

# Mario Gerardo Piattini Velthuis

## List of Publications by Year in descending order

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558  
papers

9,178  
citations

61857

43  
h-index

95083

68  
g-index

576  
all docs

576  
docs citations

576  
times ranked

4264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum software testing: State of the art. Journal of Software: Evolution and Process, 2023, 35, .	1.2	5
2	Quantum Software Components and Platforms: Overview and Quality Assessment. ACM Computing Surveys, 2023, 55, 1-31.	16.1	8
3	What Makes Agile Software Development Agile?. IEEE Transactions on Software Engineering, 2022, 48, 3523-3539.	4.3	21
4	A method for transforming knowledge discovery metamodel to ArchiMate models. Software and Systems Modeling, 2022, 21, 311-336.	2.2	1
5	QRev: migrating quantum code towards hybrid information systems. Software Quality Journal, 2022, 30, 551-580.	1.4	0
6	Application of ISO/IEC TR 33014 to the improvement of Green IT processes. Computer Standards and Interfaces, 2022, 82, 103611.	3.8	2
7	A checklist for the evaluation of software process line approaches. Information and Software Technology, 2022, 146, 106864.	3.0	4
8	A Common Terminology for Software Risk Management. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-47.	4.8	1
9	<scp>QuantumPath</scp>: A quantum software development platform. Software - Practice and Experience, 2022, 52, 1517-1530.	2.5	6
10	BR4DQ: A methodology for grouping business rules for data quality evaluation. Information Systems, 2022, 109, 102058.	2.4	5
11	Design of classical-quantum systems with UML. Computing (Vienna/New York), 2022, 104, 2375-2403.	3.2	4
12	The role of awareness and gamification on technical debt management. Information and Software Technology, 2022, 150, 106946.	3.0	2
13	Software modernization to embrace quantum technology. Advances in Engineering Software, 2021, 151, 102933.	1.8	34
14	Governance and Management of Green IT: A Multi-Case Study. Information and Software Technology, 2021, 129, 106414.	3.0	6
15	ArchiRevâ€”Reverse engineering of information systems toward ArchiMate models. An industrial case study. Journal of Software: Evolution and Process, 2021, 33, e2314.	1.2	5
16	A Systematic Mapping Study on Analysis of Code Repositories. Informatica, 2021, , 619-660.	1.5	5
17	A New Path to Create Solutions for Quantum Annealing Problems. Journal of Quantum Information Science, 2021, 11, 112-123.	0.2	1
18	Towards a Set of Metrics for Quantum Circuits Understandability. Communications in Computer and Information Science, 2021, , 239-249.	0.4	8

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19	Using an Educational Mobile Application for Learning the Essence 1.2 Kernel Alphas. IEEE Latin America Transactions, 2021, 19, 625-633.	1.2	1
20	Carrot and Stick approaches revisited when managing Technical Debt in an educational context. , 2021, , ,		1
21	Modelling Quantum Circuits with UML. , 2021, , ,		16
22	Data quality certification using ISO/IEC 25012: Industrial experiences. Journal of Systems and Software, 2021, 176, 110938.	3.3	25
23	System quality and security certification in seven weeks: A multi-case study in Spanish SMEs. Journal of Systems and Software, 2021, 178, 110960.	3.3	1
24	Toward a Quantum Software Engineering. IT Professional, 2021, 23, 62-66.	1.4	43
25	KDM to UML Model Transformation for Quantum Software Modernization. Communications in Computer and Information Science, 2021, , 211-224.	0.4	3
26	Governance and Management of Green IT. , 2021, , 243-267.		1
27	Introduction to Software Sustainability. , 2021, , 1-15.		5
28	Understanding the Impact of Development Efforts in Code Quality. Journal of Universal Computer Science, 2021, 27, 1096-1127.	0.6	0
29	Software Development Process Assessment With MMIS v.2, an ISO/IEC 33000-Based Model. IT Professional, 2021, 23, 17-23.	1.4	4
30	Using web-based gamified software to learn Boolean algebra simplification in a blended learning setting. Computer Applications in Engineering Education, 2020, 28, 1591-1611.	2.2	6
31	Process Reference Model for BizDevOps. , 2020, , ,		1
32	Esquema de certificaci3n por conformidad de requisitos del est3ndar ISO/IEC 29110 para la calidad de las empresas software. , 2020, , ,		0
33	An architecture for software engineering gamification. Tsinghua Science and Technology, 2020, 25, 776-797.	4.1	15
34	Risk management in the software life cycle: A systematic literature review. Computer Standards and Interfaces, 2020, 71, 103431.	3.8	16
35	Requirements for adopting software process lines. Journal of Systems and Software, 2020, 164, 110546.	3.3	5
36	A decision-making support system for Enterprise Architecture Modelling. Decision Support Systems, 2020, 131, 113249.	3.5	7

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37	Special issue on quality management for information systems. Software Quality Journal, 2020, 28, 891-894.	1.4	0
38	Global software development governance: Challenges and solutions. Journal of Software: Evolution and Process, 2020, 32, e2266.	1.2	17
39	Adapting COBIT for Quantum Computing Governance. Communications in Computer and Information Science, 2020, , 274-283.	0.4	2
40	A New Approach for Information System Audit Teaching. Journal of Universal Computer Science, 2020, 26, 624-646.	0.6	0
41	Architecting business process maps. Computer Science and Information Systems, 2020, 17, 117-139.	0.7	6
42	Measuring the Maturity of BizDevOps. Communications in Computer and Information Science, 2020, , 199-210.	0.4	3
43	Towards a Reference Architecture for ADM-based Modernization Tools. , 2019, , .		2
44	Application of ISO/IEC 33000 to Green IT: A Case Study. IEEE Access, 2019, 7, 116380-116389.	2.6	5
45	Assessing the greenability of ensembles. , 2019, , .		1
46	Enterprise Architecture. IEEE Software, 2019, 36, 12-19.	2.1	10
47	A systematic mapping study on enterprise architecture mining. Enterprise Information Systems, 2019, 13, 675-718.	3.3	16
48	Application of ISO 14000 to Information Technology Governance and Management. Computer Standards and Interfaces, 2019, 65, 180-202.	3.8	18
49	Software Verification and Validation Technologies and Tools. IEEE Software, 2019, 36, 13-24.	2.1	28
50	Maturity model based on CMMI for governance and management of Green IT. IET Software, 2019, 13, 555-563.	1.5	10
51	Business process model refactoring applying IBUPROFEN. An industrial evaluation. Journal of Systems and Software, 2019, 147, 86-103.	3.3	19
52	A Teaching Experience on Information Systems Auditing. Advances in Intelligent Systems and Computing, 2019, , 114-122.	0.5	0
53	Bottom-up authoring of software engineering methods and practices. Journal of Applied Research and Technology, 2019, 17, .	0.6	0
54	Green IT Governance and Management based on ISO/IEC 15504. Computer Standards and Interfaces, 2018, 60, 26-36.	3.8	14

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55	Interactions between environmental sustainability goals and software product quality: A mapping study. <i>Information and Software Technology</i> , 2018, 95, 108-129.	3.0	40
56	A systematic mapping study about socio-technical congruence. <i>Information and Software Technology</i> , 2018, 94, 111-129.	3.0	14
57	Data Quality Best Practices in IoT Environments. , 2018, , .		12
58	From big data to smart data: a data quality perspective. , 2018, , .		9
59	Software Refactoring for System Modernization. <i>IEEE Software</i> , 2018, 35, 62-67.	2.1	6
60	An empirical study on how project context impacts on code cloning. <i>Journal of Software: Evolution and Process</i> , 2018, 30, e2115.	1.2	1
61	DAQUA-MASS: An ISO 8000-61 Based Data Quality Management Methodology for Sensor Data. <i>Sensors</i> , 2018, 18, 3105.	2.1	13
62	Artifact-based vs. human-perceived understandability and modifiability of refactored business processes: An experiment. <i>Journal of Systems and Software</i> , 2018, 144, 143-164.	3.3	13
63	Quality of Data Warehouses. , 2018, , 2958-2965.		0
64	A Social Network to Increase Collaboration and Coordination in Distributed Teams. <i>Computacion Y Sistemas</i> , 2018, 22, .	0.2	0
65	Fostering Knowledge Reuse in Communities of Practice by Using a Trust Model and Agents. <i>International Journal of Information Technology and Decision Making</i> , 2017, 16, 1409-1439.	2.3	1
66	A case study about the improvement of business process models driven by indicators. <i>Software and Systems Modeling</i> , 2017, 16, 759-788.	2.2	15
67	MAMD 2.0: Environment for data quality processes implantation based on ISO 8000-6X and ISO/IEC 33000. <i>Computer Standards and Interfaces</i> , 2017, 54, 139-151.	3.8	15
68	A framework for gamification in software engineering. <i>Journal of Systems and Software</i> , 2017, 132, 21-40.	3.3	92
69	Towards a service architecture for master data exchange based on ISO 8000 with support to process large datasets. <i>Computer Standards and Interfaces</i> , 2017, 54, 94-104.	3.8	13
70	Green IT maturity models: A systematic mapping study. , 2017, , .		4
71	A classification approach of sustainability aware requirements methods. , 2017, , .		8
72	Puzzling out Software Sustainability. <i>Sustainable Computing: Informatics and Systems</i> , 2017, 16, 117-124.	1.6	37

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73	Serious Games When Used to Learn Software Processes: An Analysis from a Pedagogical Perspective. , 2017, , .		3
74	A Governance and Management Framework for Green IT. Sustainability, 2017, 9, 1761.	1.6	24
75	Quality of Data Warehouses. , 2017, , 1-7.		0
76	A SPICE-Based Maturity Model for the Governance and Management of Green IT. Communications in Computer and Information Science, 2017, , 143-155.	0.4	2
77	Applying the Action-Research Method to Develop a Methodology to Reduce the Installation and Maintenance Times of Information Security Management Systems. Future Internet, 2016, 8, 36.	2.4	3
78	Empowering global software development with business intelligence. Information and Software Technology, 2016, 76, 81-91.	3.0	4
79	PAIS-DQ: Extending process-aware information systems to support data quality in PAIS life-cycle. , 2016, , .		1
80	GSDgame: A Serious Game for the Acquisition of the Competencies Needed in GSD. , 2016, , .		3
81	A Process Support with Which to Identify Interactions Between Quality Characteristics. Communications in Computer and Information Science, 2016, , 21-39.	0.4	1
82	Methodology to Construct Educational Video Games in Software Engineering. , 2016, , .		10
83	A Data Quality in Use model for Big Data. Future Generation Computer Systems, 2016, 63, 123-130.	4.9	123
84	A validated ontology for global software development. Computer Standards and Interfaces, 2016, 46, 66-78.	3.8	23
85	A research framework for building SPI proposals in small organizations: the COMPETISOFT experience. Software Quality Journal, 2016, 24, 489-518.	1.4	7
86	MAMD: Towards a Data Improvement Model Based on ISO 8000-6X and ISO/IEC 33000. Communications in Computer and Information Science, 2016, , 241-253.	0.4	2
87	A Serious Game to Improve Students's Skills in Global Software Development. , 2016, , .		0
88	A 360-degree process improvement approach based on multiple models. Revista Facultad De IngenierÃa, 2015, , .	0.5	2
89	The making of an OMG standard. Computer Standards and Interfaces, 2015, 42, 84-94.	3.8	15
90	A First Approach on Legacy System Energy Consumption Measurement. , 2015, , .		3

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91	Towards a Construction and Validation of a Serious Game Product Quality Model. , 2015, , .		3
92	Approaches to promote product quality within software process improvement initiatives: A mapping study. Journal of Systems and Software, 2015, 103, 150-166.	3.3	34
93	Visualisation environment for global software development management. IET Software, 2015, 9, 51-64.	1.5	4
94	A Systematic Mapping Study on Gamified Software Quality. , 2015, , .		8
95	I8K   DQ-BigData: I8K Architecture Extension for Data Quality in Big Data. Lecture Notes in Computer Science, 2015, , 164-172.	1.0	4
96	PROW: A Pairwise algorithm with constRaints, Order and Weight. Journal of Systems and Software, 2015, 99, 1-19.	3.3	8
97	Gamification in software engineering â€“ A systematic mapping. Information and Software Technology, 2015, 57, 157-168.	3.0	270
98	Introduction to Green in Software Engineering. , 2015, , 3-27.		37
99	Green Software Maintenance. , 2015, , 205-229.		3
100	Identifying Quality Characteristic Interactions during Software Development. , 2015, , .		4
101	Validating a Software Engineering Framework Through Technical-Action-Research in Union with Case Studies. Lecture Notes in Business Information Processing, 2015, , 303-327.	0.8	0
102	Model-Driven Reverse Engineering of Open Source Systems. , 2015, , 1966-1987.		0
103	Using Technical-Action-Research to Validate a Framework for Authoring Software Engineering Methods. , 2015, , .		1
104	Assessing event correlation in non-process-aware information systems. Software and Systems Modeling, 2014, 13, 1117.	2.2	13
105	Analyzing the Harmful Effect of God Class Refactoring on Power Consumption. IEEE Software, 2014, 31, 48-54.	2.1	69
106	Ontology-based similarity applied to business process clustering. Journal of Software: Evolution and Process, 2014, 26, 1128-1149.	1.2	4
107	A systematic mapping study on serious game quality. , 2014, , .		24
108	Evaluation of a simulation platform for interaction training: A multi-phased methodology. , 2014, , .		1

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109	Assessment process for a simulation-based training environment in global software development. , 2014, , .		3
110	A Data Quality in Use Model for Big Data. Lecture Notes in Computer Science, 2014, , 65-74.	1.0	28
111	Using agents to manage Socio-Technical Congruence in a Global Software Engineering project. Information Sciences, 2014, 264, 230-259.	4.0	15
112	An integrated approach based on execution measures for the continuous improvement of business processes realized by services. Information and Software Technology, 2014, 56, 134-162.	3.0	37
113	Global Software Development Education: A Commercial Perspective from a Case Study. , 2014, , .		4
114	Mutation Testing. IEEE Software, 2014, 31, 30-35.	2.1	41
115	Current state of IT Governance in banking. , 2014, , .		1
116	Walk before you run. , 2014, , .		2
117	Model-Driven Reverse Engineering of Open Source Systems. Advances in Business Information Systems and Analytics Book Series, 2014, , 139-160.	0.3	0
118	Software modernization by recovering Web services from legacy databases. Journal of Software: Evolution and Process, 2013, 25, 507-533.	1.2	17
119	A maturity model for the Spanish software industry based on ISO standards. Computer Standards and Interfaces, 2013, 35, 616-628.	3.8	39
120	Applying Q-methodology to analyse the success factors in GSD. Information and Software Technology, 2013, 55, 1200-1211.	3.0	13
121	Continuous Improvement of Business Processes Realized by Services Based on Execution Measurement. Communications in Computer and Information Science, 2013, , 64-81.	0.4	1
122	Systematic Review on Software Product Line Testing. Communications in Computer and Information Science, 2013, , 58-71.	0.4	11
123	Capturing data quality requirements for web applications by means of DQ_WebRE. Information Systems Frontiers, 2013, 15, 433-445.	4.1	14
124	Towards a Global Software Development Community Web: Identifying Patterns and Scenarios. , 2013, , .		5
125	Simulating Global Software Development Processes for Use in Education: A Feasibility Study. Communications in Computer and Information Science, 2013, , 36-47.	0.4	5
126	MIMOS, System Model-Driven Migration Project. , 2013, , .		1



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127	A teaching experience on software reengineering. , 2013, , .		2
128	Automated generation of test oracles using a model-driven approach. Information and Software Technology, 2013, 55, 301-319.	3.0	25
129	A Practical Teaching Experience about Software Reengineering. Procedia, Social and Behavioral Sciences, 2013, 83, 254-260.	0.5	0
130	Improving Quality of Business Process Models. Communications in Computer and Information Science, 2013, , 130-144.	0.4	6
131	From chaos to the systematic harmonization of multiple reference models: A harmonization framework applied in two case studies. Journal of Systems and Software, 2013, 86, 125-143.	3.3	41
132	Test Automation. IEEE Software, 2013, 30, 84-89.	2.1	24
133	Assessing the best-order for business process model refactoring. , 2013, , .		7
134	Process variability management in global software development: a case study. , 2013, , .		6
135	CONCEPT LOCATION MODELING THROUGH BUSINESS PROCESS VIEWS. International Journal of Cooperative Information Systems, 2013, 22, 1350005.	0.6	0
136	TOWARD A QUALITY FRAMEWORK FOR BUSINESS PROCESS MODELS. International Journal of Cooperative Information Systems, 2013, 22, 1350003.	0.6	18
137	A Framework to Support Software Quality Trade-Offs from a Process-Based Perspective. Communications in Computer and Information Science, 2013, , 96-107.	0.4	4
138	Improving Business Process Model after Reverse Engineering. Communications in Computer and Information Science, 2013, , 218-228.	0.4	1
139	The Influence of Process Quality on Product Usability: A Systematic Review. CLEI Electronic Journal, 2013, 16, .	0.2	8
140	Main Principles on the Integration of SOC and MDD Paradigms to Business Processes: A Systematic Review. Communications in Computer and Information Science, 2013, , 88-108.	0.4	5
141	Correlation of Business Activities Executed in Legacy Information Systems. Communications in Computer and Information Science, 2013, , 48-63.	0.4	1
142	Towards Understanding Software Process Variability from Contextual Evidence of Change. Lecture Notes in Business Information Processing, 2013, , 417-431.	0.8	3
143	Repairing Business Process Models as Retrieved from Source Code. Lecture Notes in Business Information Processing, 2013, , 94-108.	0.8	3
144	Integrating event logs into KDM repositories. , 2012, , .		6

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145	DPMTool: A Tool for Decisions Management in Distributed Software Projects. , 2012, , .		3
146	Providing Training in GSD by Using a Virtual Environment. Lecture Notes in Computer Science, 2012, , 203-217.	1.0	4
147	Model transformations for Business-IT alignment. , 2012, , .		9
148	Towards an ontology for global software development. IET Software, 2012, 6, 214.	1.5	15
149	A software maintenance methodology for small organizations: Agile_MANTEMA. Journal of Software: Evolution and Process, 2012, 24, 851-876.	1.2	13
150	LOPD Compliance and ISO 27001 legal requirements in the Health Sector. IEEE Latin America Transactions, 2012, 10, 1824-1837.	1.2	1
151	Cultural and linguistic problems in GSD: a simulator to train engineers in these issues. Journal of Software: Evolution and Process, 2012, 24, 707-717.	1.2	12
152	A case study on business process recovery using an e-government system. Software - Practice and Experience, 2012, 42, 159-189.	2.5	13
153	Harmonization of ISO/IEC 9001:2000 and CMMI-DEV: from a theoretical comparison to a real case application. Software Quality Journal, 2012, 20, 309-335.	1.4	35
154	An ontology for the harmonization of multiple standards and models. Computer Standards and Interfaces, 2012, 34, 48-59.	3.8	79
155	Tools used in Global Software Engineering: A systematic mapping review. Information and Software Technology, 2012, 54, 663-685.	3.0	88
156	A family of case studies on business process mining using MARBLE. Journal of Systems and Software, 2012, 85, 1370-1385.	3.3	15
157	A conceptual modeling quality framework. Software Quality Journal, 2012, 20, 201-228.	1.4	106
158	Requirements and constructors for tailoring software processes: a systematic literature review. Software Quality Journal, 2012, 20, 229-260.	1.4	45
159	Towards the Harmonization of Process and Product Oriented Software Quality Approaches. Communications in Computer and Information Science, 2012, , 133-144.	0.4	9
160	Developing Secure Business Processes. , 2012, , 146-169.		0
161	ISMS Building for SMEs through the Reuse of Knowledge. , 2012, , 90-116.		0
162	Empirical Assessment of Business Model Transformations Based on Model Simulation. Lecture Notes in Computer Science, 2012, , 137-151.	1.0	2

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163	VENTURE: Towards a framework for simulating GSD in educational environments. , 2011, , .		1
164	An Architecture for Creating Simulators for Training Global Software Development. , 2011, , .		0
165	Diagnosis of software erosion through fuzzy logic. , 2011, , .		0
166	Software Generic Measurement Framework Based on MDA. IEEE Latin America Transactions, 2011, 9, 864-871.	1.2	6
167	Obtaining Thresholds for the Effectiveness of Business Process Mining. , 2011, , .		3
168	Applying AOSE Concepts to Model Crosscutting Variability in Variant-Rich Processes. , 2011, , .		7
169	Trends in Harmonization of Multiple Reference Models. Communications in Computer and Information Science, 2011, , 61-73.	0.4	16
170	Supporting the combination and integration of multiple standards and models. , 2011, , .		2
171	Scrum-based Methodology for Distributed Software Development. , 2011, , .		19
172	Capturing data quality requirements for web applications by means of DQ_WebRE. , 2011, , .		2
173	Homogenization, Comparison and Integration: A Harmonizing Strategy for the Unification of Multi-models in the Banking Sector. Lecture Notes in Computer Science, 2011, , 59-72.	1.0	14
174	A Model Based Testing Approach for Model-Driven Development and Software Product Lines. Communications in Computer and Information Science, 2011, , 193-208.	0.4	2
175	Modelling software process variability: an empirical study. IET Software, 2011, 5, 172.	1.5	47
176	Process mining through dynamic analysis for modernising legacy systems. IET Software, 2011, 5, 304.	1.5	18
177	Harmonizing Quality Assurance Processes and Product Characteristics. Computer, 2011, 44, 94-96.	1.2	4
178	Reengineering Technologies. IEEE Software, 2011, 28, 13-17.	2.1	11
179	Knowledge Discovery Metamodel-ISO/IEC 19506: A standard to modernize legacy systems. Computer Standards and Interfaces, 2011, 33, 519-532.	3.8	81
180	Secure business process model specification through a UML 2.0 activity diagram profile. Decision Support Systems, 2011, 51, 446-465.	3.5	66

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181	Graphical versus textual software measurement modelling: an empirical study. <i>Software Quality Journal</i> , 2011, 19, 201-233.	1.4	12
182	Systematic design of secure Mobile Grid systems. <i>Journal of Network and Computer Applications</i> , 2011, 34, 1168-1183.	5.8	9
183	Business process archeology using MARBLE. <i>Information and Software Technology</i> , 2011, 53, 1023-1044.	3.0	50
184	Generating event logs from non-process-aware systems enabling business process mining. <i>Enterprise Information Systems</i> , 2011, 5, 301-335.	3.3	49
185	MARBLE. A business process archeology tool. , 2011, , .		17
186	An empirical comparison of static and dynamic business process mining. , 2011, , .		4
187	Toward Obtaining Event Logs from Legacy Code. <i>Lecture Notes in Business Information Processing</i> , 2011, , 201-207.	0.8	7
188	Business Process Service Oriented Methodology (BPSOM) with Service Generation in SoaML. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2011, , 672-680.	0.2	14
189	Managing Process Diversity by Applying Rationale Management in Variant Rich Processes. <i>Lecture Notes in Computer Science</i> , 2011, , 128-142.	1.0	4
190	HProcessTOOL: A Support Tool in the Harmonization of Multiple Reference Models. <i>Lecture Notes in Computer Science</i> , 2011, , 370-382.	1.0	13
191	A Survey on How to Manage Specific Data Quality Requirements during Information System Development. <i>Communications in Computer and Information Science</i> , 2011, , 16-30.	0.4	7
192	A Security Requirements Engineering Tool for Domain Engineering in Software Product Lines. , 2011, , 73-92.		1
193	Harmonizing maturity levels from CMMIâ€œDEV and ISO/IEC 15504. <i>Journal of Software: Evolution and Process</i> , 2010, 22, 279-296.	1.1	12
194	Defining and transforming security rules in an MDA approach for DWs. <i>International Journal of Business Intelligence and Data Mining</i> , 2010, 5, 116.	0.2	5
195	A framework to improve communication during the requirements elicitation process in GSD projects. <i>Requirements Engineering</i> , 2010, 15, 397-417.	2.1	31
196	A Personal Data Audit Method through Requirements Engineering. <i>Computer Standards and Interfaces</i> , 2010, 32, 166-178.	3.8	12
197	Using Scrum to guide the execution of software process improvement in small organizations. <i>Journal of Systems and Software</i> , 2010, 83, 1662-1677.	3.3	37
198	MIS-PyME software measurement capability maturity model â€œ Supporting the definition of software measurement programs and capability determination. <i>Advances in Engineering Software</i> , 2010, 41, 1223-1237.	1.8	33

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199	Analysis of Secure Mobile Grid Systems: A systematic approach. Information and Software Technology, 2010, 52, 517-536.	3.0	21
200	Semi-formal transformation of secure business processes into analysis class and use case models: An MDA approach. Information and Software Technology, 2010, 52, 945-971.	3.0	74
201	Assessment methodology for software process improvement in small organizations. Information and Software Technology, 2010, 52, 1044-1061.	3.0	50
202	Security requirements engineering framework for software product lines. Information and Software Technology, 2010, 52, 1094-1117.	3.0	41
203	The impact of structural complexity on the understandability of UML statechart diagrams. Information Sciences, 2010, 180, 2209-2220.	4.0	50
204	Assessing the influence of import-coupling on OCL expression maintainability: A cognitive theory-based perspective. Information Sciences, 2010, 180, 3837-3862.	4.0	3
205	Measurement in business processes: a systematic review. Business Process Management Journal, 2010, 16, 114-134.	2.4	98
206	A Methodology for Continuous Quality Assessment of Software Artefacts. , 2010, , .		8
207	A training tool for Global Software Development. , 2010, , .		3
208	On the use of patterns to recover business processes. , 2010, , .		8
209	A Strategy for Painless Harmonization of Quality Standards: A Real Case. Lecture Notes in Computer Science, 2010, , 395-408.	1.0	10
210	Prediction of Business Process Model Quality Based on Structural Metrics. Lecture Notes in Computer Science, 2010, , 458-463.	1.0	17
211	A process for driving the harmonization of models. , 2010, , .		13
212	A Framework for Training Skills for Global Software Development: PhD Research Proposal. , 2010, , .		1
213	Preparing Students and Engineers for Global Software Development: A Systematic Review. , 2010, , .		47
214	Managing the Asset Risk of SMEs. , 2010, , .		3
215	An Educational Environment for Training Skills for Global Software Development. , 2010, , .		3
216	Towards an ontology for service oriented modeling supporting business processes. , 2010, , .		13

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217	Software Generic Measurement Framework Based on MDA. IEEE Latin America Transactions, 2010, 8, 605-613.	1.2	0
218	From BPMN business process models to SoaML service models: A transformation-driven approach. , 2010, , .		17
219	Tools to Support Global Software Development Processes: A Survey. , 2010, , .		27
220	Implementing Business Process Recovery Patterns through QVT Transformations. Lecture Notes in Computer Science, 2010, , 168-183.	1.0	16
221	Mapping Software Acquisition Practices from ISO 12207 and CMMI. Communications in Computer and Information Science, 2010, , 234-247.	0.4	6
222	Building ISMS through the Reuse of Knowledge. Lecture Notes in Computer Science, 2010, , 190-201.	1.0	2
223	A Tool for Training Students and Engineers in Global Software Development Practices. Lecture Notes in Computer Science, 2010, , 169-184.	1.0	4
224	MINERVA: Model driven and sErvice oRiented Framework for the Continuous Business Process improvement and relAted Tools. Lecture Notes in Computer Science, 2010, , 456-466.	1.0	13
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