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| SUMMARY OF THE FORWARD SNOWBALLING PROCESS. | | | | | | | | | | | | | | | | | |
|---|-----------|------|--|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|----|
| Analysis of studies per criterion. | | | | | | | | | | | | | | | | | |
| # | Criterion | Year | Title | R1 | R2 | R3 | R4 | R5 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R6 |
| 48 | EC1 | 2019 | Effectiveness of Weighted Neural Network on Accuracy of Software Fault Localization | | | | | | X | | | | | | | | |
| 49 | EC1 | 2019 | Exploring and exploiting the correlations between bug-inducing and bug-fixing commits | | | | | X | | | | | | | | | |
| 50 | EC1 | 2019 | Graph-Based Fault Localization | | | | | X | | | | | | | | | |
| 51 | EC1 | 2019 | Inference: effective fault localization based on information-theoretic analysis and statistical causal inference | | X | | | | | | | | | | | | |
| 52 | EC1 | 2019 | Mining historical test logs to predict bugs and localize faults in the test logs | | | | | | | | X | | | | | | |
| 53 | EC1 | 2019 | On the analysis of spectrum based fault localization using hitting sets | | X | | | | X | | | | | | | | |
| 54 | EC1 | 2019 | Robustness of spectrum-based fault localisation in environments with labelling perturbations | | | | | | X | | | | | | X | | |
| 55 | EC1 | 2019 | VFL: Variable-based fault localization | | X | | | X | | | | | | | | | |
| 56 | EC1 | 2018 | Optimising Spectrum Based Fault Localisation for Single Fault Programs Using Specifications | | X | | | | | | | | | | | | |
| 57 | EC1, EC2 | 2018 | Crashing simulated planes is cheap: Can simulation detect robotics bugs early? | | X | | | | | | | | | | | | |
| 58 | EC1, EC2 | 2019 | Compiler bug isolation via effective witness test program generation | X | | | | X | | | | | | | | | |
| 59 | EC1, EC8 | 2016 | Test Case Grouping and Filtering for Better Performance of Spectrum-based Fault Localization | | X | | | | | | | | | | | | |
| 60 | EC1, EC9 | 2013 | Comparing Ochiai and Relief for Spectrum-based Fault Localization | | X | | | | | | | | | | | | |
| 61 | EC1, EC9 | 2014 | Hybrid-MUSE: mutating faulty programs for precise fault localization | | X | | | | | | | | | | | | |
| 62 | EC1, EC9 | 2014 | No pot of gold at the end of program spectrum rainbow: Greatest risk evaluation formula does not exist | | X | | | | | | | | | | | | |
| 63 | EC1, EC9 | 2014 | Ranking-based approaches for localizing faults | | X | | | | | | | | | | | | |
| 64 | EC1, EC9 | 2016 | Methods and measures for statistical fault localisation | | X | | | | | | | | | | | | |
| 65 | EC1, EC9 | 2016 | Spectrum-based software fault localization: A survey of techniques, advances, and challenges | | X | | | X | | | | | | | | | |
| 66 | EC1, EC9 | 2017 | Hybrid based approaches for software fault localization and specification mining | | X | | | | | | | | | | | | |
| 67 | EC1, EC9 | 2017 | Improving automated fault localization using PageRank | X | X | | | | | | | | | | | | |
| 68 | EC1, EC9 | 2018 | Assessment of spectrum-based fault localization for practical use | | | | | X | | | | | | | | | |
| 69 | EC1, EC9 | 2018 | Doric: Foundations for Statistical Fault Localisation | | X | | | | | | | | | | | | |
| 70 | EC1, EC9 | 2018 | How to Evaluate Statistical Fault Localization | | | | | | | | | | X | | | | |

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