

# Stephen Gilmore

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

577  
citations

933447

10  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	The PEPA workbench: A tool to support a process algebra-based approach to performance modelling. Lecture Notes in Computer Science, 1994, , 353-368.	1.3	149
2	Modelling the Influence of RKIP on the ERK Signalling Pathway Using the Stochastic Process Algebra PEPA. Lecture Notes in Computer Science, 2006, , 1-23.	1.3	83
3	The PEPA eclipse plugin. Performance Evaluation Review, 2009, 36, 28-33.	0.6	63
4	PEPA nets: a structured performance modelling formalism. Performance Evaluation, 2003, 54, 79-104.	1.2	54
5	Automatic extraction of PEPA performance models from UML activity diagrams annotated with the MARTE profile. , 2008, , .		35
6	Stochastic Process Algebras. , 2007, , 132-179.		31
7	Non-functional properties in the model-driven development of service-oriented systems. Software and Systems Modeling, 2011, 10, 287-311.	2.7	28
8	Software performance modelling using PEPA nets. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, , .	0.7	20
9	Integrated Simulation and Model-Checking for the Analysis of Biochemical Systems. Electronic Notes in Theoretical Computer Science, 2009, 232, 17-38.	0.9	18
10	Securing Statically-verified Communications Protocols Against Timing Attacks. Electronic Notes in Theoretical Computer Science, 2005, 128, 123-143.	0.9	14
11	Sensoria Patterns: Augmenting Service Engineering with Formal Analysis, Transformation and Dynamicity. Communications in Computer and Information Science, 2008, , 170-190.	0.5	13
12	A unified tool for performance modelling and prediction. Reliability Engineering and System Safety, 2005, 89, 17-32.	8.9	10
13	Design and development of software tools for Bio-PEPA. , 2009, , .		9
14	Formal Methods for Checking the Consistency of Biological Models. Advances in Experimental Medicine and Biology, 2012, 736, 461-475.	1.6	8
15	A Unified Tool for Performance Modelling and Prediction. Lecture Notes in Computer Science, 2003, , 179-192.	1.3	7
16	Software performance modelling using PEPA nets. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 13-23.	0.7	7
17	PEPA Nets. Lecture Notes in Computer Science, 2004, , 311-335.	1.3	6
18	Quantitative Analysis of Web Services Using SRMC. Lecture Notes in Computer Science, 2009, , 296-339.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Service-Level Agreements for Service-Oriented Computing. Lecture Notes in Computer Science, 2009, , 21-36.	1.3	5
20	Quantitative Analysis of Services. Lecture Notes in Computer Science, 2011, , 522-540.	1.3	3
21	Modelling Role-Playing Games Using PEPA Nets. Lecture Notes in Computer Science, 2004, , 523-532.	1.3	2
22	Scaling Performance Analysis Using Fluid-Flow Approximation. Lecture Notes in Computer Science, 2011, , 486-505.	1.3	2
23	PEPA Nets in Practice: Modelling a Decentralised Peer-to-Peer Emergency Medical Application. Lecture Notes in Computer Science, 2004, , 262-277.	1.3	1
24	Integrated Analysis from Abstract Stochastic Process Algebra Models. Lecture Notes in Computer Science, 2008, , 2-4.	1.3	1
25	Visualisation for Stochastic Process Algebras: The Graphic Truth. Lecture Notes in Computer Science, 2011, , 310-324.	1.3	1
26	Service Composition for Collective Adaptive Systems. Lecture Notes in Computer Science, 2015, , 490-505.	1.3	1