Fernando Silva

List of Publications by Citations

81 papers	**600** citations	**12** h-index	**20** g-index
91 ext. papers	**715** ext. citations	**1.9** avg, IF	**4.15** L-index

#	Paper	IF	Citations
81	Mooshak: a Web-based multi-site programming contest system. *Software - Practice and Experience*, **2003**, 33, 567-581	2.5	66
80	g-tries **2010**,		58
79	G-Tries: a data structure for storing and finding subgraphs. *Data Mining and Knowledge Discovery*, **2014**, 28, 337-377	5.6	40
78	Strategies for Network Motifs Discovery **2009**,		27
77	On applying or-parallelism and tabling to logic programs. *Theory and Practice of Logic Programming*, **2005**, 5, 161-205	0.8	26
76	Parallel discovery of network motifs. *Journal of Parallel and Distributed Computing*, **2012**, 72, 144-154	4.4	21
75	Parallel ILP for distributed-memory architectures. *Machine Learning*, **2009**, 74, 257-279	4	20
74	Comparison of Co-authorship Networks across Scientific Fields Using Motifs **2012**,		19
73	Efficient Parallel Subgraph Counting Using G-Tries **2010**,		15
72	Querying subgraph sets with g-tries **2012**,		15
71	Parallel Subgraph Counting for Multicore Architectures **2014**,		14
70	Discovering Colored Network Motifs. *Studies in Computational Intelligence*, **2014**, 107-118	0.8	13
69	Temporal network alignment via GoT-WAVE. *Bioinformatics*, **2019**, 35, 3527-3529	7.2	12
68	April An Inductive Logic Programming System. *Lecture Notes in Computer Science*, **2006**, 481-484	0.9	12
67	On a Tabling Engine That Can Exploit Or-Parallelism. *Lecture Notes in Computer Science*, **2001**, 43-58	0.9	12
66	Using Edge-Clouds to Reduce Load on Traditional WiFi Infrastructures and Improve Quality of Experience **2017**,		11
65	Efficient Subgraph Frequency Estimation with G-Tries. *Lecture Notes in Computer Science*, **2010**, 238-249	0.9	11

#	Title		
64	A Survey on Subgraph Counting. *ACM Computing Surveys*, **2021**, 54, 1-36	13.4	10
63	Graphlet-orbit Transitions (GoT): A fingerprint for temporal network comparison. *PLoS ONE*, **2018**, 13, e0205497	3.7	10
62	Strategies to Parallelize ILP Systems. *Lecture Notes in Computer Science*, **2005**, 136-153	0.9	10
61	Towards a middleware for mobile edge-cloud applications **2017**,		9
60	P3: Parallel Peer to Peer An Internet Parallel Programming Environment. *Lecture Notes in Computer Science*, **2002**, 274-288	0.9	9
59	Motif Mining in Weighted Networks **2012**,		8
58	A Novel Implementation of the Extended Andorra Model. *Lecture Notes in Computer Science*, **2001**, 199-213	0.9	8
57	Dynamic inference of social roles in information cascades. *Data Mining and Knowledge Discovery*, **2015**, 29, 1152-1177	5.6	7
56	Distribution and Mobility with Lexical Scoping in Process Calculi. *Electronic Notes in Theoretical Computer Science*, **1998**, 16, 189-204	0.7	7
55	Or-parallel Prolog on a distributed memory architecture. *The Journal of Logic Programming*, **2000**, 43, 173-186		7
54	Extending the Applicability of Graphlets to Directed Networks. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2017**, 14, 1302-1315	3	6
53	Benchmarking Wireless Protocols for Feasibility in Supporting Crowdsourced Mobile Computing. *Lecture Notes in Computer Science*, **2016**, 96-108	0.9	6
52	Dynamic Mixed-Strategy Evaluation of Tabled Logic Programs. *Lecture Notes in Computer Science*, **2005**, 250-264	0.9	6
51	YapOr: An Or-Parallel Prolog System Based on Environment Copying. *Lecture Notes in Computer Science*, **1999**, 178-192	0.9	6
50	P3-Mobile **2017**,		5
49	Iris: Secure reliable live-streaming with opportunistic mobile edge cloud offloading. *Future Generation Computer Systems*, **2019**, 101, 272-292	7.5	5
48	A Multi-threaded Asynchronous Language. *Lecture Notes in Computer Science*, **2003**, 316-323	0.9	5
47	A Parallel Computing Hybrid Approach for Feature Selection **2015**,		4

46	Improving the efficiency of inductive logic programming systems. *Software - Practice and Experience*, **2009**, 39, 189-219	2.5	4
45	Feature extraction for the author name disambiguation problem in a bibliographic database **2017**,		4
44	On Avoiding Redundancy in Inductive Logic Programming. *Lecture Notes in Computer Science*, **2004**, 132-146	0.9	4
43	A Virtual Machine for a Process Calculus. *Lecture Notes in Computer Science*, **1999**, 244-260	0.9	4
42	Event detection in evolving networks **2012**,		3
41	A design and implementation of the Extended Andorra Model1. *Theory and Practice of Logic Programming*, **2012**, 12, 319-360	0.8	3
40	A pipelined data-parallel algorithm for ILP **2005**,		3
39	Efficient Data Structures for Inductive Logic Programming. *Lecture Notes in Computer Science*, **2003**, 130-145	0.9	3
38	A concurrent programming environment with support for distributed computations and code mobility **2000**,		3
37	Time series analysis via network science: Concepts and algorithms. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, **2021**, 11, e1404	6.9	3
36	DAOS Scalable And-Or Parallelism. *Lecture Notes in Computer Science*, **1999**, 899-908	0.9	3
35	Discovering weighted motifs in gene co-expression networks **2015**,		2
34	Stheno, a real-time fault-tolerant P2P middleware platform for light-train systems **2013**,		2
33	Parallel calculation of multi-electrode array correlation networks. *Journal of Neuroscience Methods*, **2009**, 184, 357-64	3	2
32	YapDss: An Or-Parallel Prolog System for Scalable Beowulf Clusters. *Lecture Notes in Computer Science*, **2003**, 136-150	0.9	2
31	On the BEAM Implementation. *Lecture Notes in Computer Science*, **2003**, 131-135	0.9	2
30	On Deterministic Computations in the Extended Andorra Model. *Lecture Notes in Computer Science*, **2003**, 407-421	0.9	2
29	OTARIOS: OpTimizing Author Ranking with Insiders/Outsiders Subnetworks. *Studies in Computational Intelligence*, **2019**, 143-154	0.8	2

28	A Subgraph-Based Ranking System for Professional Tennis Players. *Studies in Computational Intelligence*, **2016**, 159-171	0.8	2
27	Pruning in the Extended Andorra Model. *Lecture Notes in Computer Science*, **2004**, 120-134	0.9	2
26	BIORED - A Genetic Algorithm for Pattern Detection in Biosequences. *Advances in Soft Computing*, **2009**, 156-165		2
25	A Parallel Algorithm for Counting Subgraphs in Complex Networks. *Communications in Computer and Information Science*, **2011**, 380-393	0.3	2
24	Network Node Label Acquisition and Tracking. *Lecture Notes in Computer Science*, **2011**, 418-430	0.9	2
23	An or-parallel prolog execution model for a distributed shared memory machine. *Lecture Notes in Computer Science*, **1993**, 170-182	0.9	2
22	Energy-aware adaptive offloading of soft real-time jobs in mobile edge clouds. *Journal of Cloud Computing: Advances, Systems and Applications*, **2021**, 10,	3.2	2
21	Feature-enriched author ranking in incomplete networks. *Applied Network Science*, **2019**, 4,	2.9	1
20	Or-parallel prolog execution on multicores based on stack splitting **2012**,		1
19	Thread- and Process-based Implementations of the pSystem Parallel Programming Environment. *Software - Practice and Experience*, **1997**, 27, 329-351	2.5	1
18	Aurora vs. Muse: a portability study of two or-parallel Prolog systems. *Computing Systems in Engineering: an International Journal*, **1995**, 6, 345-349		1
17	Evolutionary role mining in complex networks by ensemble clustering **2017**,		1
16	Mob: A Scripting Language for Mobile Agents Based on a Process Calculus. *Lecture Notes in Computer Science*, **2003**, 40-43	0.9	1
15	IMPACT: Innovative Models for Prolog with Advanced Control and Tabling. *Lecture Notes in Computer Science*, **2005**, 416-417	0.9	1
14	Video Dissemination in Untethered Edge-Clouds: A Case Study. *Lecture Notes in Computer Science*, **2018**, 137-152	0.9	1
13	Or-Parallelism within Tabling. *Lecture Notes in Computer Science*, **1998**, 137-151	0.9	1
12	di_pSystem: A Parallel Programming System for Distributed Memory Architectures. *Lecture Notes in Computer Science*, **1999**, 525-532	0.9	1
11	Jay: Adaptive Computation Offloading for Hybrid Cloud Environments **2020**,		1

10	Hierarchical Expert Profiling Using Heterogeneous Information Networks. *Lecture Notes in Computer Science*, **2018**, 344-360	0.9	1
9	Novel Models for Or-Parallel Logic Programs: A Performance Analysis. *Lecture Notes in Computer Science*, **2000**, 744-753	0.9	1
8	Parallel Asynchronous Strategies for the Execution of Feature Selection Algorithms. *International Journal of Parallel Programming*, **2018**, 46, 252-283	1.5	0
7	Novel features for time series analysis: a complex networks approach. *Data Mining and Knowledge Discovery*,1	5.6	0
6	Speculative Computations in Or-Parallel Tabled Logic Programs. *Lecture Notes in Computer Science*, **2004**, 254-268	0.9	
5	Fine-grained multithreading with process calculi. *IEEE Transactions on Computers*, **2001**, 50, 852-862	2.5	
4	Experimental Evaluation of a Caching Technique for ILP. *Lecture Notes in Computer Science*, **2003**, 151-155	0.9	
3	Concurrent Table Accesses in Parallel Tabled Logic Programs. *Lecture Notes in Computer Science*, **2004**, 662-670	0.9	
2	Finding Dominant Nodes Using Graphlets. *Studies in Computational Intelligence*, **2020**, 77-89	0.8	
1	Scheduling algorithms performance with the pSystem parallel programming environment. *Lecture Notes in Computer Science*, **1994**, 827-830	0.9	