Davide Fucci

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2720114/publications.pdf

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42	541	1040056	940533
papers	citations	9	16
		h-index	g-index

43	43	43	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Students' and professionals' perceptions of test-driven development. , 2016, , .		48
3	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
4	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
5	Recognizing developers' emotions while programming. , 2020, , .		30
6	A Replicated Experiment on the Effectiveness of Test-First Development. , 2013, , .		23
7	On the role of tests in test-driven development: a differentiated and partial replication. Empirical Software Engineering, 2014, 19, 277-302.	3.9	23
8	On the Presence of Green and Sustainable Software Engineering in Higher Education Curricula. , 2017, , .		22
9	A Simple NLP-Based Approach to Support Onboarding and Retention in Open Source Communities. , 2018, , .		22
10	Towards an operationalization of test-driven development skills: An industrial empirical study. Information and Software Technology, 2015, 68, 82-97.	4.4	19
11	On using machine learning to identify knowledge in API reference documentation. , 2019, , .		18
12	A Replication Study on Code Comprehension and Expertise using Lightweight Biometric Sensors. , 2019, , .		17
13	An External Replication on the Effects of Test-driven Development Using a Multi-site Blind Analysis Approach. , 2016, , .		16
14	Findings from a multi-method study on test-driven development. Information and Software Technology, 2017, 89, 64-77.	4.4	16
15	Need for Sleep: The Impact of a Night of Sleep Deprivation on Novice Developersâ€™ Performance. IEEE Transactions on Software Engineering, 2020, 46, 1-19.	5.6	14
16	A family of experiments on test-driven development. Empirical Software Engineering, 2021, 26, 1.	3.9	14
17	Needs and challenges for a platform to support large-scale requirements engineering. , 2018, , .		13
18	Empirical research on requirements quality: a systematic mapping study. Requirements Engineering, 2022, 27, 183-209.	3.1	13

#	Article	IF	Citations
19	A longitudinal cohort study on the retainment of test-driven development. , 2018, , .		10
20	Impact of process conformance on the effects of test-driven development. , 2014, , .		8
21	The effect of noise on software engineers' performance. , 2018, , .		8
22	Towards a Holistic Definition of Requirements Debt. , 2019, , .		8
23	Why Research on Test-Driven Development is Inconclusive?. , 2020, , .		8
24	Studying test-driven development and its retainment over a six-month time span. Journal of Systems and Software, 2021, 176, 110937.	4.5	7
25	Sensing developers' emotions. , 2018, , .		6
26	Conformance factor in test-driven development. , 2014, , .		5
27	On the effects of programming and testing skills on external quality and productivity in a test-driven development context. , 2015, , .		5
28	Personal Recommendations in Requirements Engineering: The OpenReq Approach. Lecture Notes in Computer Science, 2018, , 297-304.	1.3	5
29	The Way it Makes you Feel Predicting Usersâ€™ Engagement during Interviews with Biofeedback and Supervised Learning. , 2020, , .		4
30	On researcher bias in Software Engineering experiments. Journal of Systems and Software, 2021, 182, 111068.	4.5	4
31	Reconciling Practice and Rigour in Ontology-Based Heterogeneous Information Systems Construction. Lecture Notes in Business Information Processing, 2018, , 205-220.	1.0	4
32	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
33	Results from an Ethnographically-informed Study in the Context of Test Driven Development. , 2016, , .		3
34	The effect of noise on requirements comprehension. , 2018, , .		3
35	Affective reactions and test-driven development: Results from three experiments and a survey. Journal of Systems and Software, 2022, 185, 111154.	4.5	3
36	Empirical evaluation of the effects of experience on code quality and programmer productivity. , 2018, , .		2

#	Article	IF	Citations
37	The Second International Workshop on Affective Computing for Requirements Engineering (AffectRE2019). , 2019, , .		2
38	Understanding the dynamics of test-driven development. , 2014, , .		1
39	A Framework to Enable Two-Layer Inference for Ambient Intelligence. Advances in Intelligent and Soft Computing, 2010, , 29-36.	0.2	1
40	When traceability goes awry: An industrial experience report. Journal of Systems and Software, 2022, 192, 111389.	4.5	1
41	European Project Space Papers for the PROFES 2019 - Summary. Lecture Notes in Computer Science, 2019, , 573-576.	1.3	0
42	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