Roberto De Prisco

List of Publications by Citations

71 papers	910 citations	16 h-index	28 g-index
81 ext. papers	1,089 ext. citations	1.7 avg, IF	4.19 L-index

#	Paper	IF	Citations
71	Probabilistic Visual Cryptography Schemes. *Computer Journal*, **2006**, 49, 97-107	1.3	170
70	Optimal Colored Threshold Visual Cryptography Schemes. *Designs, Codes, and Cryptography*, **2005**, 35, 311-335	1.2	73
69	Colored visual cryptography without color darkening. *Theoretical Computer Science*, **2007**, 374, 261-276	1.1	64
68	Revisiting the paxos algorithm. *Theoretical Computer Science*, **2000**, 243, 35-91	1.1	54
67	On the Relation of Random Grid and Deterministic Visual Cryptography. *IEEE Transactions on Information Forensics and Security*, **2014**, 9, 653-665	8	46
66	Time-optimal message-efficient work performance in the presence of faults **1994**,		40
65	Performing tasks on synchronous restartable message-passing processors. *Distributed Computing*, **2001**, 14, 49-64	1.2	34
64	Deterministic Truthful Approximation Mechanisms for Scheduling Related Machines. *Lecture Notes in Computer Science*, **2004**, 608-619	0.9	34
63	A botnet-based command and control approach relying on swarm intelligence. *Journal of Network and Computer Applications*, **2014**, 38, 22-33	7.9	24
62	Revisiting the Paxos algorithm. *Lecture Notes in Computer Science*, **1997**, 111-125	0.9	21
61	Do You Trust Your Phone?. *Lecture Notes in Computer Science*, **2009**, 50-61	0.9	20
60	Cheating Immune Threshold Visual Secret Sharing. *Computer Journal*, **2010**, 53, 1485-1496	1.3	19
59	Color visual cryptography schemes for black and white secret images. *Theoretical Computer Science*, **2013**, 510, 62-86	1.1	18
58	Understanding the structure of musical compositions: Is visualization an effective approach?. *Information Visualization*, **2017**, 16, 139-152	2.4	17
57	The power of verification for one-parameter agents. *Journal of Computer and System Sciences*, **2009** , 75, 190-211	1	16
56	On k-set consensus problems in asynchronous systems. *IEEE Transactions on Parallel and Distributed Systems*, **2001**, 12, 7-21	3.7	16
55	Cheating Immune (2,n)-Threshold Visual Secret Sharing. *Lecture Notes in Computer Science*, **2006**, 216-228	0.9	13

54	A Dynamic Primary Configuration Group Communication Service. *Lecture Notes in Computer Science*, **1999**, 64-78	0.9	13
53	EvoBassComposer **2010**,		12
52	New bounds on the expected length of one-to-one codes. *IEEE Transactions on Information Theory*, **1996**, 42, 246-250	2.8	12
51	The Power of Verification for One-Parameter Agents. *Lecture Notes in Computer Science*, **2004**, 171-182	0.9	12
50	The Conundrum of Success in Music: Playing it or Talking About it?. *IEEE Access*, **2019**, 7, 123289-123298	3.5	11
49	On binary search trees. *Information Processing Letters*, **1993**, 45, 249-253	0.8	11
48	EvoComposer: An Evolutionary Algorithm for 4-Voice Music Compositions. *Evolutionary Computation*, **2020**, 28, 489-530	4.3	10
47	Catastrophic faults in reconfigurable systolic linear arrays. *Discrete Applied Mathematics*, **1997**, 75, 105-123		10
46	A Neural Network for Bass Functional Harmonization. *Lecture Notes in Computer Science*, **2010**, 351-360	0.9	9
45	Visualization of Music Plagiarism: Analysis and Evaluation **2016**,		8
44	A hybrid computational intelligence approach for automatic music composition **2011**,		8
43	Secure computation without computers. *Theoretical Computer Science*, **2016**, 651, 11-36	1.1	8
42	New Constructions of Mechanisms with Verification. *Lecture Notes in Computer Science*, **2006**, 596-607	0.9	8
41	A Kind of Bio-inspired Learning of mUsic stylE. *Lecture Notes in Computer Science*, **2017**, 97-113	0.9	7
40	Measure-independent characterization of contrast optimal visual cryptography schemes. *Journal of Systems and Software*, **2014**, 95, 89-99	3.3	7
39	How to Forge a Digital Alibi on Mac OS X. *Lecture Notes in Computer Science*, **2012**, 430-444	0.9	7
38	**2018**,		7
37	On Designing Truthful Mechanisms for Online Scheduling. *Lecture Notes in Computer Science*, **2005**, 3-17	0.9	6

36	Splicing music composition. *Information Sciences*, **2017**, 385-386, 196-212	7.7	5
35	Secure Two-Party Computation: A Visual Way. *Lecture Notes in Computer Science*, **2014**, 18-38	0.9	5
34	A Genetic Algorithm for Dodecaphonic Compositions. *Lecture Notes in Computer Science*, **2011**, 244-253	0.9	5
33	Performing tasks on restartable message-passing processors. *Lecture Notes in Computer Science*, **1997**, 96-110	0.9	4
32	Chorale Music Splicing System: An Algorithmic Music Composer Inspired by Molecular Splicing. *Lecture Notes in Computer Science*, **2015**, 50-61	0.9	4
31	Design Weaknesses in Recent Ultralightweight RFID Authentication Protocols. *IFIP Advances in Information and Communication Technology*, **2018**, 3-17	0.5	4
30	A new bound for the data expansion of Huffman codes. *IEEE Transactions on Information Theory*, **1997**, 43, 2028-2032	2.8	3
29	Minimal path length of trees with known fringe. *Theoretical Computer Science*, **1995**, 143, 175-188	1.1	3
28	Private Visual Share-Homomorphic Computation and Randomness Reduction in Visual Cryptography. *Lecture Notes in Computer Science*, **2016**, 95-113	0.9	3
27	Providing music service in Ambient Intelligence: experiments with gym users. *Expert Systems With Applications*, **2021**, 177, 114951	7.8	3
26	Visual Cryptography. *Lecture Notes in Computer Science*, **2016**, 20-39	0.9	2
25	On Lower Bounds for the Redundancy of Optimal Codes. *Designs, Codes, and Cryptography*, **1998**, 15, 29-45	1.2	2
24	Routing selfish unsplittable traffic. *ACM Transactions on Algorithms*, **2007**, 3, 52	1.2	2
23	Certified email: design and implementation of a new optimistic protocol		2
22	On k-set consensus problems in asynchronous systems **1999**,		2
21	Colored Visual Cryptography Without Color Darkening. *Lecture Notes in Computer Science*, **2005**, 235-248	0.9	2
20	A Customizable Recognizer for Orchestral Conducting Gestures Based on Neural Networks. *Lecture Notes in Computer Science*, **2011**, 254-263	0.9	2
19	A Differential Evolution Algorithm Assisted by ANFIS for Music Fingering. *Lecture Notes in Computer Science*, **2012**, 48-56	0.9	2

18	An Evolutionary Composer for Real-Time Background Music. *Lecture Notes in Computer Science*, **2016**, 135-151	0.9	2
17	Coordinated Cooperative Work Using Undependable Processors with Unreliable Broadcast **2014**,		1
16	Modeling A Certified Email Protocol using I/O Automata. *Electronic Notes in Theoretical Computer Science*, **2004**, 99, 339-359	0.7	1
15	Gossamer: weaknesses and performance. *International Journal of Information Security*,1	2.8	1
14	Human-Machine Teaming in Music: anchored narrative-graph Visualization and Machine Learning **2020**,		1
13	Using Colors to Improve Visual Cryptography for Black and White Images. *Lecture Notes in Computer Science*, **2011**, 182-201	0.9	1
12	Measure-Independent Characterization of Contrast Optimal Visual Cryptography Schemes. *Lecture Notes in Computer Science*, **2014**, 39-55	0.9	1
11	Coordinated cooperative task computing using crash-prone processors with unreliable multicast. *Journal of Parallel and Distributed Computing*, **2017**, 109, 272-285	4.4	
10	On designing truthful mechanisms for online scheduling. *Theoretical Computer Science*, **2009**, 410, 3348-3356	1.1	
9	A note on the expected path length of trees with known fringe. *Information Processing Letters*, **1996**, 59, 309-315	0.8	
8	Reducing Costs in HSM-Based Data Centers. *Lecture Notes in Computer Science*, **2017**, 3-14	0.9	
7	Splicing-Inspired Recognition and Composition of Musical Collectives Styles. *Lecture Notes in Computer Science*, **2017**, 219-231	0.9	
6	Design of an outdoor position certification authority. *International Journal of Embedded Systems*, **2020**, 12, 404	0.5	
5	Ultra-lightweight Authentication **2021**, 99-112		
4	Secret sharing schemes for infinite sets of participants: A new design technique. *Theoretical Computer Science*, **2021**, 859, 149-161	1.1	
3	Reducing costs in HSM-based data centers. *Journal of High Speed Networks*, **2018**, 24, 363-373	0.4	
2	On the Equivalence of 2-Threshold Secret Sharing Schemes and Prefix Codes. *Lecture Notes in Computer Science*, **2018**, 157-167	0.9	
1	An Efficient and Reliable Two-Level Lightweight Authentication Protocol. *Lecture Notes in Computer Science*, **2018**, 168-180	0.9	