

# 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 Gender-Biased Tools Shape Newcomer Experiences in OSS Projects. IEEE Transactions on Software Engineering, 2022, 48, 241-259.	5.6	18
2	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
3	The Present and Future of Bots in Software Engineering. IEEE Software, 2022, 39, 28-31.	1.8	3
4	How Should My Chatbot Interact? A Survey on Social Characteristics in Human-Chatbot Interaction Design. International Journal of Human-Computer Interaction, 2021, 37, 729-758.	4.8	196
5	Challenges for Inclusion in Software Engineering: The Case of the Emerging Papua New Guinean Society. IEEE Software, 2021, , 0-0.	1.8	0
6	The Shifting Sands of Motivation: Revisiting What Drives Contributors in Open Source. , 2021, , .		51
7	Being a Mentor in open source projects. Journal of Internet Services and Applications, 2021, 12, .	2.1	11
8	A theory of the engagement in open source projects via summer of code programs. , 2020, , .		18
9	CoNCRA. , 2020, , .		4
10	Pieces of contextual information suitable for predicting co-changes? An empirical study. Software Quality Journal, 2019, 27, 1481-1503.	2.2	1
11	It's How You Say It. , 2019, , .		18
12	Connections and Influences Among Topics of Learning How to Program. , 2019, , .		4
13	An empirical catalog of code smells for the presentation layer of Android apps. Empirical Software Engineering, 2019, 24, 3546-3586.	3.9	12
14	Overcoming Social Barriers When Contributing to Open Source Software Projects. Computer Supported Cooperative Work, 2019, 28, 247-290.	2.9	21
15	Let Me In: Guidelines for the Successful Onboarding of Newcomers to Open Source Projects. IEEE Software, 2019, 36, 41-49.	1.8	62
16	Newcomersâ€™™ Barriers. . . Is That All? An Analysis of Mentorsâ€™™ and Newcomersâ€™™ Barriers in OSS Projects. Computer Supported Cooperative Work, 2018, 27, 679-714.	2.9	62
17	On the challenges of open-sourcing proprietary software projects. Empirical Software Engineering, 2018, 23, 3221-3247.	3.9	19
18	Code smells for Model-View-Controller architectures. Empirical Software Engineering, 2018, 23, 2121-2157.	3.9	47

#	ARTICLE	IF	CITATIONS
19	Software Platforms for Smart Cities. ACM Computing Surveys, 2018, 50, 1-37.	23.0	120
20	Single or Multiple Conversational Agents?. , 2018, , .		36
21	Impacts of coding practices on readability. , 2018, , .		25
22	Relations Between Actions Performed by Users and Their Engagement. Lecture Notes in Computer Science, 2018, , 207-222.	1.3	0
23	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
24	Tweaking Association Rules to Optimize Software Change Recommendations. , 2017, , .		1
25	Using contextual information to predict co-changes. Journal of Systems and Software, 2017, 128, 220-235.	4.5	16
26	Difficulties of Programming Learning from the Point of View of Students and Instructors. IEEE Latin America Transactions, 2017, 15, 2191-2199.	1.6	5
27	How Long and How Much: What to Expect from Summer of Code Participants?. , 2017, , .		13
28	Training Software Engineers Using Open-Source Software: The Professors' Perspective. , 2017, , .		31
29	How Does the Shift to GitHub Impact Project Collaboration?. , 2016, , .		10
30	SATT: Tailoring Code Metric Thresholds for Different Software Architectures. , 2016, , .		25
31	Visual programming and automatic evaluation of exercises: An experience with a STEM course. , 2016, , .		3
32	Developers' Perceptions on Object-Oriented Design and Architectural Roles. , 2016, , .		2
33	Who is Who in the Mailing List? Comparing Six Disambiguation Heuristics to Identify Multiple Addresses of a Participant. , 2016, , .		32
34	A Validated Set of Smells in Model-View-Controller Architectures. , 2016, , .		23
35	Overcoming open source project entry barriers with a portal for newcomers. , 2016, , .		91
36	Training the future workforce through task curation in an OSS ecosystem. , 2016, , .		19

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37	Collaboration technology in teams and organizations: Introduction to the special issue. Information Systems Frontiers, 2016, 18, 1-6.	6.4	36
38	Agile Usability Patterns for User-Centered Design Final Stages. Lecture Notes in Computer Science, 2016, , 433-444.	1.3	3
39	Promoting Engagement in Open Collaboration Communities by Means of Gamification. Communications in Computer and Information Science, 2016, , 15-20.	0.5	2
40	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
41	Editorial: Thematic series on software engineering from a social network perspective. Journal of Internet Services and Applications, 2015, 6, .	2.1	2
42	Predicting Change Propagation from Repository Information. , 2015, , .		1
43	Understanding and Supporting the Choice of an Appropriate Task to Start with in Open Source Software Communities. , 2015, , .		22
44	Does test-driven development improve class design? A qualitative study on developers' perceptions. Journal of the Brazilian Computer Society, 2015, 21, .	1.3	3
45	Change Coupling Between Software Artifacts. , 2015, , 285-323.		7
46	Social Barriers Faced by Newcomers Placing Their First Contribution in Open Source Software Projects. , 2015, , .		189
47	Experience report: How do structural dependencies influence change propagation? An empirical study. , 2015, , .		8
48	Increasing the Self-Efficacy of Newcomers to Open Source Software Projects. , 2015, , .		6
49	A systematic literature review on the barriers faced by newcomers to open source software projects. Information and Software Technology, 2015, 59, 67-85.	4.4	135
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	Preliminary Empirical Identification of Barriers Faced by Newcomers to Open Source Software Projects. , 2014, , .		34
52	The hard life of open source software project newcomers. , 2014, , .		49
53	Social metrics included in prediction models on software engineering. , 2014, , .		10
54	Automated instructional design for CSCL: A hierarchical task network planning approach. Expert Systems With Applications, 2014, 41, 3777-3798.	7.6	4

#	ARTICLE	IF	CITATIONS
55	Deploying Large-Scale Service Compositions on the Cloud with the CHOReOS Enactment Engine. , 2014, , .		12
56	Using Structural Holes Metrics from Communication Networks to Predict Change Dependencies. Lecture Notes in Computer Science, 2014, , 294-310.	1.3	0
57	Awareness Support in Distributed Software Development: A Systematic Review and Mapping of the Literature. Computer Supported Cooperative Work, 2013, 22, 113-158.	2.9	60
58	Why do newcomers abandon open source software projects?. , 2013, , .		70
59	What Do the Asserts in a Unit Test Tell Us about Code Quality? A Study on Open Source and Industrial Projects. , 2013, , .		15
60	A systematic literature review of service choreography adaptation. Service Oriented Computing and Applications, 2013, 7, 199-216.	1.6	37
61	MetricMiner: Supporting researchers in mining software repositories. , 2013, , .		16
62	What can commit metadata tell us about design degradation?. , 2013, , .		6
63	Evaluating the utilization of Twitter messages as a source of security alerts. , 2013, , .		11
64	A domain engineering for content sharing collaborative features. , 2012, , .		1
65	Analysis of Security Messages Posted on Twitter. , 2012, , .		0
66	Recommending mentors to software project newcomers. , 2012, , .		25
67	How the Practice of TDD Influences Class Design in Object-Oriented Systems: Patterns of Unit Tests Feedback. , 2012, , .		7
68	Prediction of Developer Participation in Issues of Open Source Projects. , 2012, , .		3
69	Using Virtual Machine Security to Reinforce Components Constraints. , 2012, , .		0
70	An Extensible Service for Experts Recommendation on Distributed Software Development Projects. , 2012, , .		0
71	A Method for the Identification of Logical Dependencies. , 2012, , .		1
72	A Taxonomy of Computer Mediated Conversation. , 2012, , .		1

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73	Newcomers Withdrawal in Open Source Software Projects: Analysis of Hadoop Common Project. , 2012, , .		4
74	On the Interplay between Structural and Logical Dependencies in Open-Source Software. , 2011, , .		17
75	Service-oriented middleware for the Future Internet: state of the art and research directions. Journal of Internet Services and Applications, 2011, 2, 23-45.	2.1	130
76	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
77	Awareness Support in Global Software Development: A Systematic Review Based on the 3C Collaboration Model. Lecture Notes in Computer Science, 2010, , 185-201.	1.3	43
78	Most Common Mistakes in Test-Driven Development Practice: Results from an Online Survey with Developers. , 2010, , .		12
79	Is the unfolding of the group discussion off-pattern? Improving coordination support in educational forums using mobile devices. Computers and Education, 2010, 54, 528-544.	8.3	28
80	An Approach for Developing Component-based Groupware Product Lines Using Groupware Workbench. , 2010, , .		2
81	Arquigrafia-Brasil Social Network: Design of an Online Environment Based on Transdisciplinarity and Collaboration. , 2010, , .		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	Inter- and intra-relationships between communication coordination and cooperation in the scope of the 3C Collaboration Model. , 2008, , .		27
84	The Development and Application of Distance Learning Courses on the Internet. Open Learning, 2002, 17, 23-38.	4.0	33