

Paris C Avgeriou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176
papers

2,876
citations

26
h-index

46
g-index

194
ext. papers

3,686
ext. citations

1.8
avg. IF

5.67
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 176 | A mapping study on documentation in Continuous Software Development. <i>Information and Software Technology</i> , 2022 , 142, 106733 | 3.4 | 0 |
| 175 | On the evolution and impact of architectural smells in industrial case study. <i>Empirical Software Engineering</i> , 2022 , 27, 1 | 3.3 | 0 |
| 174 | Does it matter who pays back Technical Debt? An empirical study of self-fixed TD. <i>Information and Software Technology</i> , 2021 , 106738 | 3.4 | 0 |
| 173 | The Risk of Generating Technical Debt Interest: A Case Study. <i>SN Computer Science</i> , 2021 , 2, 1 | 2 | 2 |
| 172 | Exploring the Relation Between Co-changes and Architectural Smells. <i>SN Computer Science</i> , 2021 , 2, 1 | 2 | 2 |
| 171 | 2021 , | | 2 |
| 170 | Evolution of the Unix System Architecture: An Exploratory Case Study. <i>IEEE Transactions on Software Engineering</i> , 2021 , 47, 1134-1163 | 3.5 | 4 |
| 169 | An Overview and Comparison of Technical Debt Measurement Tools. <i>IEEE Software</i> , 2021 , 38, 61-71 | 1.5 | 18 |
| 168 | Empirical studies on software traceability: A mapping study. <i>Journal of Software: Evolution and Process</i> , 2021 , 33, e2294 | 1 | 4 |
| 167 | Architectural decision-making as a financial investment: An industrial case study. <i>Information and Software Technology</i> , 2021 , 129, 106412 | 3.4 | 2 |
| 166 | Evolution of technical debt remediation in Python: A case study on the Apache Software Ecosystem. <i>Journal of Software: Evolution and Process</i> , 2021 , 33, e2319 | 1 | 3 |
| 165 | The perception of Architectural Smells in industrial practice. <i>IEEE Software</i> , 2021 , 0-0 | 1.5 | 0 |
| 164 | 2021 , | | 2 |
| 163 | Architectural design decisions that incur technical debt in an industrial case study. <i>Information and Software Technology</i> , 2021 , 139, 106669 | 3.4 | 2 |
| 162 | An Exploratory Study on Architectural Knowledge in Issue Tracking Systems. <i>Lecture Notes in Computer Science</i> , 2021 , 117-133 | 0.9 | 1 |
| 161 | Can Clean New Code reduce Technical Debt Density. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1 | 3.5 | 3 |
| 160 | Uncertainty in Self-adaptive Systems: A Research Community Perspective. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2020 , 15, 1-36 | 1.2 | 4 |

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| 159 | An empirical study on self-fixed technical debt 2020 , | | 4 |
| 158 | Guidelines for Managing Threats to Validity of Secondary Studies in Software Engineering 2020 , 415-441 | | 3 |
| 157 | Quality attribute trade-offs in the embedded systems industry: an exploratory case study. <i>Software Quality Journal</i> , 2020 , 28, 505-534 | 1.2 | 3 |
| 156 | On the Temporality of Introducing Code Technical Debt. <i>Communications in Computer and Information Science</i> , 2020 , 68-82 | 0.3 | 4 |
| 155 | Exploring the Relation between Technical Debt Principal and Interest: An Empirical Approach. <i>Information and Software Technology</i> , 2020 , 128, 106391 | 3.4 | 2 |
| 154 | Architecting systems of systems: A tertiary study. <i>Information and Software Technology</i> , 2020 , 118, 106204 | 3.4 | 9 |
| 153 | Integrating Agile Practices into Architectural Assumption Management 2019 , | | 1 |
| 152 | REI: An integrated measure for software reusability. <i>Journal of Software: Evolution and Process</i> , 2019 , 31, e2216 | 1 | 0 |
| 151 | Investigating Instability Architectural Smells Evolution: An Exploratory Case Study 2019 , | | 4 |
| 150 | What can violations of good practices tell about the relationship between GoF patterns and run-time quality attributes?. <i>Information and Software Technology</i> , 2019 , 105, 1-16 | 3.4 | 8 |
| 149 | Identifying, categorizing and mitigating threats to validity in software engineering secondary studies. <i>Information and Software Technology</i> , 2019 , 106, 201-230 | 3.4 | 50 |
| 148 | Correlating Pattern Grime and Quality Attributes. <i>IEEE Access</i> , 2018 , 6, 23065-23078 | 3.5 | 2 |
| 147 | Assumptions and their management in software development: A systematic mapping study. <i>Information and Software Technology</i> , 2018 , 94, 82-110 | 3.4 | 7 |
| 146 | Design Approaches for Critical Embedded Systems: A Systematic Mapping Study. <i>Communications in Computer and Information Science</i> , 2018 , 243-274 | 0.3 | |
| 145 | Reusability Index: A Measure for Assessing Software Assets Reusability. <i>Lecture Notes in Computer Science</i> , 2018 , 43-58 | 0.9 | 4 |
| 144 | How do developers fix issues and pay back technical debt in the Apache ecosystem? 2018 , | | 20 |
| 143 | A framework for managing interest in technical debt 2018 , | | 11 |
| 142 | Evaluation of a process for architectural assumption management in software development. <i>Science of Computer Programming</i> , 2018 , 168, 38-70 | 1.1 | 3 |

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| 141 | An exploratory case study on reusing architecture decisions in software-intensive system projects. <i>Journal of Systems and Software</i> , 2018 , 144, 60-83 | 3.3 | 2 |
| 140 | A mapping study on design-time quality attributes and metrics. <i>Journal of Systems and Software</i> , 2017 , 127, 52-77 | 3.3 | 25 |
| 139 | A systematic literature review on methods that handle multiple quality attributes in architecture-based self-adaptive systems. <i>Information and Software Technology</i> , 2017 , 90, 1-26 | 3.4 | 31 |
| 138 | Investigating the effect of design patterns on energy consumption. <i>Journal of Software: Evolution and Process</i> , 2017 , 29, e1851 | 1 | 7 |
| 137 | Identifying Extract Method Refactoring Opportunities Based on Functional Relevance. <i>IEEE Transactions on Software Engineering</i> , 2017 , 43, 954-974 | 3.5 | 12 |
| 136 | 2017 , | | 3 |
| 135 | Technical Debt in Agile Development. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2017 , 42, 18-21 | 0.4 | |
| 134 | An industrial case study on an architectural assumption documentation framework. <i>Journal of Systems and Software</i> , 2017 , 134, 190-210 | 3.3 | 9 |
| 133 | Architectural Assumptions and Their Management in Industry [An Exploratory Study]. <i>Lecture Notes in Computer Science</i> , 2017 , 191-207 | 0.9 | 5 |
| 132 | A Method for Assessing Class Change Proneness 2017 , | | 12 |
| 131 | Quality attributes and quality models for ambient assisted living software systems: A systematic mapping. <i>Information and Software Technology</i> , 2017 , 82, 121-138 | 3.4 | 31 |
| 130 | Assessing code smell interest probability 2017 , | | 6 |
| 129 | The Evolution of Technical Debt in the Apache Ecosystem. <i>Lecture Notes in Computer Science</i> , 2017 , 51-66. | 0.9 | 18 |
| 128 | The Evolution of Design Pattern Grime: An Industrial Case Study. <i>Lecture Notes in Computer Science</i> , 2017 , 165-181 | 0.9 | 4 |
| 127 | 10 years of software architecture knowledge management: Practice and future. <i>Journal of Systems and Software</i> , 2016 , 116, 191-205 | 3.3 | 60 |
| 126 | Technical debt in MDE 2016 , | | 9 |
| 125 | A survey on quality attributes in service-based systems. <i>Software Quality Journal</i> , 2016 , 24, 271-299 | 1.2 | 25 |
| 124 | Empirical evaluation of a process to increase consensus in group architectural decision making. <i>Information and Software Technology</i> , 2016 , 72, 31-47 | 3.4 | 16 |

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| 123 | Software metrics fluctuation: a property for assisting the metric selection process. <i>Information and Software Technology</i> , 2016 , 72, 110-124 | 3.4 | 15 |
| 122 | A survey on software architectural assumptions. <i>Journal of Systems and Software</i> , 2016 , 113, 362-380 | 3.3 | 9 |
| 121 | . <i>IEEE Software</i> , 2016 , 33, 66-73 | 1.5 | 22 |
| 120 | Decision architect □A decision documentation tool for industry. <i>Journal of Systems and Software</i> , 2016 , 112, 181-198 | 3.3 | 6 |
| 119 | A systematic mapping study on the combination of software architecture and agile development. <i>Journal of Systems and Software</i> , 2016 , 111, 157-184 | 3.3 | 56 |
| 118 | A Financial Approach for Managing Interest in Technical Debt. <i>Lecture Notes in Business Information Processing</i> , 2016 , 117-133 | 0.6 | 6 |
| 117 | Architecture viewpoints for documenting architectural technical debt 2016 , 85-132 | | 8 |
| 116 | A Decision Model for Cyber-Foraging Systems 2016 , | | 10 |
| 115 | The Perception of Technical Debt in the Embedded Systems Domain: An Industrial Case Study 2016 , | | 14 |
| 114 | Technical Debt. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2016 , 41, 38-41 | 0.4 | 3 |
| 113 | Investigating Quality Trade-offs in Open Source Critical Embedded Systems 2015 , | | 9 |
| 112 | The Effect of GoF Design Patterns on Stability: A Case Study. <i>IEEE Transactions on Software Engineering</i> , 2015 , 41, 781-802 | 3.5 | 39 |
| 111 | The financial aspect of managing technical debt: A systematic literature review. <i>Information and Software Technology</i> , 2015 , 64, 52-73 | 3.4 | 85 |
| 110 | Toward Simpler, not Simplistic, Quantification of Software Architecture and Metrics. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2015 , 40, 43-46 | 0.4 | |
| 109 | Size and cohesion metrics as indicators of the long method bad smell 2015 , | | 11 |
| 108 | Introducing a Ripple Effect Measure: A Theoretical and Empirical Validation 2015 , | | 14 |
| 107 | 2015 , | | 2 |
| 106 | Architectural Technical Debt Identification Based on Architecture Decisions and Change Scenarios 2015 , | | 19 |

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| 105 | An industrial case study on variability handling in large enterprise software systems. <i>Information and Software Technology</i> , 2015 , 60, 16-31 | 3.4 | 6 |
| 104 | A systematic mapping study on technical debt and its management. <i>Journal of Systems and Software</i> , 2015 , 101, 193-220 | 3.3 | 284 |
| 103 | . <i>IEEE Transactions on Software Engineering</i> , 2014 , 40, 282-306 | 3.5 | 111 |
| 102 | Industrial Implementation of a Documentation Framework for Architectural Decisions 2014 , | | 13 |
| 101 | Decision-Centric Architecture Reviews. <i>IEEE Software</i> , 2014 , 31, 69-76 | 1.5 | 24 |
| 100 | SOA in Variability-Intensive Environments: Pitfalls and Best Practices. <i>IEEE Software</i> , 2014 , 31, 77-84 | 1.5 | 3 |
| 99 | Past and future of software architectural decisions [A systematic mapping study. <i>Information and Software Technology</i> , 2014 , 56, 850-872 | 3.4 | 50 |
| 98 | Architectural Debt Management in Value-Oriented Architecting 2014 , 183-204 | | 21 |
| 97 | Validating and Improving a Knowledge Acquisition Approach for Architectural Decisions. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2014 , 24, 553-589 | 1 | 3 |
| 96 | A Process Framework for Embedded Systems Engineering 2014 , | | 1 |
| 95 | Variability in software architecture. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2014 , 39, 33-34 | 0.4 | 3 |
| 94 | Quantifying software architecture quality report on the first international workshop on software architecture metrics. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2014 , 39, 32-34 | 0.4 | 6 |
| 93 | Lightweight Evaluation of Software Architecture Decisions 2014 , 157-179 | | 0 |
| 92 | Key factors for adopting inner source. <i>ACM Transactions on Software Engineering and Methodology</i> , 2014 , 23, 1-35 | 3.3 | 32 |
| 91 | Supporting Variability Through Agility to Achieve Adaptable Architectures 2014 , 139-159 | | 4 |
| 90 | Towards bridging the twin peaks of requirements and architecture. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2014 , 39, 30-31 | 0.4 | 2 |
| 89 | The use of pattern participants relationships for integrating patterns: a controlled experiment. <i>Software - Practice and Experience</i> , 2013 , 43, 807-833 | 2.5 | 2 |
| 88 | Difficulty of Architectural Decisions [A Survey with Professional Architects. <i>Lecture Notes in Computer Science</i> , 2013 , 192-199 | 0.9 | 23 |

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| 87 | Does decision documentation help junior designers rationalize their decisions? A comparative multiple-case study. <i>Journal of Systems and Software</i> , 2013 , 86, 1545-1565 | 3.3 | 25 |
| 86 | Application of knowledge-based approaches in software architecture: A systematic mapping study. <i>Information and Software Technology</i> , 2013 , 55, 777-794 | 3.4 | 46 |
| 85 | An Embedded Multiple-Case Study on OSS Design Quality Assessment across Domains 2013 , | | 13 |
| 84 | Variability in quality attributes of service-based software systems: A systematic literature review. <i>Information and Software Technology</i> , 2013 , 55, 320-343 | 3.4 | 53 |
| 83 | Constraints for the design of variability-intensive service-oriented reference architectures [An industrial case study. <i>Information and Software Technology</i> , 2013 , 55, 428-441 | 3.4 | 18 |
| 82 | Architecture Sustainability [Guest editors' introduction]. <i>IEEE Software</i> , 2013 , 30, 40-44 | 1.5 | 17 |
| 81 | A top-down approach to construct execution views of a large software-intensive system. <i>Journal of Software: Evolution and Process</i> , 2013 , 25, 233-260 | 1 | 7 |
| 80 | Variability in Web Services 2013 , 269-278 | | 2 |
| 79 | The Role of Quality Attributes in Service-Based Systems Architecting: A Survey. <i>Lecture Notes in Computer Science</i> , 2013 , 200-207 | 0.9 | 1 |
| 78 | Using Pattern-Based Architecture Reviews to Detect Quality Attribute Issues - An Exploratory Study. <i>Lecture Notes in Computer Science</i> , 2013 , 168-194 | 0.9 | |
| 77 | The supportive effect of patterns in architecture decision recovery [A controlled experiment. <i>Science of Computer Programming</i> , 2012 , 77, 551-576 | 1.1 | 10 |
| 76 | A documentation framework for architecture decisions. <i>Journal of Systems and Software</i> , 2012 , 85, 795-820 | 3.3 | 71 |
| 75 | Qualitative Analysis of the Impact of SOA Patterns on Quality Attributes 2012 , | | 6 |
| 74 | A Variability Viewpoint for Enterprise Software Systems 2012 , | | 5 |
| 73 | Forces on Architecture Decisions - A Viewpoint 2012 , | | 19 |
| 72 | Mature Architecting - A Survey about the Reasoning Process of Professional Architects 2011 , | | 15 |
| 71 | Pattern-Based Architecture Reviews. <i>IEEE Software</i> , 2011 , 28, 66-71 | 1.5 | 14 |
| 70 | A comparative study of challenges in integrating Open Source Software and Inner Source Software. <i>Information and Software Technology</i> , 2011 , 53, 1319-1336 | 3.4 | 37 |

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| 69 | A practice-driven systematic review of dependency analysis solutions. <i>Empirical Software Engineering</i> , 2011 , 16, 544-586 | 3.3 | 22 |
| 68 | Variability in software architecture. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2011 , 36, 30-32 | 0.4 | 15 |
| 67 | Defining and documenting execution viewpoints for a large and complex software-intensive system. <i>Journal of Systems and Software</i> , 2011 , 84, 1447-1461 | 3.3 | 3 |
| 66 | Advanced quality prediction model for software architectural knowledge sharing. <i>Journal of Systems and Software</i> , 2011 , 84, 786-802 | 3.3 | 9 |
| 65 | A top-down strategy to reverse architecting execution views for a large and complex software-intensive system: An experience report. <i>Science of Computer Programming</i> , 2011 , 76, 1098-1112 ^{1,1} | | 6 |
| 64 | The notion of variability in software architecture 2011 , | | 12 |
| 63 | Capturing tacit architectural knowledge using the repertory grid technique (NIER track) 2011 , | | 10 |
| 62 | Handling Variability in Software Architecture: Problems and Implications 2011 , | | 15 |
| 61 | Empirically-grounded reference architectures 2011 , | | 38 |
| 60 | Reducing Architectural Knowledge Vaporization by Applying the Repertory Grid Technique. <i>Lecture Notes in Computer Science</i> , 2011 , 244-251 | 0.9 | 2 |
| 59 | An Enhanced Architectural Knowledge Metamodel Linking Architectural Design Decisions to other Artifacts in the Software Engineering Lifecycle. <i>Lecture Notes in Computer Science</i> , 2011 , 303-318 | 0.9 | 12 |
| 58 | The Importance of Architectural Knowledge in Integrating Open Source Software. <i>International Federation for Information Processing</i> , 2011 , 142-158 | | 6 |
| 57 | Design and Evaluation of a Process for Identifying Architecture Patterns in Open Source Software. <i>Lecture Notes in Computer Science</i> , 2011 , 147-163 | 0.9 | 3 |
| 56 | Rationale management challenges in requirements engineering 2010 , | | 6 |
| 55 | From collective knowledge to intelligence 2010 , | | 8 |
| 54 | . <i>IEEE Software</i> , 2010 , 27, 20-24 | 1.5 | 24 |
| 53 | Organizing a software architecture body of knowledge. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2010 , 35, 37-40 | 0.4 | 2 |
| 52 | On the impact of fault tolerance tactics on architecture patterns 2010 , | | 12 |

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| 51 | How do architecture patterns and tactics interact? A model and annotation. <i>Journal of Systems and Software</i> , 2010 , 83, 1735-1758 | 3.3 | 60 |
| 50 | A comparative study of architecture knowledge management tools. <i>Journal of Systems and Software</i> , 2010 , 83, 352-370 | 3.3 | 113 |
| 49 | The GRIFFIN Collaborative Virtual Community for Architectural Knowledge Management 2010 , 195-217 | | 5 |
| 48 | Collaborative Software Architecting Through Knowledge Sharing 2010 , 343-367 | | 8 |
| 47 | Mining Relationships between the Participants of Architectural Patterns. <i>Lecture Notes in Computer Science</i> , 2010 , 401-408 | 0.9 | 1 |
| 46 | Naive Architecting - Understanding the Reasoning Process of Students. <i>Lecture Notes in Computer Science</i> , 2010 , 24-37 | 0.9 | 4 |
| 45 | Implementing Reliability: The Interaction of Requirements, Tactics and Architecture Patterns. <i>Lecture Notes in Computer Science</i> , 2010 , 97-122 | 0.9 | 7 |
| 44 | Tools and Technologies for Architecture Knowledge Management 2009 , 91-111 | | 9 |
| 43 | Constructing a Resource Usage View of a Large and Complex Software-Intensive System 2009 , | | 2 |
| 42 | Sharing architecture knowledge through models: quality and cost. <i>Knowledge Engineering Review</i> , 2009 , 24, 225-244 | 2.1 | 5 |
| 41 | Towards using architectural knowledge. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2009 , 34, 27-30 | 0.4 | 5 |
| 40 | VxBPEL: Supporting variability for Web services in BPEL. <i>Information and Software Technology</i> , 2009 , 51, 258-269 | 3.4 | 82 |
| 39 | Defining execution viewpoints for a large and complex software-intensive system 2009 , | | 3 |
| 38 | An Overview of Software Engineering Approaches to Service Oriented Architectures in Various Fields 2009 , | | 10 |
| 37 | Software service engineering: Tenets and challenges 2009 , | | 12 |
| 36 | 2009 , | | 17 |
| 35 | Enriching software architecture documentation. <i>Journal of Systems and Software</i> , 2009 , 82, 1232-1248 | 3.3 | 61 |
| 34 | The GRIFFIN Project: Lessons Learned 2009 , 137-154 | | 3 |

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| 33 | Modeling Architectural Patterns Behavior Using Architectural Primitives. <i>Lecture Notes in Computer Science</i> , 2008 , 164-179 | 0.9 | 3 |
| 32 | Analyzing the Actual Execution of a Large Software-Intensive System for Determining Dependencies 2008 , | | 10 |
| 31 | Selecting a High-Quality Central Model for Sharing Architectural Knowledge 2008 , | | 3 |
| 30 | Wishes and Boundaries for a Software Architecture Knowledge Community 2008 , | | 13 |
| 29 | Third international workshop on sharing and reusing architectural knowledge (SHARK 2008) 2008 , | | 4 |
| 28 | Architecting as decision making with patterns and primitives 2008 , | | 11 |
| 27 | Incorporating fault tolerance tactics in software architecture patterns 2008 , | | 12 |
| 26 | Analysis of Architecture Pattern Usage in Legacy System Architecture Documentation 2008 , | | 13 |
| 25 | Documenting after the fact: Recovering architectural design decisions. <i>Journal of Systems and Software</i> , 2008 , 81, 536-557 | 3.3 | 60 |
| 24 | A catalog of architectural primitives for modeling architectural patterns. <i>Information and Software Technology</i> , 2008 , 50, 1003-1034 | 3.4 | 21 |
| 23 | Sharing the Architectural Knowledge of Quantitative Analysis. <i>Lecture Notes in Computer Science</i> , 2008 , 220-234 | 0.9 | 12 |
| 22 | Pattern-Driven Architectural Partitioning: Balancing Functional and Non-functional Requirements 2007 , | | 12 |
| 21 | Tool Support for Architectural Decisions 2007 , | | 65 |
| 20 | . <i>IEEE Software</i> , 2007 , 24, 38-45 | 1.5 | 98 |
| 19 | Architectural knowledge and rationale. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2007 , 32, 41-46 | 0.4 | 34 |
| 18 | Sharing and Reusing Architectural Knowledge--Architecture, Rationale, and Design Intent 2007 , | | 9 |
| 17 | Leveraging Architecture Patterns to Satisfy Quality Attributes. <i>Lecture Notes in Computer Science</i> , 2007 , 263-270 | 0.9 | 25 |
| 16 | First workshop on sharing and reusing architectural knowledge. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2006 , 31, 32-36 | 0.4 | 40 |

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| 15 | Architectural patterns for collaborative applications. <i>International Journal of Computer Applications in Technology</i> , 2006 , 25, 86 | 0.7 | 12 |
| 14 | Modeling architectural patterns using architectural primitives. <i>ACM SIGPLAN Notices</i> , 2005 , 40, 133-146 | 0.2 | 4 |
| 13 | Evolution Through Architectural Reconciliation. <i>Electronic Notes in Theoretical Computer Science</i> , 2005 , 127, 165-181 | 0.7 | 1 |
| 12 | CRITON: A Hypermedia Design Tool. <i>Multimedia Tools and Applications</i> , 2005 , 27, 5-21 | 2.5 | 3 |
| 11 | Modeling architectural patterns using architectural primitives 2005 , | | 33 |
| 10 | Agilo: A Highly Flexible Groupware Framework. <i>Lecture Notes in Computer Science</i> , 2005 , 49-56 | 0.9 | 5 |
| 9 | Hypermedia design for the mobile era. <i>International Journal of Mobile Communications</i> , 2004 , 2, 271 | 1.2 | 3 |
| 8 | Modeling learning technology systems as business systems. <i>Software and Systems Modeling</i> , 2003 , 2, 120-133 | 1.9 | 1 |
| 7 | An Architecture for Open Learning Management Systems. <i>Lecture Notes in Computer Science</i> , 2003 , 183-200 | 0.9 | 8 |
| 6 | Web engineering: new discipline, new educational challenges. <i>Information Services and Use</i> , 2000 , 20, 95-108 | 0.5 | 1 |
| 5 | Understanding software architecture erosion: A systematic mapping study. <i>Journal of Software: Evolution and Process</i> , | 1 | 0 |
| 4 | A metric for quantifying the ripple effects among requirements. <i>Software Quality Journal</i> ,1 | 1.2 | |
| 3 | The temporality of technical debt introduction on new code and confounding factors. <i>Software Quality Journal</i> ,1 | 1.2 | 1 |
| 2 | Modelling Web-Based Instructional Systems. <i>Journal of Information Technology Education:Research</i> ,1, 025-042 | | 4 |
| 1 | On the relation between architectural smells and source code changes. <i>Journal of Software: Evolution and Process</i> ,e2398 | 1 | |