Giancarlo Succi

List of Publications by Year
in descending order

277 papers	4,426 citations	159358 30 h-index	205818 48 g-index
295 all docs	295 docs citations	295 times ranked	2180 citing authors

#	Article	IF	Citations
1	Meta-analytical comparison of energy consumed by two sorting algorithms. Information Sciences, 2022, 582, 767-777.	4.0	6
2	Granular models as networks of associations of information granules: A development scheme via augmented principle of justifiable granularity. Applied Soft Computing Journal, 2022, 115, 108062.	4.1	5
3	Software Engineering and Filmmaking: A Literature Review. Frontiers in Computer Science, 2022, 4, .	1.7	1
4	Issues in the Adoption of the Scaled Agile Framework. , 2022, , .		0
5	Interest identification from browser tab titles: A systematic literature review. Computers in Human Behavior Reports, 2022, 7, 100187.	2.3	4
6	Metrics forÂSoftware Process Quality Assessment inÂtheÂLate Phases ofÂSDLC. Lecture Notes in Networks and Systems, 2022, , 639-655.	0.5	2
7	Predicting Type Annotations for Python using Embeddings from Graph Neural Networks. , 2021, , .		3
8	Systemic Theory for Software Teams: A Perspective. , 2021, , .		0
9	Empirical Research on Customer Communication Challenges in the Companies Adopting Agile Practices. , 2021, , .		0
10	Toward Understanding Personalities Working on Computer: A Preliminary Study Focusing on Collusion/Plagiarism. , 2021, , .		1
11	Root Causes of Interaction Issues in Agile Software Development Teams: Status and Perspectives. Advances in Intelligent Systems and Computing, 2021, , 1017-1036.	0.5	9
12	Using Tools for the Analysis of the Mental Activity of Programmers. Lecture Notes in Computer Science, 2021, , 321-337.	1.0	0
13	A Browser Extension to Facilitate Language Acquisition. , 2021, , .		0
14	Non Verbal Communication in Software Engineering â€" An Empirical Study. IEEE Access, 2021, 9, 71942-71953.	2.6	20
15	The pareto distribution of software features and no-code. , 2021, , .		3
16	Towards the no-code era: a vision and plan for the future of software development. , 2021, , .		4
17	Tailored performance dashboardsâ€"an evaluation of the state of the art. PeerJ Computer Science, 2021, 7, e625.	2.7	2
18	Musical Practices in Software Development: Insights from Gary Marcusâ€™s Guitar Zero. , 2021, , .		3

#	Article	IF	Citations
19	Incorporating energy efficiency measurement into CICD pipeline. , 2021, , .		3
20	Systematizing the Meta-Analytical Process in Software Engineering. , 2021, , .		0
21	An Open-Source Software Metric Tool for Defect Prediction, Its Case Study and Lessons We Learned. Advances in Intelligent Systems and Computing, 2020, , 76-85.	0.5	0
22	Preliminary findings on tools for the analysis of mental activity of programmers using EEG data from portable devices. , 2020, , .		0
23	Elaborating Validation Scenarios Based on the Context Analysis and Combinatorial Method: Example of the Power-Efficiency Framework Innomterics. Electronics (Switzerland), 2020, 9, 2111.	1.8	1
24	Analysis of Energy Consumption of Software Development Process Entities. Electronics (Switzerland), 2020, 9, 1678.	1.8	15
25	Open Source Systems. IFIP Advances in Information and Communication Technology, 2020, , .	0.5	0
26	Metrics of energy consumption in software systems: a systematic literature review. IOP Conference Series: Earth and Environmental Science, 2020, 431, 012051.	0.2	11
27	InnoMetrics Dashboard: The Design, and Implementation of the Adaptable Dashboard for Energy-Efficient Applications Using Open Source Tools. IFIP Advances in Information and Communication Technology, 2020, , 163-176.	0.5	8
28	The Development of Data Collectors in Open-Source System for Energy Efficiency Assessment. IFIP Advances in Information and Communication Technology, 2020, , 14-24.	0.5	6
29	Comparison of Agile, Quasi-Agile and Traditional Methodologies. Advances in Intelligent Systems and Computing, 2020, , 128-137.	0.5	0
30	Recruiting Software Developers a Survey of Current Russian Practices. Advances in Intelligent Systems and Computing, 2020, , 110-127.	0.5	0
31	Experience of Mixed Learning Strategies in Teaching Lean Software Development to Third Year Undergraduate Students. Lecture Notes in Computer Science, 2020, , 42-59.	1.0	0
32	Obtaining Data from the Third-Party Systems for Software Development Process Analysis. , 2020, , .		2
33	Approaches for Representing Software as Graphs for Machine Learning Applications. , 2020, , .		1
34	A Systematic Literature Review of Studies Related to Mental Activities of Software Developers. , 2020, , .		0
35	Learning Agility from Dancers â€" Experience and Lesson Learnt. Lecture Notes in Computer Science, 2020, , 112-120.	1.0	1
36	A Survey on the Effects of Working Conditions on Programming Efficiency in an Educational Environment. Lecture Notes in Computer Science, 2020, , 289-300.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Representing Programs with Dependency and Function Call Graphs for Learning Hierarchical Embeddings. , 2020, , .		1
38	Energy Efficient Software Development Process Evaluation for MacOS Devices. IFIP Advances in Information and Communication Technology, 2020, , 196-206.	0.5	5
39	A Review of the Structure of a Course on Advanced Statistics for Data Scientists. Lecture Notes in Computer Science, 2020, , 19-27.	1.0	0
40	An Experience in Monitoring EEG Signals of Software Developers During Summer Student Internships. Lecture Notes in Computer Science, 2020, , 267-278.	1.0	1
41	Analysis of Development Tool Usage in Software Engineering Classes. Lecture Notes in Computer Science, 2020, , 295-309.	1.0	2
42	Understanding Interaction and Communication Challenges Present in Software Engineering. , 2020, , .		0
43	An Experience in Collecting Requirements for Mobile, Energy Efficient Applications from End Customers in the Bank Sector. , 2020, , .		0
44	Software design as story telling: reflecting on the work of Italo Calvino. , 2020, , .		0
45	Mining Plausible Hypotheses from the Literature Via Meta-Analysis. , 2019, , .		3
46	A Lean and Devops Approach to Teach Lean Software Development. Lecture Notes in Computer Science, 2019, , 196-204.	1.0	1
47	Scenarios for the evaluation of the energy efficiency of mobile applications. , 2019, , .		3
48	Authentication in cloud-driven IoT-based big data environment: Survey and outlook. Journal of Systems Architecture, 2019, 97, 185-196.	2.5	120
49	Initial evaluation of the brain activity under different software development situations. , 2019, , .		6
50	Measurements for Energy Efficient, Adaptable, Mobile Systems - A Research Agenda. Lecture Notes in Computer Science, 2019, , 163-175.	1.0	0
51	Kent Beck or Pablo Picasso? Speculations of the Relationships Between Artists in Software and Painting. Lecture Notes in Computer Science, 2019, , 3-9.	1.0	0
52	Design of a Dashboard of Software Metrics for Adaptable, Energy Efficient Applications (S). , 2019, , .		2
53	Design of a Dashboard of Software Metrics for Adaptable, Energy Efficient Applications. , 2019, 2019, 145-153.		1
54	Comparing the reliability of software systems: A case study on mobile operating systems. Information Sciences, 2018, 423, 398-411.	4.0	33

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55	Design and validation of precooked developer dashboards. , 2018, , .		9
56	Review of techniques for predicting hard drive failure with SMART attributes. International Journal of Machine Intelligence and Sensory Signal Processing, 2018, 2, 151.	0.2	2
57	Software architectural patterns in practice: an empirical study. Innovations in Systems and Software Engineering, 2018, 14, 263-271.	1.6	10
58	An initial characterization of bug-injecting development sessions. , 2018, , .		1
59	Understanding the impact of pair programming on the minds of developers. , 2018, , .		7
60	A new architecture and implementation strategy for non-invasive software measurement systems. , 2018, , .		8
61	Precooked developer dashboards. , 2018, , .		7
62	Contracting agile developments for mission critical systems in the public sector. , 2018, , .		8
63	Towards Non-invasive Software Measurement System: Architecture and Implementation. Advances in Intelligent Systems and Computing, 2018, , 149-165.	0.5	1
64	Toward a Better Understanding of How to Develop Software Under Stress â€" Drafting the Lines for Future Research. , 2018, , .		3
65	An Architecture for Non-invasive SoftwareÂMeasurement. Lecture Notes in Computer Science, 2018, , 1-11.	1.0	1
66	A Review of Techniques for Positioning in WLAN with Limited Data. , 2018, , .		0
67	WLAN Based Positioning with a Single Access Point. International Journal of Wireless and Mobile Networks, 2018, 10, 37-50.	0.1	1
68	Comparison of mobile operating systems based on models of growth reliability of the software. Computer Research and Modeling, 2018, 10, 325-334.	0.2	2
69	Improved Agile: A Customized Scrum Process for Project Management in Defense and Security. Computer Communications and Networks, 2017, , 289-314.	0.8	5
70	What do software engineers care about? gaps between research and practice. , 2017, , .		24
71	A Tool for Visualizing the Execution of Programs and Stack Traces Especially Suited for Novice Programmers. , 2017, , .		4
72	A guided tour of the legal implications of software cloning. , 2016, , .		6

#	Article	IF	Citations
73	Applying scrum to the army. , 2016, , .		10
74	Assessing the process of an Eastern European software SME using systemic analysis, GQM, and reliability growth models. , 2016, , .		5
75	Computational Intelligence: An Introduction. Studies in Computational Intelligence, 2016, , 13-31.	0.7	40
76	Assessment of software developed by a third-party: A case study and comparison. Information Sciences, 2016, 328, 237-249.	4.0	7
77	Quality Attributes in Practice: Contemporary Data. Smart Innovation, Systems and Technologies, 2016, , 281-290.	0.5	4
78	Reverse engineering. , 2016, , .		11
79	Predicting the Fate of Requirements in Embedded Domains. Advances in Intelligent Systems and Computing, 2016, , 297-306.	0.5	2
80	Prediction of the Successful Completion of Requirements in Software Development—An Initial Study. Smart Innovation, Systems and Technologies, 2016, , 261-269.	0.5	0
81	Data description: A general framework of information granules. Knowledge-Based Systems, 2015, 80, 98-108.	4.0	97
82	A study of energy-aware implementation techniques: Redistribution of computational jobs in mobile apps. Sustainable Computing: Informatics and Systems, 2015, 7, 11-23.	1.6	6
83	Software assurance practices for mobile applications. Computing (Vienna/New York), 2015, 97, 1001-1022.	3.2	54
84	Mining system logs to learn error predictors: a case study of a telemetry system. Empirical Software Engineering, 2015, 20, 879-927.	3.0	20
85	Defining Relevant Software Quality Characteristics from Publishing Policies of Mobile App Stores. Lecture Notes in Computer Science, 2014, , 205-217.	1.0	5
86	Method reallocation to reduce energy consumption. , 2014, , .		12
87	An Approach to Non-invasive Cost Accounting. , 2014, , .		3
88	Can execution time describe accurately the energy consumption of mobile apps? an experiment in Android. , 2014, , .		40
89	Continuous CMMI Assessment Using Non-Invasive Measurement and Process Mining. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 1255-1272.	0.6	13
90	Analysis of Offloading as an Approach for Energy-Aware Applications on Android OS: A Case Study on Image Processing. Lecture Notes in Computer Science, 2014, , 29-40.	1.0	5

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91	Cooperation, collaboration and pair-programming: Field studies on backup behavior. Journal of Systems and Software, 2014, 91, 124-134.	3.3	64
92	The Integrated Approach. , 2014, , 221-247.		2
93	Lean Software Development in Action. , 2014, , 249-354.		5
94	Open Source Mobile Virtual Machines: An Energy Assessment of Dalvik vs. ART. IFIP Advances in Information and Communication Technology, 2014, , 93-102.	0.5	9
95	Issues in Agile Methods. , 2014, , 103-128.		0
96	An Analysis of a Project Reuse Approach in an Industrial Setting. Lecture Notes in Computer Science, 2014, , 164-171.	1.0	2
97	Non-invasive Measurement. , 2014, , 187-217.		0
98	Agile Software Development Processes for Mobile Systems: Accomplishment, Evidence and Evolution. Lecture Notes in Computer Science, 2013, , 90-106.	1.0	14
99	A multivariate classification of open source developers. Information Sciences, 2013, 221, 72-83.	4.0	70
100	Using Rules for Web Service Client Side Testing. , 2013, , .		1
101	Managing changes in requirements: an empirical investigation. Journal of Software: Evolution and Process, 2013, 25, 1273-1283.	1.2	7
102	Cooperation wordle using pre-attentive processing techniques. , 2013, , .		23
103	Software development processes for mobile systems: Is agile really taking over the business?. , 2013, , .		36
104	Failure prediction based on log files using Random Indexing and Support Vector Machines. Journal of Systems and Software, 2013, 86, 2-11.	3.3	90
105	Pair Programming and Software Defects--A Large, Industrial Case Study. IEEE Transactions on Software Engineering, 2013, 39, 930-953.	4.3	50
106	Empirical answers to fundamental software engineering problems (panel). , 2013, , .		3
107	A method for characterizing energy consumption in Android smartphones. , 2013, , .		48
108	How to Calculate Software Metrics for Multiple Languages Using Open Source Parsers. IFIP Advances in Information and Communication Technology, 2013, , 264-270.	0.5	8

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109	Exploring Collaboration Networks in Open-Source Projects. IFIP Advances in Information and Communication Technology, 2013, , 97-108.	0.5	9
110	Discovering and Studying Collaboration Networks in Software Repositories. Communications in Computer and Information Science, 2013, , 108-118.	0.4	0
111	An Open Source Monitoring Framework for Enterprise SOA. IFIP Advances in Information and Communication Technology, 2013, , 182-193.	0.5	2
112	Software tools research. , 2012, , .		2
113	Adoption of free/libre open source software in public organizations: factors of impact. Information Technology and People, 2012, 25, 156-187.	1.9	66
114	Understanding the impact of Pair Programming on developers attention: A case study on a large industrial experimentation. , 2012, , .		34
115	The dark side of agile software development. , 2012, , .		40
116	Knowledge transfer in system modeling and its realization through an optimal allocation of information granularity. Applied Soft Computing Journal, 2012, 12, 1985-1995.	4.1	64
117	Mobile Multiplatform Development: An Experiment for Performance Analysis. Procedia Computer Science, 2012, 10, 736-743.	1.2	45
118	Assessing the Open Source Development Processes Using OMM. Advances in Software Engineering, 2012, 2012, 1-17.	0.6	7
119	DroidSense: A Mobile Tool to Analyze Software Development Processes by Measuring Team Proximity. Lecture Notes in Computer Science, 2012, , 17-33.	1.0	9
120	Knowledge Extraction from Events Flows. Lecture Notes in Computer Science, 2012, , 221-236.	1.0	1
121	Using the Eclipse C/C++ Development Tooling as a Robust, Fully Functional, Actively Maintained, Open Source C++ Parser. International Federation for Information Processing, 2012, , 399-399.	0.4	5
122	Two Evolution Indicators for FOSS Projects. International Federation for Information Processing, 2012, , 216-232.	0.4	1
123	Understanding how novices are integrated in a team analysing their tool usage. , 2011, , .		8
124	Path dependent stochastic models to detect planned and actual technology use: A case study of OpenOffice. Information and Software Technology, 2011, 53, 1209-1226.	3.0	1
125	A model of job satisfaction for collaborative development processes. Journal of Systems and Software, 2011, 84, 739-752.	3.3	50
126	Toward a better understanding of tool usage. , 2011, , .		14

#	Article	IF	Citations
127	Mining and visualizing developer networks from version control systems. , 2011, , .		45
128	Report of the 4th international symposium on empirical software engineering and measurement ESEM 2010. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2011, 36, 28-34.	0.5	0
129	Pair Programming and Software Defects â€" An Industrial Case Study. Lecture Notes in Business Information Processing, 2011, , 208-222.	0.8	5
130	Adoption of OSS Development Practices by the Software Industry: A Survey. International Federation for Information Processing, 2011, , 233-243.	0.4	3
131	Analysing the Usage of Tools in Pair Programming Sessions. Lecture Notes in Business Information Processing, 2011, , 1-11.	0.8	1
132	Adoption of Open Standards in Massachusetts. , 2011, , 85-102.		0
133	A Framework for Investigating OSS Adoption. , 2011, , 13-24.		0
134	The Italian Chamber of Deputies. , 2011, , 103-120.		0
135	FUNDECYT in Extremadura. , 2011, , 67-84.		0
136	Comparing the Case Studies. , 2011, , 121-142.		0
137	Background and Definitions. , 2011, , 1-12.		0
138	Comparing OpenBRR, QSOS, and OMM Assessment Models. International Federation for Information Processing, 2010, , 224-238.	0.4	33
139	Modelling Failures Occurrences of Open Source Software with Reliability Growth. International Federation for Information Processing, 2010, , 268-280.	0.4	42
140	Download Patterns and Releases in Open Source Software Projects: A Perfect Symbiosis?. International Federation for Information Processing, 2010, , 252-267.	0.4	1
141	A Cost Model of Open Source Software Adoption. International Journal of Open Source Software and Processes, 2009, 1, 60-82.	0.5	5
142	GPROM. Proceedings of the International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing, 2009, , .	0.0	0
143	To pull or not to pull. , 2009, , .		5
144	A case-study on using an Automated In-process Software Engineering Measurement and Analysis system in an industrial environment. , 2009, , .		39

#	Article	IF	Citations
145	WS-Certificate. , 2009, , .		14
146	An interpretation of the results of the analysis of pair programming during novices integration in a team. , 2009, , .		44
147	ERP Systems Development: Enhancing Organization's Strategic Control through Monitoring Agents. , 2009, , .		3
148	Modeling Spontaneous Pair Programming When New Developers Join a Team. Lecture Notes in Business Information Processing, 2009, , 242-244.	0.8	9
149	Using Metric Visualization and Sharing Tool to Drive Agile-Related Practices. Lecture Notes in Business Information Processing, 2009, , 255-256.	0.8	1
150	Analysis of Open Source Software Development Iterations by Means of Burst Detection Techniques. IFIP Advances in Information and Communication Technology, 2009, , 83-93.	0.5	15
151	A Cost Model of Open Source Software Adoption. , 2009, , 396-418.		3
152	An Empirical Study on the Migration to OpenOffice.org in a Public Administration. , 2009, , 66-82.		0
153	Developing Business Process Monitoring Probes to Enhance Organization Control. Lecture Notes in Business Information Processing, 2009, , 456-466.	0.8	1
154	Designing and Developing Monitoring Agents for ERP Systems. Lecture Notes in Business Information Processing, 2009, , 240-251.	0.8	0
155	Operations Strategy of Small Software Firms Using Open Source Software. , 2009, , 111-119.		0
156	Ranking and Selecting Services. Lecture Notes in Computer Science, 2009, , 278-287.	1.0	1
157	A comparative analysis of the efficiency of change metrics and static code attributes for defect prediction. , 2008, , .		476
158	Analysis about the Diffusion of Data Standards inside European Public Organizations. , 2008, , .		2
159	SyQL. , 2008, , .		0
160	PKM. , 2008, , .		3
161	PEM. , 2008, , .		1
162	Visualizing software evolution with lagrein. , 2008, , .		7

#	ARTICLE	IF	CITATIONS
163	Extending moodle for collaborative learning. , 2008, , .		1
164	Jidoka in software development. , 2008, , .		4
165	Analysis of the reliability of a subset of change metrics for defect prediction. , 2008, , .		46
166	Extending moodle for collaborative learning. SIGCSE Bulletin, 2008, 40, 324-324.	0.1	0
167	Overview on Trust in Large FLOSS Communities. International Federation for Information Processing, 2008, , 47-56.	0.4	2
168	Investigating the Usefulness of Pair-Programming in a Mature Agile Team. Lecture Notes in Business Information Processing, 2008, , 127-136.	0.8	31
169	A Model to Identify Refactoring Effort during Maintenance by Mining Source Code Repositories. Lecture Notes in Computer Science, 2008, , 360-370.	1.0	14
170	A Case Study on the Impact of Refactoring on Quality and Productivity in an Agile Team. Lecture Notes in Computer Science, 2008, , 252-266.	1.0	67
171	Tools for Supporting Hybrid Learning Strategies in Open Source Software Environments. Lecture Notes in Computer Science, 2008, , 328-337.	1.0	4
172	AN EMPIRICAL ANALYSIS OF THE OPEN SOURCE DEVELOPMENT PROCESS BASED ON MINING OF SOURCE CODE REPOSITORIES. International Journal of Software Engineering and Knowledge Engineering, 2007, 17, 231-247.	0.6	5
173	Lagrein: Visualizing User Requirements and Development Effort. , 2007, , .		7
174	Visual identification of software evolution patterns. , 2007, , .		10
175	Lagrein. , 2007, , .		2
176	Foundations of Agile Methods. , 2007, , 249-270.		1
177	Effort Prediction in Iterative Software Development Processes -- Incremental Versus Global Prediction Models. , 2007, , .		31
178	A proposal for interactive-constructivistic teaching methods supported by Web 2.0 technologies and environments. , 2007, , .		2
179	A Critical Analysis of Empirical Research in Software Testing. , 2007, , .		36
180	Empirical analysis on the correlation between GCC compiler warnings and revision numbers of source files in five industrial software projects. Empirical Software Engineering, 2007, 12, 295-310.	3.0	5

#	Article	IF	Citations
181	A model of the dynamics of the market of COTS software, in the absence of new entrants. Information Systems Frontiers, 2007, 9, 257-265.	4.1	3
182	Open Source Software and Open Data Standards as a form of Technology Adoption: a Case Study. , 2007, , 325-330.		4
183	Does XP Deliver Quality and Maintainable Code?. , 2007, , 105-114.		4
184	Learning More About â€œSoftware Best Practicesâ€. , 2007, , 271-274.		2
185	Evaluation of a Migration to Open Source Software. , 2007, , 309-326.		4
186	Toward a GNU/Linux Distribution for Corporate Environments. , 2007, , 215-236.		0
187	Fuzzy Logic Classifiers and Models in Quantitative Software Engineering. , 2007, , 148-167.		1
188	A proposal for interactive-constructivistic teaching methods supported by Web 2.0 technologies and environments. Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on, 2007, , .	0.0	0
189	Open Source Software Migration in Integrated Information Systems in Public Sector. , 2006, , 683-689.		1
190	Does Refactoring Improve Reusability?. Lecture Notes in Computer Science, 2006, , 287-297.	1.0	46
191	Early estimation of software size in object-oriented environments a case study in a CMM level 3 software firm. Information Sciences, 2006, 176, 475-489.	4.0	42
192	Identification of defect-prone classes in telecommunication software systems using design metrics. Information Sciences, 2006, 176, 3711-3734.	4.0	72
193	A non-invasive approach to product metrics collection. Journal of Systems Architecture, 2006, 52, 668-675.	2.5	66
194	Managing non-invasive measurement tools. Journal of Systems Architecture, 2006, 52, 676-683.	2.5	14
195	COSPA (consortium for studying, evaluating, and supporting the introduction of open source) Tj ETQq1 1 0.784314 rgBT /Overlock 1		0
196	A Perspective on Non Invasive Software Management. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	10
197	An Empirical Study on the Migration to OpenOffice.org in a Public Administration. International Journal of Information Technology and Web Engineering, 2006, 1, 64-80.	1.2	6
198	A tool to support the introduction of GNU/Linux desktop system in a professional environment. International Federation for Information Processing, 2006, , 253-260.	0.4	0

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199	A Perspective on Non Invasive Software Management. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	1
200	Genetic granular classifiers in modeling software quality. Journal of Systems and Software, 2005, 76, 277-285.	3.3	58
201	An Empirical Exploration of the Distributions of the Chidamber and Kemerer Object-Oriented Metrics Suite. Empirical Software Engineering, 2005, 10, 81-104.	3.0	51
202	Requirements Engineering for Agile Methods. , 2005, , 309-326.		59
203	XP/Agile Education and Training. Lecture Notes in Computer Science, 2005, , 263-266.	1.0	4
204	Project Management in Plan-Based and Agile Companies. IEEE Software, 2005, 22, 21-27.	2.1	94
205	On the Transition to an Open Source Solution for Desktop Office Automation. Lecture Notes in Computer Science, 2005, , 277-285.	1.0	3
206	A relational approach to software metrics. , 2004, , .		49
207	Deploying, updating, and managing tools for collecting software metrics. , 2004, , .		1
208	Non-invasive product metrics collection. , 2004, , .		4
209	Selecting components in large COTS repositories. Journal of Systems and Software, 2004, 73, 323-331.	3.3	59
210	Measures for mobile users: an architecture. Journal of Systems Architecture, 2004, 50, 393-405.	2.5	57
211	Monitoring the development process with Eclipse. , 2004, , .		6
212	An empirical study of open-source and closed-source software products. IEEE Transactions on Software Engineering, 2004, 30, 246-256.	4.3	225
213	Project Management and Agile Methodologies: A Survey. Lecture Notes in Computer Science, 2004, , 223-226.	1.0	3
214	An Investigation on the Occurrence of Service Requests in Commercial Software Applications. Empirical Software Engineering, 2003, 8, 197-215.	3.0	13
215	N4: computing with neural receptive fields. Neurocomputing, 2003, 55, 383-401.	3.5	5
216	Practical assessment of the models for identification of defect-prone classes in object-oriented commercial systems using design metrics. Journal of Systems and Software, 2003, 65, 1-12.	3.3	64

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217	Managing eXtreme projects. , 2003, , .		1
218	Collecting, integrating and analyzing software metrics and personal software process data. , 2003, , .		70
219	An Empirical Analysis on the Discontinuous Use of Pair Programming. Lecture Notes in Computer Science, 2003, , 205-214.	1.0	4
220	ASSOCIATION ANALYSIS OF SOFTWARE MEASURES. International Journal of Software Engineering and Knowledge Engineering, 2002, 12, 291-316.	0.6	10
221	What we have learned about fighting defects. , 2002, , .		150
222	Genetic-fuzzy approach to the Boolean satisfiability problem. IEEE Transactions on Evolutionary Computation, 2002, 6, 519-525.	7.5	7
223	Dynamic Composition of Components Using Webcods. International Journal of Computers and Applications, 2002, 24, 20-27.	0.8	2
224	fXOR fuzzy logic networks. Soft Computing, 2002, 7, 115-120.	2.1	10
225	Service Oriented Programming: A New Paradigm of Software Reuse. Lecture Notes in Computer Science, 2002, , 269-280.	1.0	36
226	XP requirement negotiation workshop. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2002, 10, 26-31.	0.5	1
227	Analysis of the effects of software reuse on customer satisfaction in an RPG environment. IEEE Transactions on Software Engineering, 2001, 27, 473-479.	4.3	56
228	An industrial study of reuse, quality, and productivity. Journal of Systems and Software, 2001, 57, 99-106.	3.3	54
229	Using self-organizing maps to analyze object-oriented software measures. Journal of Systems and Software, 2001, 59, 65-82.	3.3	19
230	Perspectives on software product lines. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2001, 26, 29-33.	0.5	4
231	Package-oriented software engineering: a generic architecture. IT Professional, 2001, 3, 29-36.	1.4	11
232	Analysis of Software Engineering Data Using Computational Intelligence Techniques. , 2001, , 133-140.		2
233	A Product Line Analysis of Software-Controlled Gastrointestinal Stimulators. , 2001, , 271-280.		0
234	ISSUES AND MODELS IN SOFTWARE PRODUCT LINES. International Journal of Software Engineering and Knowledge Engineering, 2000, 10, 527-539.	0.6	6

#	Article	IF	Citations
235	Framework extraction with domain analysis. ACM Computing Surveys, 2000, 32, 12.	16.1	5
236	Empirical investigation of a novel approach to check the integrity of software engineering measuring processes (poster session). , 2000, , .		0
237	Holmes. , 2000, , .		1
238	Supporting dynamic composition of components. , 2000, , .		3
239	Understanding the dynamics of software compatibility. IT Professional, 2000, 2, 61-63.	1.4	1
240	Activity-based OO business modeling and control. IT Professional, 2000, 2, 45-50.	1.4	1
241	Software cost estimation with fuzzy models. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2000, 8, 24-29.	0.5	62
242	Compatibility Elements in System Composition. Lecture Notes in Computer Science, 2000, , 436-447.	1.0	1
243	Reuse libraries for real-time multimedia over the network. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2000, 8, 12-19.	0.5	2
244	Empirical analysis of the correlation between amount-of-reuse metrics in the C programming language. , 1999, , .		4
245	The application of JavaCC to develop a C/C++ preprocessor. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1999, 7, 11-18.	0.5	3
246	The renewed life of parsing tools. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1999, 7, 2-3.	0.5	0
247	A relations-based approach for simplifying metrices extraction. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1999, 7, 27-32.	0.5	2
248	Object-oriented business process modeling and simulation:. Simulation Modelling Practice and Theory, 1998, 6, 533-571.	0.4	18
249	Compatibility, standards, and software production. StandardView, 1998, 6, 140-146.	0.2	11
250	Network externalities in software systems. StandardView, 1998, 6, 185-191.	0.2	0
251	Object oriented process modeling with fuzzy logic. , 1998, , .		4
252	Object-Oriented Frameworks: Architecture Adaptability. Lecture Notes in Computer Science, 1998, , 58-59.	1.0	2

#	Article	IF	Citations
253	Representing compatibility and standards. StandardView, 1998, 6, 69-75.	0.2	3
254	Domain analysis and framework-based software development. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1997, 5, 4-15.	0.5	56
255	From process modeling to domain modeling. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1997, 5, 28-32.	0.5	1
256	A formal view to classification and retrieval mechanism for reusable objects. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1997, 5, 27-32.	0.5	0
257	A fuzzy approach to faceted classification and retrieval of reusable software components. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1997, 5, 15-20.	0.5	2
258	Standardizing the reuse of software processes. StandardView, 1997, 5, 74-83.	0.2	3
259	The cost of standardizing components for software reuse. StandardView, 1997, 5, 61-65.	0.2	6
260	Towards a complete framework for parallel implementation of logic languages: the data parallel implementation of SEL. Concurrency and Computation: Practice and Experience, 1996, 8, 191-204.	0.6	1
261	A taxonomy for identifying a software component for uncertain and partial specifications. , 1996, , .		1
262	Monitoring the efficiency of a reuse program. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1996, 4, 8-14.	0.5	3
263	Analysing the return of investment of reuse. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1996, 4, 21-25.	0.5	5
264	Implementing Sets with Hash Tables in Declarative Languages. , 1994, , 217-237.		0
265	NAUTA: A network administration utility for transputer architectures. Future Generation Computer Systems, 1993, 9, 63-72.	4.9	0
266	SEL Compiler & Abstract Analyzers. Workshops in Computing, 1993, , 108-123.	0.4	0
267	Exploiting implicit parallelism of logic languages with the SAM. , 1992, , .		2
268	Data parallelism in logic programming. Lecture Notes in Computer Science, 1991, , 173-184.	1.0	5
269	Data structures for parallel execution of functional languages. Lecture Notes in Computer Science, 1989, , 346-356.	1.0	24
270	Exploiting the data parallelism of subset equational languages. , 0, , .		1

#	Article	IF	Citations
271	Gertrude: OO for BPR. , 0, , .		3
272	The design of Holmes: a tool for domain analysis and engineering. , 0, , .		2
273	A survey on the effectiveness of the Internet-based facilities in software engineering education. , 0, , .		0
274	On the sensitivity of COCOMO II software cost estimation model. , 0, , .		32
275	Open source software and open data standards in public administration. , 0, , .		4
276	Managing Uncertainty in Requirements: A Survey in Documentation-Driven and Agile Companies. , 0, , .		29
277	Identifying individual process patterns by means of non-invasive measurements: preliminary results.. , 0, , .		1