Emerson Murphy-Hill

List of Publications by Year
in descending order

36 papers	1,648 citations	840119 11 h-index	1125271 13 g-index
36 all docs	36 docs citations	36 times ranked	932 citing authors

#	Article	IF	Citations
1	How We Refactor, and How We Know It. IEEE Transactions on Software Engineering, 2012, 38, 5-18.	4.3	367
2	Why don't software developers use static analysis tools to find bugs?. , 2013, , .		317
3	Gender differences and bias in open source: pull request acceptance of women versus men. PeerJ Computer Science, 0, 3, e111.	2.7	174
4	Reconciling manual and automatic refactoring. , 2012, , .		59
5	Do Developers Read Compiler Error Messages?. , 2017, , .		59
6	Questions developers ask while diagnosing potential security vulnerabilities with static analysis. , 2015, , .		54
7	Improving software developers' fluency by recommending development environment commands. , 2012, , .		52
8	Degree-of-knowledge. ACM Transactions on Software Engineering and Methodology, 2014, 23, 1-42.	4.8	49
9	The Diversity Crisis in Software Development. IEEE Software, 2021, 38, 19-25.	2.1	49
10	An exploratory study of blind software developers. , 2012, , .		43
11	The Design Space of Bug Fixes and How Developers Navigate It. IEEE Transactions on Software Engineering, 2015, 41, 65-81.	4.3	43
12	Adoption and use of Java generics. Empirical Software Engineering, 2013, 18, 1047-1089.	3.0	39
13	The design of bug fixes. , 2013, , .		38
14	Will the â€œPhisher-Menâ€•Reel You In?. International Journal of Cyber Behavior, Psychology and Learning, 2015, 5, 1-17.	0.6	37
15	Is programming knowledge related to age? An exploration of stack overflow. , 2013, , .		35
16	How Developers Diagnose Potential Security Vulnerabilities with a Static Analysis Tool. IEEE Transactions on Software Engineering, 2019, 45, 877-897.	4.3	32
17	What Predicts Software Developersâ€™ Productivity?. IEEE Transactions on Software Engineering, 2021, 47, 582-594.	4.3	31
18	How Do Users Discover New Tools in Software Development and Beyond?. Computer Supported Cooperative Work, 2015, 24, 389-422.	1.9	21

#	Article	IF	Citations
19	A cross-tool communication study on program analysis tool notifications. , 2016, , .		19
20	Something Smells Phishy: Exploring Definitions, Consequences, and Reactions to Phishing. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 2108-2112.	0.2	18
21	Continuous social screencasting to facilitate software tool discovery. , 2012, , .		12
22	How Developers Visualize Compiler Messages: A Foundational Approach to Notification Construction. , 2014, , .		12
23	From Quick Fixes to Slow Fixes: Reimagining Static Analysis Resolutions to Enable Design Space Exploration. , 2016, , .		12
24	A study of interactive code annotation for access control vulnerabilities. , 2015, , .		11
25	Enabling the Study of Software Development Behavior With Cross-Tool Logs. IEEE Software, 2020, 37, 44-51.	2.1	11
26	Programmer-Friendly Refactoring Errors. IEEE Transactions on Software Engineering, 2012, 38, 1417-1431.	4.3	10
27	Veteran developers' contributions and motivations: An open source perspective. , 2016, , .		9
28	Flower: Navigating program flow in the IDE. , 2017, , .		8
29	Towards recognizing and rewarding efficient developer work patterns. , 2013, , .		6
30	Conducting interview studies: Challenges, lessons learned, and open questions. , 2013, , .		5
31	Live feedback on behavioral changes. , 2013, , .		5
32	The human factor: A challenge for network reliability design. , 2015, , .		4
33	How software users recommend tools to each other. , 2017, , .		4
34	Code Hot Spot: A tool for extraction and analysis of code change history. , 2011, , .		1
35	How can research about software developers generalize?. , 2012, , .		1
36	Engineering Impacts of Anonymous Author Code Review: A Field Experiment. IEEE Transactions on Software Engineering, 2022, 48, 2495-2509.	4.3	1