

Ilias Gerostathopoulos

List of Publications by Citations

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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.

15
papers

195
citations

7
h-index

13
g-index

17
ext. papers

249
ext. citations

1.9
avg, IF

2.71
L-index

| # | Paper | IF | Citations |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 15 | DEECO 2013, | | 56 |
| 14 | Self-adaptation in software-intensive cyberphysical systems: From system goals to architecture configurations. <i>Journal of Systems and Software</i> , 2016, 122, 378-397 | 3.3 | 34 |
| 13 | Software Engineering for Smart Cyber-Physical Systems. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2017, 42, 19-24 | 0.4 | 32 |
| 12 | Design of ensemble-based component systems by invariant refinement 2013, | | 13 |
| 11 | Architectural Homeostasis in Self-Adaptive Software-Intensive Cyber-Physical Systems. <i>Lecture Notes in Computer Science</i> , 2016, 113-128 | 0.9 | 12 |
| 10 | Tuning self-adaptation in cyber-physical systems through architectural homeostasis. <i>Journal of Systems and Software</i> , 2019, 148, 37-55 | 3.3 | 12 |
| 9 | A language and framework for dynamic component ensembles in smart systems. <i>International Journal on Software Tools for Technology Transfer</i> , 2020, 22, 497-509 | 1.3 | 9 |
| 8 | Strengthening Adaptation in Cyber-Physical Systems via Meta-Adaptation Strategies. <i>ACM Transactions on Cyber-Physical Systems</i> , 2017, 1, 1-25 | 2.3 | 7 |
| 7 | Meta-Adaptation Strategies for Adaptation in Cyber-Physical Systems. <i>Lecture Notes in Computer Science</i> , 2015, 45-52 | 0.9 | 7 |
| 6 | DEECo: an ecosystem for cyber-physical systems 2014, | | 6 |
| 5 | Using component ensembles for modeling autonomic component collaboration in smart farming 2020, | | 3 |
| 4 | Decentralized Optimization of Vehicle Route Planning A Cross-City Comparative Study. <i>IEEE Internet Computing</i> , 2021, 25, 34-42 | 2.4 | 1 |
| 3 | Towards a Taxonomy of Autonomous Systems. <i>Lecture Notes in Computer Science</i> , 2021, 37-45 | 0.9 | 1 |
| 2 | Targeting uncertainty in smart CPS by confidence-based logic. <i>Journal of Systems and Software</i> , 2021, 181, 111065 | 3.3 | 0 |
| 1 | Automated Online Experiment-Driven Adaptation Mechanics and Cost Aspects. <i>IEEE Access</i> , 2021, 1-1 | 3.5 | 0 |