

Marco Gerosa

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,093
citations

516710

16
h-index

395702

33
g-index

86
all docs

86
docs citations

86
times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	How Should My Chatbot Interact? A Survey on Social Characteristics in Human-Chatbot Interaction Design. <i>International Journal of Human-Computer Interaction</i> , 2021, 37, 729-758.	4.8	196
2	Social Barriers Faced by Newcomers Placing Their First Contribution in Open Source Software Projects. , 2015, , .		189
3	A systematic literature review on the barriers faced by newcomers to open source software projects. <i>Information and Software Technology</i> , 2015, 59, 67-85.	4.4	135
4	Service-oriented middleware for the Future Internet: state of the art and research directions. <i>Journal of Internet Services and Applications</i> , 2011, 2, 23-45.	2.1	130
5	Software Platforms for Smart Cities. <i>ACM Computing Surveys</i> , 2018, 50, 1-37.	23.0	120
6	Overcoming open source project entry barriers with a portal for newcomers. , 2016, , .		91
7	Why do newcomers abandon open source software projects?. , 2013, , .		70
8	Newcomersâ€™™ Barriers. . . Is That All? An Analysis of Mentorsâ€™™ and Newcomersâ€™™ Barriers in OSS Projects. <i>Computer Supported Cooperative Work</i> , 2018, 27, 679-714.	2.9	62
9	Let Me In: Guidelines for the Successful Onboarding of Newcomers to Open Source Projects. <i>IEEE Software</i> , 2019, 36, 41-49.	1.8	62
10	Awareness Support in Distributed Software Development: A Systematic Review and Mapping of the Literature. <i>Computer Supported Cooperative Work</i> , 2013, 22, 113-158.	2.9	60
11	The Shifting Sands of Motivation: Revisiting What Drives Contributors in Open Source. , 2021, , .		51
12	The hard life of open source software project newcomers. , 2014, , .		49
13	Code smells for Model-View-Controller architectures. <i>Empirical Software Engineering</i> , 2018, 23, 2121-2157.	3.9	47
14	Awareness Support in Global Software Development: A Systematic Review Based on the 3C Collaboration Model. <i>Lecture Notes in Computer Science</i> , 2010, , 185-201.	1.3	43
15	A systematic literature review of service choreography adaptation. <i>Service Oriented Computing and Applications</i> , 2013, 7, 199-216.	1.6	37
16	Collaboration technology in teams and organizations: Introduction to the special issue. <i>Information Systems Frontiers</i> , 2016, 18, 1-6.	6.4	36
17	Single or Multiple Conversational Agents?. , 2018, , .		36
18	Preliminary Empirical Identification of Barriers Faced by Newcomers to Open Source Software Projects. , 2014, , .		34

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19	The Development and Application of Distance Learning Courses on the Internet. <i>Open Learning</i> , 2002, 17, 23-38.	4.0	33
20	Who is Who in the Mailing List? Comparing Six Disambiguation Heuristics to Identify Multiple Addresses of a Participant. , 2016, , .		32
21	Training Software Engineers Using Open-Source Software: The Professors' Perspective. , 2017, , .		31
22	Is the unfolding of the group discussion off-pattern? Improving coordination support in educational forums using mobile devices. <i>Computers and Education</i> , 2010, 54, 528-544.	8.3	28
23	Inter- and intra-relationships between communication coordination and cooperation in the scope of the 3C Collaboration Model. , 2008, , .		27
24	Recommending mentors to software project newcomers. , 2012, , .		25
25	SATT: Tailoring Code Metric Thresholds for Different Software Architectures. , 2016, , .		25
26	Impacts of coding practices on readability. , 2018, , .		25
27	A Validated Set of Smells in Model-View-Controller Architectures. , 2016, , .		23
28	Understanding and Supporting the Choice of an Appropriate Task to Start with in Open Source Software Communities. , 2015, , .		22
29	Overcoming Social Barriers When Contributing to Open Source Software Projects. <i>Computer Supported Cooperative Work</i> , 2019, 28, 247-290.	2.9	21
30	Training the future workforce through task curation in an OSS ecosystem. , 2016, , .		19
31	On the challenges of open-sourcing proprietary software projects. <i>Empirical Software Engineering</i> , 2018, 23, 3221-3247.	3.9	19
32	It's How You Say It. , 2019, , .		18
33	How Gender-Biased Tools Shape Newcomer Experiences in OSS Projects. <i>IEEE Transactions on Software Engineering</i> , 2022, 48, 241-259.	5.6	18
34	A theory of the engagement in open source projects via summer of code programs. , 2020, , .		18
35	On the Interplay between Structural and Logical Dependencies in Open-Source Software. , 2011, , .		17
36	MetricMiner: Supporting researchers in mining software repositories. , 2013, , .		16

#	ARTICLE	IF	CITATIONS
37	Using contextual information to predict co-changes. Journal of Systems and Software, 2017, 128, 220-235.	4.5	16
38	What Do the Asserts in a Unit Test Tell Us about Code Quality? A Study on Open Source and Industrial Projects. , 2013, , .		15
39	How Long and How Much: What to Expect from Summer of Code Participants?. , 2017, , .		13
40	Most Common Mistakes in Test-Driven Development Practice: Results from an Online Survey with Developers. , 2010, , .		12
41	Deploying Large-Scale Service Compositions on the Cloud with the CHOReOS Enactment Engine. , 2014, , .		12
42	An empirical catalog of code smells for the presentation layer of Android apps. Empirical Software Engineering, 2019, 24, 3546-3586.	3.9	12
43	Evaluating the utilization of Twitter messages as a source of security alerts. , 2013, , .		11
44	Being a Mentor in open source projects. Journal of Internet Services and Applications, 2021, 12, .	2.1	11
45	Social metrics included in prediction models on software engineering. , 2014, , .		10
46	How Does the Shift to GitHub Impact Project Collaboration?. , 2016, , .		10
47	Experience report: How do structural dependencies influence change propagation? An empirical study. , 2015, , .		8
48	How the Practice of TDD Influences Class Design in Object-Oriented Systems: Patterns of Unit Tests Feedback. , 2012, , .		7
49	Change Coupling Between Software Artifacts. , 2015, , 285-323.		7
50	An Empirical Study of the Relation Between Strong Change Coupling and Defects Using History and Social Metrics in the Apache Aries Project. IFIP Advances in Information and Communication Technology, 2015, , 3-12.	0.7	7
51	What can commit metadata tell us about design degradation?. , 2013, , .		6
52	Increasing the Self-Efficacy of Newcomers to Open Source Software Projects. , 2015, , .		6
53	Pots of Gold at the End of the Rainbow: What is Success for Open Source Contributors?. IEEE Transactions on Software Engineering, 2022, 48, 3940-3953.	5.6	6
54	Difficulties of Programming Learning from the Point of View of Students and Instructors. IEEE Latin America Transactions, 2017, 15, 2191-2199.	1.6	5

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55	Collaborative Features in Content Sharing Web 2.0 Social Networks: A Domain Engineering Based on the 3C Collaboration Model. Lecture Notes in Computer Science, 2011, , 142-157.	1.3	5
56	Newcomers Withdrawal in Open Source Software Projects: Analysis of Hadoop Common Project. , 2012, , .		4
57	Automated instructional design for CSCL: A hierarchical task network planning approach. Expert Systems With Applications, 2014, 41, 3777-3798.	7.6	4
58	Connections and Influences Among Topics of Learning How to Program. , 2019, , .		4
59	CoNCRA. , 2020, , .		4
60	Prediction of Developer Participation in Issues of Open Source Projects. , 2012, , .		3
61	Does test-driven development improve class design? A qualitative study on developers'™ perceptions. Journal of the Brazilian Computer Society, 2015, 21, .	1.3	3
62	Visual programming and automatic evaluation of exercises: An experience with a STEM course. , 2016, , .		3
63	Agile Usability Patterns for User-Centered Design Final Stages. Lecture Notes in Computer Science, 2016, , 433-444.	1.3	3
64	The Present and Future of Bots in Software Engineering. IEEE Software, 2022, 39, 28-31.	1.8	3
65	An Approach for Developing Component-based Groupware Product Lines Using Groupware Workbench. , 2010, , .		2
66	Editorial: Thematic series on software engineering from a social network perspective. Journal of Internet Services and Applications, 2015, 6, .	2.1	2
67	Developers' Perceptions on Object-Oriented Design and Architectural Roles. , 2016, , .		2
68	Promoting Engagement in Open Collaboration Communities by Means of Gamification. Communications in Computer and Information Science, 2016, , 15-20.	0.5	2
69	Leaving Behind the Software History When Transitioning to Open Source: Reasons and Implications. IFIP Advances in Information and Communication Technology, 2018, , 50-60.	0.7	2
70	A domain engineering for content sharing collaborative features. , 2012, , .		1
71	A Method for the Identification of Logical Dependencies. , 2012, , .		1
72	A Taxonomy of Computer Mediated Conversation. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
73	Predicting Change Propagation from Repository Information. , 2015, , .		1
74	Tweaking Association Rules to Optimize Software Change Recommendations. , 2017, , .		1
75	Pieces of contextual information suitable for predicting co-changes? An empirical study. Software Quality Journal, 2019, 27, 1481-1503.	2.2	1
76	Arquigrafia-Brasil Social Network: Design of an Online Environment Based on Transdisciplinarity and Collaboration. , 2010, , .		0
77	Analysis of Security Messages Posted on Twitter. , 2012, , .		0
78	Using Virtual Machine Security to Reinforce Components Constraints. , 2012, , .		0
79	An Extensible Service for Experts Recommendation on Distributed Software Development Projects. , 2012, , .		0
80	Using Structural Holes Metrics from Communication Networks to Predict Change Dependencies. Lecture Notes in Computer Science, 2014, , 294-310.	1.3	0
81	Challenges for Inclusion in Software Engineering: The Case of the Emerging Papua New Guinean Society. IEEE Software, 2021, , 0-0.	1.8	0
82	An Approach for Developing Component-Based Groupware Product Lines Using the Groupware Workbench. Lecture Notes in Computer Science, 2010, , 446-450.	1.3	0
83	A Static Change Impact Analysis Approach based on Metrics and Visualizations to Support the Evolution of Workflow Repositories. International Journal of Web Services Research, 2016, 13, 74-101.	0.8	0
84	Relations Between Actions Performed by Users and Their Engagement. Lecture Notes in Computer Science, 2018, , 207-222.	1.3	0