

# List of Citations

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The list is based on information from common publication databases. Following the Charles University rector directives 9/2014 and 17/2014, the list contains citations from monographs, scientific periodicals and reviewed proceedings, excluding self citations where the applicant is among the authors of the citing publication. Also excluded are publications originating wholly from the applicant's department, foreign language publications (because this makes determining the nature of the citation difficult) and theses (because it is not clear whether theses qualify as monographs). The value of H-index based on the citing works listed here is 7.

[1] L. Bulej, T. Kalibera, and P. Tůma: **“Repeated Results Analysis for Middleware Regression Benchmarking”**. In *Performance Evaluation* 60.1–4 (2005), pp. 345–358. DOI: 10.1016/j.peva.2004.10.013. WOS 2005 IF 0.756, SCOPUS 2005 SNIP 1.568

1. A. Brunnert and H. Krčmar: **“Continuous Performance Evaluation and Capacity Planning Using Resource Profiles for Enterprise Applications”**. In *Journal of Systems and Software* 123 (2017), pp. 239–262. DOI: 10.1016/j.jss.2015.08.030. WOS, SCOPUS
2. C. Heger, A. V. Hoorn, D. Okanović, S. Siegl, and A. Wert: **“Expert-Guided Automatic Diagnosis of Performance Problems in Enterprise Applications”**. In *Proc. 12th European Dependable Computing Conference*. 2016, pp. 185–188. DOI: 10.1109/EDCC.2016.16
3. C. Vögele, A. van Hoorn, E. Schulz, W. Hasselbring, and H. Krčmar: **“WESSBAS: Extraction of Probabilistic Workload Specifications for Load Testing and Performance Prediction—a Model-Driven Approach for Session-Based Application Systems”**. In *Software & Systems Modeling* (2016), pp. 1–35. DOI: 10.1007/s10270-016-0566-5. SCOPUS
4. Q. Luo, D. Poshyvanyk, and M. Grechanik: **“Mining Performance Regression Inducing Code Changes in Evolving Software”**. In *Proc. MSR 2016*. ACM, 2016, pp. 25–36. DOI: 10.1145/2901739.2901765. SCOPUS
5. K. C. Foo, Z. M. Jiang, B. Adams, A. E. Hassan, Y. Zou, and P. Flora: **“An Industrial Case Study on the Automated Detection of Performance Regressions in Heterogeneous Environments”**. In *Proc. ICSE 2015*. 2015, pp. 159–168. DOI: 10.1109/ICSE.2015.144
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8. C. Heger, J. Happe, and R. Farahbod: **“Automated Root Cause Isolation of Performance Regressions During Software Development”**. In *Proc. ICPE 2013*. ACM, 2013, pp. 27–38. DOI: 10.1145/2479871.2479879
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10. A. Wert, J. Happe, and L. Happe: **“Supporting Swift Reaction: Automatically Uncovering Performance Problems by Systematic Experiments”**. In *Proc. ICSE 2013*. IEEE Press, 2013, pp. 552–561. ISBN: 978-1-4673-3076-3. WOS
11. Z. M. Jiang, A. E. Hassan, G. Hamann, and P. Flora: **“Automated Performance Analysis of Load Tests”**. In *Proc. ICSM 2009*. 2009, pp. 125–134. DOI: 10.1109/ICSM.2009.5306331. WOS
12. S. Becker, M. Trifu, and R. Reussner: **“Towards Supporting Evolution of Service-Oriented Architectures Through Quality Impact Prediction”**. In *Proc. ASE ARAMIS 2008*. 2008, pp. 77–81. DOI: 10.1109/ASEW.2008.4686297. WOS
13. M. Rohr, A. van Hoorn, S. Giesecke, J. Matevska, W. Hasselbring, and S. Alekseev: **“Trace-Context Sensitive Performance Profiling for Enterprise Software Applications”**. In *Proc. SIPEW 2008*. LNCS 5119. Springer, 2008, pp. 283–302. DOI: 10.1007/978-3-540-69814-2\_18. WOS

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[2] A. Podzimek, L. Bulej, L. Y. Chen, W. Binder, and P. Tůma: **“Analyzing the Impact of CPU Pinning and Partial CPU Loads on Performance and Energy Efficiency”**. In *Proc. 15th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGRID)*. IEEE, 2015, pp. 1–10. DOI: 10.1109/CCGrid.2015.164. SCOPUS, CORE 2014 A, Acceptance 69 of 268 (25.7%), Best Paper Runner-Up Award

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16. F. Pascual and K. Rzdca: **“Colocating Tasks in Data Centers Using a Side-Effects Performance Model”**. In *European Journal of Operational Research* 268.2 (2018), pp. 450–462. DOI: 10.1016/j.ejor.2018.01.046
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20. C. Prakash, P. Prashanth, U. Bellur, and P. Kulkarni: **“Deterministic Container Resource Management in Derivative Clouds”**. In 2018, pp. 79–89. DOI: 10.1109/IC2E.2018.00030
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28. S. Mostafa, X. Wang, and T. Xie: **“PerfRanker: Prioritization of Performance Regression Tests for Collection-Intensive Software”**. In *Proc. ISSTA 2017*. ACM, 2017, pp. 23–34. DOI: 10.1145/3092703.3092725

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