# Wolfgang Emmerich

List of Publications by Year
in descending order

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|---|---|---|---|
| 29 papers | 754 citations | 1040056<br>9 h-index | 839539<br>18 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 567 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | XMIDDLE: A Data-Sharing Middleware for Mobile Computing. Wireless Personal Communications, 2002, 21, 77-103. | 2.7 | 136 |
| 2 | Grid Service Orchestration Using the Business Process Execution Language (BPEL). Journal of Grid Computing, 2005, 3, 283-304. | 3.9 | 123 |
| 3 | Efficient online monitoring of web-service SLAs. , 2008, , . | | 103 |
| 4 | Exploiting reflection in mobile computing middleware. Mobile Computing and Communications Review, 2002, 6, 34-44. | 1.7 | 64 |
| 5 | Software architecture definition for on-demand cloud provisioning. Cluster Computing, 2012, 15, 79-100. | 5.0 | 42 |
| 6 | The SATIN Component System-A Metamodel for Engineering Adaptable Mobile Systems. IEEE Transactions on Software Engineering, 2006, 32, 910-927. | 5.6 | 34 |
| 7 | Model checking service compositions under resource constraints. , 2007, , . | | 34 |
| 8 | Service-Level Agreements for Electronic Services. IEEE Transactions on Software Engineering, 2010, 36, 288-304. | 5.6 | 31 |
| 9 | Software architecture definition for on-demand cloud provisioning. , 2010, , . | | 24 |
| 10 | satin: A Component Model for Mobile Self Organisation. Lecture Notes in Computer Science, 2004, , 1303-1321. | 1.3 | 21 |
| 11 | Predictive Resource Scheduling in Computational Grids. , 2007, , . | | 18 |
| 12 | A micro-economic approach to conflict resolution in mobile computing. , 2002, , . | | 15 |
| 13 | A reference model of virtual service production networks. Service Oriented Computing and Applications, 2008, 2, 145-166. | 1.6 | 14 |
| 14 | BOX: Browsing objects in XML. Software - Practice and Experience, 2000, 30, 1661-1676. | 3.6 | 13 |
| 15 | XMILE: An XML Based Approach for Incremental Code Mobility and Update. Automated Software Engineering, 2002, 9, 151-165. | 2.9 | 10 |
| 16 | An Economics-Driven Approach for Valuing Scalability in Distributed Architectures. , 2008, , . | | 10 |
| 17 | Adaptable Mobile Applications: Exploiting Logical Mobility in Mobile Computing. Lecture Notes in Computer Science, 2003, , 170-179. | 1.3 | 9 |
| 18 | Principles of Mobile Computing Middleware. , 2005, , 261-280. | | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Component technologies. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2001, 26, 311-312. | 0.7 | 7 |
| 20 | Elastic service definition in computational clouds. , 2010, , . | | 7 |
| 21 | Deployment of Infrastructure and Services in the Open Grid Services Architecture (OGSA). Lecture Notes in Computer Science, 2005, , 181-195. | 1.3 | 6 |
| 22 | Deadlock detection in distribution object systems. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2001, 26, 44-51. | 0.7 | 4 |
| 23 | Two Ways to Grid: The Contribution of Open Grid Services Architecture (OGSA) Mechanisms to Service-Centric and Resource-Centric Lifecycles. Journal of Grid Computing, 2006, 4, 115-131. | 3.9 | 3 |
| 24 | BOX: Browsing objects in XML. , 2000, 30, 1661. | | 3 |
| 25 | Reliable Scientific Service Compositions. Lecture Notes in Computer Science, 2007, , 14-25. | 1.3 | 3 |
| 26 | Economics-Driven Software Mining. , 2007, , . | | 2 |
| 27 | Algorithms for efficient symbolic detection of faults in context-aware applications. , 2008, , . | | 2 |
| 28 | Pattern-based e-service modelling for virtual service enterprises. Service Oriented Computing and Applications, 2009, 3, 65-98. | 1.6 | 2 |
| 29 | Guest Editorial: XML and Software Engineering. Automated Software Engineering, 2003, 10, 5-6. | 2.9 | 0 |