

Collin Mcmillan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11665591/publications.pdf>

Version: 2024-02-01

33
papers

1,567
citations

1163117

8
h-index

1372567

10
g-index

34
all docs

34
docs citations

34
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatically Extracting Subroutine Summary Descriptions from Unstructured Comments. , 2020, , .		5
2	Improved Automatic Summarization of Subroutines via Attention to File Context. , 2020, , .		58
3	Improved Code Summarization via a Graph Neural Network. , 2020, , .		168
4	Towards Prioritizing Documentation Effort. IEEE Transactions on Software Engineering, 2018, 44, 897-913.	5.6	18
5	A Comparison of Program Comprehension Strategies by Blind and Sighted Programmers. IEEE Transactions on Software Engineering, 2018, 44, 712-724.	5.6	11
6	Detecting speech act types in developer question/answer conversations during bug repair. , 2018, , .		27
7	Adapting Neural Text Classification for Improved Software Categorization. , 2018, , .		21
8	TraceLab Components for Generating Speech Act Types in Developer Question/Answer Conversations. , 2018, , .		1
9	Docio: Documenting API Input/Output Examples. , 2017, , .		8
10	Towards Automatic Generation of Short Summaries of Commits. , 2017, , .		29
11	Do Programmers do Change Impact Analysis in Debugging?. Empirical Software Engineering, 2017, 22, 631-669.	3.9	21
12	Detecting Vague Words & Phrases in Requirements Documents in a Multilingual Environment. , 2017, , .		10
13	Detecting User Story Information in Developer-Client Conversations to Generate Extractive Summaries. , 2017, , .		44
14	TraceLab Components for Generating Extractive Summaries of User Stories. , 2017, , .		3
15	API Usage in Descriptions of Source Code Functionality. , 2017, , .		5
16	Automatically generating commit messages from diffs using neural machine translation. , 2017, , .		134
17	Automated feature discovery via sentence selection and source code summarization. Journal of Software: Evolution and Process, 2016, 28, 120-145.	1.6	11
18	An empirical study on how expert knowledge affects bug reports. Journal of Software: Evolution and Process, 2016, 28, 542-564.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Pragmatic source code reuse via execution record and replay. Journal of Software: Evolution and Process, 2016, 28, 642-664.	1.6	4
20	TraceLab Components for Reproducing Source Code Summarization Experiments. , 2016, , .		0
21	A Case Study of Automated Feature Location Techniques for Industrial Cost Estimation. , 2016, , .		8
22	An empirical study of the textual similarity between source code and source code summaries. Empirical Software Engineering, 2016, 21, 17-42.	3.9	28
23	An Empirical Study on the Patterns of Eye Movement during Summarization Tasks. , 2015, , .		22
24	An Eye-Tracking Study of Java Programmers and Application to Source Code Summarization. IEEE Transactions on Software Engineering, 2015, 41, 1038-1054.	5.6	43
25	On using machine learning to automatically classify software applications into domain categories. Empirical Software Engineering, 2014, 19, 582-618.	3.9	63
26	Automatic documentation generation via source code summarization of method context. , 2014, , .		143
27	An Empirical Study of the Effects of Expert Knowledge on Bug Reports. , 2014, , .		10
28	Exemplar: A Source Code Search Engine for Finding Highly Relevant Applications. IEEE Transactions on Software Engineering, 2012, 38, 1069-1087.	5.6	100
29	Categorizing software applications for maintenance. , 2011, , .		39
30	A search engine for finding highly relevant applications. , 2010, , .		107
31	Recommending source code examples via API call usages and documentation. , 2010, , .		44
32	An empirical investigation into a large-scale Java open source code repository. , 2010, , .		66
33	Combining textual and structural analysis of software artifacts for traceability link recovery. , 2009, , .		66