

# Ilias Gerostathopoulos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2075914/publications.pdf>

Version: 2024-02-01

17  
papers

282  
citations

1306789

7  
h-index

1199166

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEECO. , 2013, , .		76
2	Software Engineering for Smart Cyber-Physical Systems. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2017, 42, 19-24.	0.5	49
3	Self-adaptation in software-intensive cyber-physical systems: From system goals to architecture configurations. Journal of Systems and Software, 2016, 122, 378-397.	3.3	41
4	Tuning self-adaptation in cyber-physical systems through architectural homeostasis. Journal of Systems and Software, 2019, 148, 37-55.	3.3	18
5	A language and framework for dynamic component ensembles in smart systems. International Journal on Software Tools for Technology Transfer, 2020, 22, 497-509.	1.7	18
6	Design of ensemble-based component systems by invariant refinement. , 2013, , .		14
7	Architectural Homeostasis in Self-Adaptive Software-Intensive Cyber-Physical Systems. Lecture Notes in Computer Science, 2016, , 113-128.	1.0	14
8	Strengthening Adaptation in Cyber-Physical Systems via Meta-Adaptation Strategies. ACM Transactions on Cyber-Physical Systems, 2017, 1, 1-25.	1.9	12
9	Assessing Self-Adaptation Strategies Using Cost-Benefit Analysis. , 2022, , .		8
10	Meta-Adaptation Strategies for Adaptation in Cyber-Physical Systems. Lecture Notes in Computer Science, 2015, , 45-52.	1.0	7
11	DEECO: an ecosystem for cyber-physical systems. , 2014, , .		6
12	Towards a Taxonomy of Autonomous Systems. Lecture Notes in Computer Science, 2021, , 37-45.	1.0	5
13	Using component ensembles for modeling autonomic component collaboration in smart farming. , 2020, , .		5
14	Automated Online Experiment-Driven Adaptation- Mechanics and Cost Aspects. IEEE Access, 2021, 9, 58079-58087.	2.6	4
15	Decentralized Optimization of Vehicle Route Planning- A Cross-City Comparative Study. IEEE Internet Computing, 2021, 25, 34-42.	3.2	3
16	Introduction to the Special Issue - Applications in Self-Aware Computing Systems and their Evaluation- Computers, 2020, 9, 22.	2.1	1
17	Targeting uncertainty in smart CPS by confidence-based logic. Journal of Systems and Software, 2021, 181, 111065.	3.3	1