.2	2
5	Leveraging execution traces to enhance traceability links recovery in BPMN models. Information and Software Technology, 2022, 146, 106873.	4.4	0
6	The LiteStrat Modelling Method: Towards the Alignment of Strategy and Code. , 2022, , 141-159.		0
7	An Advanced Search System to Manage SARS-CoV-2 and COVID-19 Data Using a Model-Driven Development Approach. IEEE Access, 2022, 10, 43528-43534.	4.2	0
8	OntoTrace: A Tool for Supporting Trace Generation in Software Development by Using Ontology-Based Automatic Reasoning. Lecture Notes in Business Information Processing, 2022, , 73-81.	1.0	1
9	Using conceptual modeling to improve genome data management. Briefings in Bioinformatics, 2021, 22, 45-54.	6.5	12
10	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
11	Data and Conceptual Model Synchronization in Data-Intensive Domains: The Human Genome Case. Lecture Notes in Business Information Processing, 2021, , 644-650.	1.0	0
12	A Models-to-Program Information Systems Engineering Method. Communications in Computer and Information Science, 2021, , 162-176.	0.5	1
13	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
14	From Strategy to Code: Achieving Strategical Alignment in Software Development Projects Through Conceptual Modelling. Lecture Notes in Computer Science, 2021, , 145-164.	1.3	0
15	ISGE: A Conceptual Model-Based Method to Correctly Manage Genome Data. Lecture Notes in Business Information Processing, 2021, , 47-54.	1.0	5
16	Foundations of information technology based on Bungeâ€™s systemist philosophy of reality. Software and Systems Modeling, 2021, 20, 921-938.	2.7	6
17	Towards a Shared, Conceptual Model-Based Understanding of Proteins and Their Interactions. IEEE Access, 2021, 9, 73608-73623.	4.2	3
18	Empirical validation of a quality framework for evaluating modelling languages in MDE environments. Software Quality Journal, 2021, 29, 275-307.	2.2	2

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19	Are requirements elicitation sessions influenced by participants' gender? An empirical experiment. Science of Computer Programming, 2021, 204, 102595.	1.9	4
20	Enhancing Precision Medicine: A Big Data-Driven Approach for the Management of Genomic Data. Big Data Research, 2021, 26, 100253.	4.2	5
21	Evaluating the influence of scope on feature location. Information and Software Technology, 2021, 140, 106674.	4.4	0
22	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
23	Ontological Unpacking as Explanation: The Case of the Viral Conceptual Model. Lecture Notes in Computer Science, 2021, , 356-366.	1.3	12
24	Articulating Conceptual Modeling Research Contributions. Lecture Notes in Computer Science, 2021, , 45-60.	1.3	1
25	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
26	A fine-grained requirement traceability evolutionary algorithm: Kromaia, a commercial video game case study. Information and Software Technology, 2020, 119, 106235.	4.4	10
27	Towards the Understanding of the Human Genome: A Holistic Conceptual Modeling Approach. IEEE Access, 2020, 8, 197111-197123.	4.2	12
28	Improvement of usability in user interfaces for massive data analysis: an empirical study. Multimedia Tools and Applications, 2020, 79, 12257-12288.	3.9	0
29	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
30	Evaluating the Benefits of Model-Driven Development. Lecture Notes in Computer Science, 2020, , 353-367.	1.3	6
31	Modeling Difficulties in Data Modeling. Lecture Notes in Computer Science, 2020, , 501-511.	1.3	7
32	Genomic Databases Exploration Using Conceptual Models. Advances in Intelligent Systems and Computing, 2020, , 83-96.	0.6	0
33	The Importance of the Temporal Dimension in Identifying Relevant Genomic Variants: A Case Study. Lecture Notes in Computer Science, 2020, , 51-60.	1.3	2
34	Towards Designing Conceptual Data Models for Big Data Warehouses: The Genomics Case. Lecture Notes in Business Information Processing, 2020, , 3-19.	1.0	1
35	Conceptual Characterization of Cybersecurity Ontologies. Lecture Notes in Business Information Processing, 2020, , 323-338.	1.0	5
36	GenesLove.Me 2.0: Improving the Prioritization of Genetic Variations. Communications in Computer and Information Science, 2019, , 314-333.	0.5	3

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37	A method to evaluate quality of modelling languages based on the Zachman reference taxonomy. Software Quality Journal, 2019, 27, 1239-1269.	2.2	3
38	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
39	Improving Traceability Links Recovery in Process Models Through an Ontological Expansion of Requirements. Lecture Notes in Computer Science, 2019, , 261-275.	1.3	3
40	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
41	Enhancing Big Data Warehousing for Efficient, Integrated and Advanced Analytics. Lecture Notes in Business Information Processing, 2019, , 215-226.	1.0	6
42	Molecular profile in Paraguayan colorectal cancer patients, towards to a precision medicine strategy. Cancer Medicine, 2019, 8, 3120-3130.	2.8	2
43	Comparing traditional conceptual modeling with ontology-driven conceptual modeling: An empirical study. Information Systems, 2019, 81, 92-103.	3.6	52
44	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
45	Characterizing Conceptual Modeling Research. Lecture Notes in Computer Science, 2019, , 40-57.	1.3	4
46	Considerations about quality in model-driven engineering. Software Quality Journal, 2018, 26, 685-750.	2.2	11
47	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
48	A Reference Framework for Conceptual Modeling. Lecture Notes in Computer Science, 2018, , 27-42.	1.3	23
49	Method to Define User Interfaces in the Requirements Analysis Phase. , 2018, , .		1
50	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
51	Assessing the Performance of Automated Model Extraction Rules. Lecture Notes in Information Systems and Organisation, 2018, , 33-49.	0.6	2
52	Genomic Tools*: Web-Applications Based on Conceptual Models for the Genomic Diagnosis. Communications in Computer and Information Science, 2018, , 48-69.	0.5	2
53	Capability Support for Entrepreneurial Ventures. , 2018, , 311-325.		0
54	From big data to smart data: A genomic information systems perspective. , 2018, , .		7

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55	Towards a method to generate GUI prototypes from BPMN. , 2018, , .		8
56	Towards an effective medicine of precision by using conceptual modelling of the genome. , 2018, , .		5
57	Defining Interaction Design Patterns to Extract Knowledge from Big Data. Lecture Notes in Computer Science, 2018, , 490-504.	1.3	4
58	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
59	Exploring New Directions in Traceability Link Recovery in Models: The Process Models Case. Lecture Notes in Computer Science, 2018, , 359-373.	1.3	2
60	Editorial: Special Issue for Models and Data Engineering Conference (MEDI 2016). Computer Standards and Interfaces, 2018, 57, 74-75.	5.4	0
61	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
62	Design and Implementation of a Geis for the Genomic Diagnosis using the SILE Methodology. Case Study: Congenital Cataract. , 2018, , .		2
63	VarSearch: Annotating Variations using an e-Genomics Framework. , 2018, , .		3
64	Smart Data for Genomic Information Systems: the SILE Method. Complex Systems Informatics and Modeling Quarterly, 2018, , 1-23.	0.9	7
65	Context-Aware e-Government. , 2018, , 255-281.		0
66	Guidelines for Designing User Interfaces to Analyze Genetic Data. Case of Study: GenDomus. Communications in Computer and Information Science, 2018, , 3-22.	0.5	0
67	Capability Design with CDD. , 2018, , 101-116.		1
68	Special issue on conceptual modeling â€“ 34th International Conference on Conceptual Modeling (ER) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.4	0
69	Effectiveness Assessment of an Early Testing Technique using Model-Level Mutants. , 2017, , .		4
70	Analyzing the impact of natural language processing over feature location in models. , 2017, , .		1
71	Towards Feature Location in Models through a Learning to Rank Approach. , 2017, , .		9
72	Verifying goal-oriented specifications used in model-driven development processes. Information Systems, 2017, 64, 41-62.	3.6	6

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73	Analyzing the impact of natural language processing over feature location in models. ACM SIGPLAN Notices, 2017, 52, 63-76.	0.2	4
74	The Influence of Requirements in Software Model Development in an Industrial Environment. , 2017, , .		2
75	CoSTest: A Tool for Validation of Requirements at Model Level. , 2017, , .		7
76	A WIMS perspective for understanding the human genome. , 2017, , .		0
77	Exploratory usability evaluation of the capability-design tool. , 2017, , .		0
78	Model-Driven Development in Practice: From Requirements to Code. Lecture Notes in Computer Science, 2017, , 405-410.	1.3	6
79	Modeling Life: A Conceptual Schema-centric Approach to Understand the Genome. , 2017, , 25-40.		3
80	GenDomus: Interactive and Collaboration Mechanisms for Diagnosing Genetic Diseases. , 2017, , .		3
81	Selected Topics on Business Informatics: Editorial Introduction to Issue 13 of CSIMQ. Complex Systems Informatics and Modeling Quarterly, 2017, , I-II.	0.9	0
82	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
83	Continuous validation of a modelling tool in an industrial setting. , 2016, , .		2
84	Developing web applications for different architectures: The MoWebA approach. , 2016, , .		3
85	A navigational role-centric model oriented web approach - MoWebA. International Journal of Web Engineering and Technology, 2016, 11, 29.	0.2	9
86	Evaluating Bug-Fixing in Software Product Lines. , 2016, , .		6
87	A Capability-Driven Development Approach for Requirements and Business Process Modeling. Lecture Notes in Computer Science, 2016, , 3-8.	1.3	2
88	Mutation Operators for UML Class Diagrams. Lecture Notes in Computer Science, 2016, , 325-341.	1.3	9
89	Conceptual Modeling of Life: Beyond the Homo Sapiens. Lecture Notes in Computer Science, 2016, , 18-31.	1.3	9
90	Applying Conceptual Modeling to Better Understand the Human Genome. Lecture Notes in Computer Science, 2016, , 404-412.	1.3	33

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91	Use of GeIS for Early Diagnosis of Alcohol Sensitivity. , 2016, , .		9
92	Tailoring User Interfaces to Include Gesture-Based Interaction with gestUI. Lecture Notes in Computer Science, 2016, , 496-504.	1.3	0
93	Comprehensibility of Variability in Model Fragments for Product Configuration. Lecture Notes in Computer Science, 2016, , 476-490.	1.3	4
94	Learning Pros and Cons of Model-Driven Development in a Practical Teaching Experience. Lecture Notes in Computer Science, 2016, , 218-227.	1.3	0
95	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
96	Including multi-stroke gesture-based interaction in user interfaces using a model-driven method. , 2015, , .		2
97	Capability Driven Development: An Approach to Designing Digital Enterprises. Business and Information Systems Engineering, 2015, 57, 15-25.	6.1	102
98	GoBIS: An integrated framework to analyse the goal and business process perspectives in information systems. Information Systems, 2015, 53, 330-345.	3.6	16
99	E-genomic framework for delivering genomic services. An application to JABAWS. , 2015, , .		1
100	Modelling language quality evaluation in model-driven information systems engineering: A roadmap. , 2015, , .		7
101	What do we know about the defect types detected in conceptual models?. , 2015, , .		13
102	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
103	A framework to identify primitives that represent usability within Model-Driven Development methods. Information and Software Technology, 2015, 58, 338-354.	4.4	14
104	Conciliating Model-Driven Engineering with Technical Debt Using a Quality Framework. Lecture Notes in Business Information Processing, 2015, , 199-214.	1.0	7
105	The Practice of Enterprise Modeling. Lecture Notes in Business Information Processing, 2015, , .	1.0	1
106	Usability Evaluation of Variability Modeling by means of Common Variability Language. Complex Systems Informatics and Modeling Quarterly, 2015, , .	0.9	4
107	Integrating the Goal and Business Process Perspectives in Information System Analysis. Lecture Notes in Computer Science, 2014, , 332-346.	1.3	10
108	A proposal for modelling usability in a holistic MDD method. Science of Computer Programming, 2014, 86, 74-88.	1.9	14

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109	An integration architecture framework for e-genomics services. , 2014, , .		2
110	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
111	Towards the automated generation of abstract test cases from requirements models. , 2014, , .		10
112	Analysing the concept of quality in model-driven engineering literature: A systematic review. , 2014, , .		11
113	User interface design guidelines for rich applications in the context of cultural heritage data. , 2014, , .		3
114	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
115	Business Process Management Workshops. Lecture Notes in Business Information Processing, 2014, , .	1.0	6
116	BION2SEL: An Ontology-Based Approach for the Selection of Molecular Biology Databases. Lecture Notes in Computer Science, 2014, , 83-90.	1.3	0
117	Quality Model for Conceptual Models of MDD Environments. , 2014, , 111-139.		0
118	A Proposal to Elicit Usability Requirements within a Model-Driven Development Environment. International Journal of Information System Modeling and Design, 2014, 5, 1-21.	1.1	2
119	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
120	Data model extension for security event notification with dynamic risk assessment purpose. Science China Information Sciences, 2013, 56, 1-9.	4.3	3
121	Interaction Models Matter in the Evaluation of Quality of Conceptual Models. , 2013, , .		0
122	Towards a proposal to capture usability requirements through guidelines. , 2013, , .		9
123	An empirical approach for evaluating the usability of model-driven tools. Science of Computer Programming, 2013, 78, 2245-2258.	1.9	15
124	Supporting organisational evolution by means of model-driven reengineering frameworks. , 2013, , .		4
125	From Requirements to Code: A Full Model-Driven Development Perspective. Communications in Computer and Information Science, 2013, , 56-70.	0.5	2
126	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

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127	Welcome from the workshop chairs. , 2013, , .		0
128	Automating the Interoperability of Conceptual Models in Specific Development Domains. , 2013, , 349-373.		4
129	Multi-level Autonomic Business Process Management. Lecture Notes in Business Information Processing, 2013, , 184-198.	1.0	7
130	Including functional usability features in a model-driven development method. Computer Science and Information Systems, 2013, 10, 999-1024.	1.0	10
131	The Conceptual Model Is The Code. Why Not?. , 2013, , 153-159.		2
132	Accelerating Crosscutting Framework Reuse Using a Model-Based Approach. Lecture Notes in Business Information Processing, 2013, , 257-273.	1.0	0
133	EERMM: A Metamodel for the Enhanced Entity-Relationship Model. Lecture Notes in Computer Science, 2012, , 515-524.	1.3	9
134	Lessons learned from evaluating a checklist for reporting experimental and observational research. , 2012, , .		9
135	Usability requirements elicitation. , 2012, , .		1
136	Quality requirements engineering for systems and software architecting: methods, approaches, and tools. Requirements Engineering, 2012, 17, 255-258.	3.1	19
137	Towards CMMI-compliant Business Process-Driven Requirements Engineering. , 2012, , .		6
138	A Multi Level Approach to Autonomic Business Process. , 2012, , .		0
139	Model-Based Reuse for Crosscutting Frameworks: Assessing Reuse and Maintainability Effort. , 2012, , .		0
140	Conceptual Modeling of Human Genome: Integration Challenges. Lecture Notes in Computer Science, 2012, , 231-250.	1.3	7
141	Full Model-Driven Practice: From Requirements to Code Generation. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2012, , 701-702.	0.3	2
142	Using NFR and context to deal with adaptability in business process models. , 2011, , .		7
143	Using Papers Citations for Selecting the Best Genomic Databases. , 2011, , .		1
144	Towards a CMMI-Compliant Goal-Oriented Software Process through Model-Driven Development. Lecture Notes in Business Information Processing, 2011, , 253-267.	1.0	6

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145	Welcome from the workshop chairs. , 2011, , .		0
146	APPLYING VISUAL LEARNING IN THE TEACHING OF SOFTWARE MEASUREMENT CONCEPTS. International Journal of Software Engineering and Knowledge Engineering, 2011, 21, 431-446.	0.8	1
147	Systematic derivation of state machines from communication-oriented business process models. , 2011, , .		5
148	Conceptual-Model Programming: A Manifesto. , 2011, , 3-16.		24
149	Conceptual Modelling of Interaction. , 2011, , 335-358.		12
150	Systematic Derivation of Class Diagrams from Communication-Oriented Business Process Models. Lecture Notes in Business Information Processing, 2011, , 246-260.	1.0	15
151	A Conceptual Modeling Approach To Improve Human Genome Understanding. , 2011, , 517-541.		4
152	Facing the Challenges of Genome Information Systems: A Variation Analysis Prototype. Lecture Notes in Computer Science, 2011, , 222-237.	1.3	3
153	Towards an Experimental Framework for Measuring Usability of Model-Driven Tools. Lecture Notes in Computer Science, 2011, , 640-643.	1.3	2
154	A MDA Approach for avigational and User Perspectives. CLEI Electronic Journal, 2011, 14, .	0.3	1
155	An empirical comparative evaluation of requirements engineering methods. Journal of the Brazilian Computer Society, 2010, 16, 3-19.	1.3	18
156	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
157	A Quality Model for Conceptual Models of MDD Environments. Advances in Software Engineering, 2010, 2010, 1-17.	0.6	4
158	Linking Goal-Oriented Requirements and Model-Driven Development. , 2010, , 257-276.		10
159	A Tool for Automatic Defect Detection in Models Used in Model-Driven Engineering. , 2010, , .		7
160	Transformation templates. , 2010, , .		27
161	Evaluating the usefulness of a functional size measurement procedure to detect defects in MDD models. , 2010, , .		1
162	Usability evaluation of multi-device/platform user interfaces generated by model-driven engineering. , 2010, , .		31

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163	Enforcing Conceptual Modeling to improve the understanding of human genome. , 2010, , .		18
164	Configuring the Variability of Business Process Models Using Non-Functional Requirements. Lecture Notes in Business Information Processing, 2010, , 274-286.	1.0	15
165	Extending Organizational Modeling with Business Services Concepts: An Overview of the Proposed Architecture. Lecture Notes in Computer Science, 2010, , 483-488.	1.3	8
166	A Model-Driven Engineering Approach for Defining Rich Internet Applications. , 2010, , 40-58.		3
167	Understanding the Human Genome: A Conceptual Modeling-Based Approach. Lecture Notes in Computer Science, 2010, , 467-469.	1.3	3
168	Mutational Data Loading Routines for Human Genome Databases: the BRCA1 Case. Journal of Computing Science and Engineering, 2010, 4, 291-312.	0.6	2
169	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
170	Using UML profiles to interchange DSML and UML models. , 2009, , .		8
171	Using Profiles to Support Model Transformations in the Model-Driven Development of User Interfaces. , 2009, , 35-46.		6
172	Unity criteria for Business Process Modelling. , 2009, , .		13
173	Evaluating the Completeness and Granularity of Functional Requirements Specifications: A Controlled Experiment. , 2009, , .		21
174	A systematic mapping study on empirical evaluation of software requirements specifications techniques. , 2009, , .		53
175	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
176	Dealing with Abstract Interaction Modeling in an MDE Development Process: A Pattern-Based Approach. , 2009, , 1-10.		2
177	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
178	Communication Analysis: A Requirements Engineering Method for Information Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 530-545.	0.3	30
179	Applying a Functional Size Measurement Procedure for Defect Detection in MDD Environments. Communications in Computer and Information Science, 2009, , 57-68.	0.5	6
180	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

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181	ALIGNING GOAL-ORIENTED REQUIREMENTS ENGINEERING AND MODEL-DRIVEN DEVELOPMENT. , 2009, , .		3
182	Model-Driven Development. Informatik-Spektrum, 2008, 31, 394-407.	1.3	41
183	Automating the Measurement of Functional Size of Conceptual Models in an MDA Environment. Lecture Notes in Computer Science, 2008, , 215-229.	1.3	17
184	Improving Automatic UML2 Profile Generation for MDA Industrial Development. Lecture Notes in Computer Science, 2008, , 113-122.	1.3	13
185	Towards a Method for Evaluating the Precision of Software Measures (Short Paper). , 2008, , .		2
186	Understandability measurement in an early usability evaluation for model-driven development. , 2008, , .		6
187	Evaluation of software development through an MDA tool: a case study. IEEE Latin America Transactions, 2008, 6, 252-259.	1.6	2
188	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
189	How to Combine Requirements Engineering and Interaction Design?. , 2008, , .		5
190	A survey on web modeling approaches for ubiquitous web applications. International Journal of Web Information Systems, 2008, 4, 234-305.	2.4	42
191	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
192	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
193	Conceptual Model Generation from Requirements Model: A Natural Language Processing Approach. Lecture Notes in Computer Science, 2008, , 325-326.	1.3	22
194	An Ontological-Based Approach to Analyze Software Production Methods. Lecture Notes in Business Information Processing, 2008, , 258-270.	1.0	4
195	Conceptual Modeling Meets the Human Genome. Lecture Notes in Computer Science, 2008, , 1-11.	1.3	16
196	Dealing with Usability in Model Transformation Technologies. Lecture Notes in Computer Science, 2008, , 498-511.	1.3	14
197	Integrating Business Domain Ontologies with Early Requirements Modelling. Lecture Notes in Computer Science, 2008, , 282-291.	1.3	8
198	Towards a Communicational Perspective for Enterprise Information Systems Modelling. Lecture Notes in Business Information Processing, 2008, , 62-76.	1.0	1

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199	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
200	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
201	Towards an Early Usability Evaluation for Web Applications. Lecture Notes in Computer Science, 2007, , 32-45.	1.3	5
202	Generating User Interfaces from Conceptual Models: A Model-Transformation Based Approach. , 2007, , 1-14.		4
203	Conceptual Alignment of Software Production Methods. , 2007, , 209-228.		7
204	Improvement of a Web Engineering Method Through Usability Patterns. , 2007, , 441-446.		1
205	The Beautification Process in Model-Driven Engineering of User Interfaces. Lecture Notes in Computer Science, 2007, , 411-425.	1.3	8
206	Requirements Engineering for Pervasive Systems. A Transformational Approach. , 2006, , .		4
207	An Empirical Study on the Likelihood of Adoption in Practice of a Size Measurement Procedure for Requirements Specification. , 2006, , .		4
208	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
209	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
210	Preface to SMIWEP-MATeS'06. , 2006, , .		0
211	Dealing with crosscutting concerns in a model based software production method. , 2006, , .		1
212	From Early to Late Requirements: A Goal-Based Approach. , 2006, , 123-142.		6
213	Towards an End-User Development Approach for Web Engineering Methods. Lecture Notes in Computer Science, 2006, , 528-543.	1.3	6
214	Towards a Holistic Conceptual Modelling-Based Software Development Process. Lecture Notes in Computer Science, 2006, , 437-450.	1.3	2
215	Building Semantic Web Services Based on a Model Driven Web Engineering Method. Lecture Notes in Computer Science, 2006, , 173-182.	1.3	4
216	Designing Web Services for Supporting User Tasks: A Model Driven Approach. Lecture Notes in Computer Science, 2006, , 193-202.	1.3	8

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217	Evaluating the Productivity and Reproducibility of a Measurement Procedure. Lecture Notes in Computer Science, 2006, , 352-361.	1.3	6
218	Model to Text Transformation in Practice: Generating Code from Rich Associations Specifications. Lecture Notes in Computer Science, 2006, , 63-72.	1.3	8
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