# Schahram Dustdar

## List of Publications by Citations

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| | | | |
|---|---|---|---|
| 625 papers | 14,559 citations | 51 h-index | 102 g-index |
| 750 ext. papers | 17,776 ext. citations | 2.1 avg, IF | 7.1 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 625 | A survey on context-aware systems. *International Journal of Ad Hoc and Ubiquitous Computing*, **2007** , 2, 263 | 0.7 | 1091 |
| 624 | Service-Oriented Computing: State of the Art and Research Challenges. *Computer*, **2007**, 40, 38-45 | 1.6 | 797 |
| 623 | The Promise of Edge Computing. *Computer*, **2016**, 49, 78-81 | 1.6 | 559 |
| 622 | A survey on web services composition. *International Journal of Web and Grid Services*, **2005**, 1, 1 | 1.4 | 488 |
| 621 | Software Engineering for Self-Adaptive Systems: A Research Roadmap. *Lecture Notes in Computer Science*, **2009**, 1-26 | 0.9 | 451 |
| 620 | Process Mining Manifesto. *Lecture Notes in Business Information Processing*, **2012**, 169-194 | 0.6 | 347 |
| 619 | SERVICE-ORIENTED COMPUTING: A RESEARCH ROADMAP. *International Journal of Cooperative Information Systems*, **2008**, 17, 223-255 | 0.6 | 342 |
| 618 | Blockchains for Business Process Management - Challenges and Opportunities. *ACM Transactions on Management Information Systems*, **2018**, 9, 1-16 | 2 | 246 |
| 617 | Quality Control in Crowdsourcing Systems: Issues and Directions. *IEEE Internet Computing*, **2013**, 17, 76-81 | 2.4 | 224 |
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| 615 | When things matter: A survey on data-centric internet of things. *Journal of Network and Computer Applications*, **2016**, 64, 137-153 | 7.9 | 201 |
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| 613 | Edge Intelligence: The Confluence of Edge Computing and Artificial Intelligence. *IEEE Internet of Things Journal*, **2020**, 7, 7457-7469 | 10.7 | 183 |
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| 609 | Social-Network-Sourced Big Data Analytics. *IEEE Internet Computing*, **2013**, 17, 62-69 | 2.4 | 130 |

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| 607 | Towards QoS-Aware Fog Service Placement **2017**, | | 116 |
| 606 | The view-based approach to dynamic inter-organizational workflow cooperation. *Data and Knowledge Engineering*, **2006**, 56, 139-173 | 1.5 | 112 |
| 605 | . *IEEE Internet Computing*, **2011**, 15, 66-71 | 2.4 | 111 |
| 604 | Low level Metrics to High level SLAs - LoM2HiS framework: Bridging the gap between monitored metrics and SLA parameters in cloud environments **2010**, | | 105 |
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| 600 | A survey on self-healing systems: approaches and systems. *Computing (Vienna/New York)*, **2011**, 91, 43-73 | 1.2 | 90 |
| 599 | A vector space search engine for Web services **2005**, | | 86 |
| 598 | Provisioning Software-Defined IoT Cloud Systems **2014**, | | 81 |
| 597 | Monitoring, Prediction and Prevention of SLA Violations in Composite Services **2010**, | | 77 |
| 596 | Caramba A Process-Aware Collaboration System Supporting Ad hoc and Collaborative Processes in Virtual Teams. *Distributed and Parallel Databases*, **2004**, 15, 45-66 | 0.9 | 77 |
| 595 | Unifying Human and Software Services in Web-Scale Collaborations. *IEEE Internet Computing*, **2008**, 12, 62-68 | 2.4 | 73 |
| 594 | Web AR: A Promising Future for Mobile Augmented Reality State of the Art, Challenges, and Insights. *Proceedings of the IEEE*, **2019**, 107, 651-666 | 14.3 | 73 |
| 593 | Modeling and mining of dynamic trust in complex service-oriented systems. *Information Systems*, **2010**, 35, 735-757 | 2.7 | 71 |
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| 587 | End-to-End Support for QoS-Aware Service Selection, Binding, and Mediation in VRESCo. *IEEE Transactions on Services Computing*, **2010**, 3, 193-205 | 4.8 | 62 |
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| 584 | A context-based mediation approach to compose semantic Web services. *ACM Transactions on Internet Technology*, **2007**, 8, 4 | 3.8 | 57 |
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| 580 | SYBL: An Extensible Language for Controlling Elasticity in Cloud Applications **2013**, | | 55 |
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| 569 | Pervasive Software Environments for Supporting Disaster Responses. *IEEE Internet Computing*, **2008**, 12, 26-37 | 2.4 | 49 |
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| 567 | The Next Grand Challenges: Integrating the Internet of Things and Data Science. *IEEE Cloud Computing*, **2018**, 5, 12-26 | | 46 |
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| 543 | Metaheuristic Optimization of Large-Scale QoS-aware Service Compositions **2010**, | | 34 |
| 542 | VieSLAF Framework: Enabling Adaptive and Versatile SLA-Management. *Lecture Notes in Computer Science*, **2009**, 60-73 | 0.9 | 34 |
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| 540 | Esc: Towards an Elastic Stream Computing Platform for the Cloud **2011**, | | 33 |
| 539 | Towards Automated IoT Application Deployment by a Cloud-Based Approach **2013**, | | 32 |
| 538 | Business Compliance Governance in Service-Oriented Architectures **2009**, | | 32 |
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