

Davide Fucci

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

541
citations

1040056

9
h-index

940533

16
g-index

43
all docs

43
docs citations

43
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Affective reactions and test-driven development: Results from three experiments and a survey. Journal of Systems and Software, 2022, 185, 111154.	4.5	3
2	Empirical research on requirements quality: a systematic mapping study. Requirements Engineering, 2022, 27, 183-209.	3.1	13
3	When traceability goes awry: An industrial experience report. Journal of Systems and Software, 2022, 192, 111389.	4.5	1
4	A family of experiments on test-driven development. Empirical Software Engineering, 2021, 26, 1.	3.9	14
5	Studying test-driven development and its retainment over a six-month time span. Journal of Systems and Software, 2021, 176, 110937.	4.5	7
6	On researcher bias in Software Engineering experiments. Journal of Systems and Software, 2021, 182, 111068.	4.5	4
7	Need for Sleep: The Impact of a Night of Sleep Deprivation on Novice Developers' Performance. IEEE Transactions on Software Engineering, 2020, 46, 1-19.	5.6	14
8	The Way it Makes you Feel Predicting Users' Engagement during Interviews with Biofeedback and Supervised Learning. , 2020, , .		4
9	Recognizing developers' emotions while programming. , 2020, , .		30
10	Results from a Replicated Experiment on the Affective Reactions of Novice Developers When Applying Test-Driven Development. Lecture Notes in Business Information Processing, 2020, , 223-239.	1.0	0
11	Why Research on Test-Driven Development is Inconclusive?. , 2020, , .		8
12	A Replication Study on Code Comprehension and Expertise using Lightweight Biometric Sensors. , 2019, , .		17
13	Towards a Holistic Definition of Requirements Debt. , 2019, , .		8
14	On using machine learning to identify knowledge in API reference documentation. , 2019, , .		18
15	The Second International Workshop on Affective Computing for Requirements Engineering (AffectRE2019). , 2019, , .		2
16	European Project Space Papers for the PROFES 2019 - Summary. Lecture Notes in Computer Science, 2019, , 573-576.	1.3	0
17	An Empirical Assessment on Affective Reactions of Novice Developers When Applying Test-Driven Development. Lecture Notes in Computer Science, 2019, , 3-19.	1.3	4
18	Personal Recommendations in Requirements Engineering: The OpenReq Approach. Lecture Notes in Computer Science, 2018, , 297-304.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Empirical evaluation of the effects of experience on code quality and programmer productivity. , 2018, , .		2
20	Needs and challenges for a platform to support large-scale requirements engineering. , 2018, , .		13
21	The effect of noise on software engineers' performance. , 2018, , .		8
22	A longitudinal cohort study on the retainment of test-driven development. , 2018, , .		10
23	A Simple NLP-Based Approach to Support Onboarding and Retention in Open Source Communities. , 2018, , .		22
24	The effect of noise on requirements comprehension. , 2018, , .		3
25	Sensing developers' emotions. , 2018, , .		6
26	Reconciling Practice and Rigour in Ontology-Based Heterogeneous Information Systems Construction. Lecture Notes in Business Information Processing, 2018, , 205-220.	1.0	4
27	An industry experiment on the effects of test-driven development on external quality and productivity. Empirical Software Engineering, 2017, 22, 2763-2805.	3.9	32
28	Empirical evaluation of the effects of experience on code quality and programmer productivity: an exploratory study. Empirical Software Engineering, 2017, 22, 2457-2542.	3.9	40
29	Findings from a multi-method study on test-driven development. Information and Software Technology, 2017, 89, 64-77.	4.4	16
30	On the Presence of Green and Sustainable Software Engineering in Higher Education Curricula. , 2017, , .		22
31	A Dissection of the Test-Driven Development Process: Does It Really Matter to Test-First or to Test-Last?. IEEE Transactions on Software Engineering, 2017, 43, 597-614.	5.6	59
32	An External Replication on the Effects of Test-driven Development Using a Multi-site Blind Analysis Approach. , 2016, , .		16
33	Results from an Ethnographically-informed Study in the Context of Test Driven Development. , 2016, , .		3
34	Students' and professionals' perceptions of test-driven development. , 2016, , .		48
35	On the effects of programming and testing skills on external quality and productivity in a test-driven development context. , 2015, , .		5
36	Towards an operationalization of test-driven development skills: An industrial empirical study. Information and Software Technology, 2015, 68, 82-97.	4.4	19

#	ARTICLE	IF	CITATIONS
37	Impact of process conformance on the effects of test-driven development. , 2014, , .		8
38	Understanding the dynamics of test-driven development. , 2014, , .		1
39	On the role of tests in test-driven development: a differentiated and partial replication. Empirical Software Engineering, 2014, 19, 277-302.	3.9	23
40	Conformance factor in test-driven development. , 2014, , .		5
41	A Replicated Experiment on the Effectiveness of Test-First Development. , 2013, , .		23
42	A Framework to Enable Two-Layer Inference for Ambient Intelligence. Advances in Intelligent and Soft Computing, 2010, , 29-36.	0.2	1