

Roberto De Prisco

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,261
citations

430874
18
h-index

414414
32
g-index

81
all docs

81
docs citations

81
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	An adaptive meta-heuristic for music plagiarism detection based on text similarity and clustering. Data Mining and Knowledge Discovery, 2022, 36, 1301-1334.	3.7	5
2	Ultra-lightweight Authentication. , 2021, , 99-112.		0
3	Secret sharing schemes for infinite sets of participants: A new design technique. Theoretical Computer Science, 2021, 859, 149-161.	0.9	3
4	Providing music service in Ambient Intelligence: experiments with gym users. Expert Systems With Applications, 2021, 177, 114951.	7.6	18
5	Graph embedding of music structures for machine learning approaches. , 2021, , .		0
6	Design of an outdoor position certification authority. International Journal of Embedded Systems, 2020, 12, 404.	0.3	0
7	EvoComposer: An Evolutionary Algorithm for 4-Voice Music Compositions. Evolutionary Computation, 2020, 28, 489-530.	3.0	20
8	Design of an outdoor position certification authority. International Journal of Embedded Systems, 2020, 12, 404.	0.3	0
9	Human-Machine Teaming in Music: anchored narrative-graph Visualization and Machine Learning. , 2020, , .		1
10	The Conundrum of Success in Music: Playing it or Talking About it?. IEEE Access, 2019, 7, 123289-123298.	4.2	23
11	Reducing costs in HSM-based data centers. Journal of High Speed Networks, 2018, 24, 363-373.	0.8	1
12	Evaluation Study of Visualisations for Harmonic Analysis of 4-Part Music. , 2018, , .		8
13	On the Equivalence of 2-Threshold Secret Sharing Schemes and Prefix Codes. Lecture Notes in Computer Science, 2018, , 157-167.	1.3	1
14	An Efficient and Reliable Two-Level Lightweight Authentication Protocol. Lecture Notes in Computer Science, 2018, , 168-180.	1.3	0
15	Design Weaknesses in Recent Ultralightweight RFID Authentication Protocols. IFIP Advances in Information and Communication Technology, 2018, , 3-17.	0.7	4
16	Splicing music composition. Information Sciences, 2017, 385-386, 196-212.	6.9	14
17	A Kind of Bio-inspired Learning of mUsic style. Lecture Notes in Computer Science, 2017, , 97-113.	1.3	13
18	Understanding the structure of musical compositions: Is visualization an effective approach?. Information Visualization, 2017, 16, 139-152.	1.9	28

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19	Fuzzy vectorial-based similarity detection of music plagiarism. , 2017, , .		3
20	Coordinated cooperative task computing using crash-prone processors with unreliable multicast. Journal of Parallel and Distributed Computing, 2017, 109, 272-285.	4.1	0
21	A computational intelligence text-based detection system of music plagiarism. , 2017, , .		1
22	BAND: A mobile-based collaboration system for composing and playing music. , 2017, , .		0
23	Reducing Costs in HSM-Based Data Centers. Lecture Notes in Computer Science, 2017, , 3-14.	1.3	1
24	Splicing-Inspired Recognition and Composition of Musical Collectives Styles. Lecture Notes in Computer Science, 2017, , 219-231.	1.3	0
25	Secure computation without computers. Theoretical Computer Science, 2016, 651, 11-36.	0.9	11
26	Visualization of Music Plagiarism: Analysis and Evaluation. , 2016, , .		19
27	Visual Cryptography. Lecture Notes in Computer Science, 2016, , 20-39.	1.3	4
28	Private Visual Share-Homomorphic Computation and Randomness Reduction in Visual Cryptography. Lecture Notes in Computer Science, 2016, , 95-113.	1.3	3
29	Chorale Music Splicing System: An Algorithmic Music Composer Inspired by Molecular Splicing. Lecture Notes in Computer Science, 2015, , 50-61.	1.3	11
30	A botnet-based command and control approach relying on swarm intelligence. Journal of Network and Computer Applications, 2014, 38, 22-33.	9.1	28
31	Coordinated Cooperative Work Using Undependable Processors with Unreliable Broadcast. , 2014, , .		1
32	On the Relation of Random Grid and Deterministic Visual Cryptography. IEEE Transactions on Information Forensics and Security, 2014, 9, 653-665.	6.9	65
33	Measure-independent characterization of contrast optimal visual cryptography schemes. Journal of Systems and Software, 2014, 95, 89-99.	4.5	10
34	Secure Two-Party Computation: A Visual Way. Lecture Notes in Computer Science, 2014, , 18-38.	1.3	7
35	Measure-Independent Characterization of Contrast Optimal Visual Cryptography Schemes. Lecture Notes in Computer Science, 2014, , 39-55.	1.3	1
36	Color visual cryptography schemes for black and white secret images. Theoretical Computer Science, 2013, 510, 62-86.	0.9	25

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37	A Differential Evolution Algorithm Assisted by ANFIS for Music Fingering. Lecture Notes in Computer Science, 2012, , 48-56.	1.3	3
38	How to Forge a Digital Alibi on Mac OS X. Lecture Notes in Computer Science, 2012, , 430-444.	1.3	8
39	A hybrid computational intelligence approach for automatic music composition. , 2011, , .		16
40	A Genetic Algorithm for Dodecaphonic Compositions. Lecture Notes in Computer Science, 2011, , 244-253.	1.3	9
41	A Customizable Recognizer for Orchestral Conducting Gestures Based on Neural Networks. Lecture Notes in Computer Science, 2011, , 254-263.	1.3	3
42	Using Colors to Improve Visual Cryptography for Black and White Images. Lecture Notes in Computer Science, 2011, , 182-201.	1.3	3
43	EvoBassComposer. , 2010, , .		18
44	Cheating Immune Threshold Visual Secret Sharing. Computer Journal, 2010, 53, 1485-1496.	2.4	22
45	A Neural Network for Bass Functional Harmonization. Lecture Notes in Computer Science, 2010, , 351-360.	1.3	13
46	On designing truthful mechanisms for online scheduling. Theoretical Computer Science, 2009, 410, 3348-3356.	0.9	0
47	The power of verification for one-parameter agents. Journal of Computer and System Sciences, 2009, 75, 190-211.	1.2	20
48	Routing selfish unsplittable traffic. ACM Transactions on Algorithms, 2007, 3, 52.	1.0	2
49	Colored visual cryptography without color darkening. Theoretical Computer Science, 2007, 374, 261-276.	0.9	72
50	Cheating Immune (2,n)-Threshold Visual Secret Sharing. Lecture Notes in Computer Science, 2006, , 216-228.	1.3	20
51	Algorithmic problems in distributed systems. Computer Networks, 2006, 50, 1581-1582.	5.1	0
52	Probabilistic Visual Cryptography Schemes. Computer Journal, 2006, 49, 97-107.	2.4	200
53	New Constructions of Mechanisms with Verification. Lecture Notes in Computer Science, 2006, , 596-607.	1.3	14
54	Optimal Colored Threshold Visual Cryptography Schemes. Designs, Codes, and Cryptography, 2005, 35, 311-335.	1.6	80

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55	On Designing Truthful Mechanisms for Online Scheduling. Lecture Notes in Computer Science, 2005, , 3-17.	1.3	7
56	Modeling A Certified Email Protocol using I/O Automata. Electronic Notes in Theoretical Computer Science, 2004, 99, 339-359.	0.9	2
57	Deterministic Truthful Approximation Mechanisms for Scheduling Related Machines. Lecture Notes in Computer Science, 2004, , 608-619.	1.3	45
58	The Power of Verification for One-Parameter Agents. Lecture Notes in Computer Science, 2004, , 171-182.	1.3	14
59	On k-set consensus problems in asynchronous systems. IEEE Transactions on Parallel and Distributed Systems, 2001, 12, 7-21.	5.6	24
60	Performing tasks on synchronous restartable message-passing processors. Distributed Computing, 2001, 14, 49-64.	0.8	39
61	Revisiting the paxos algorithm. Theoretical Computer Science, 2000, 243, 35-91.	0.9	79
62	On k-set consensus problems in asynchronous systems. , 1999, , .		5
63	A Dynamic Primary Configuration Group Communication Service. Lecture Notes in Computer Science, 1999, , 64-78.	1.3	16
64	On Lower Bounds for the Redundancy of Optimal Codes. Designs, Codes, and Cryptography, 1998, 15, 29-45.	1.6	3
65	On the Data Expansion of the Huffman Compression Algorithm. Computer Journal, 1998, 41, 137-144.	2.4	1
66	Revisiting the Paxos algorithm. Lecture Notes in Computer Science, 1997, , 111-125.	1.3	27
67	Performing tasks on restartable message-passing processors. Lecture Notes in Computer Science, 1997, , 96-110.	1.3	12
68	A new bound for the data expansion of Huffman codes. IEEE Transactions on Information Theory, 1997, 43, 2028-2032.	2.4	6
69	Catastrophic faults in reconfigurable systolic linear arrays. Discrete Applied Mathematics, 1997, 75, 105-123.	0.9	10
70	New bounds on the expected length of one-to-one codes. IEEE Transactions on Information Theory, 1996, 42, 246-250.	2.4	19
71	A note on the expected path length of trees with known fringe. Information Processing Letters, 1996, 59, 309-315.	0.6	0
72	Minimal path length of trees with known fringe. Theoretical Computer Science, 1995, 143, 175-188.	0.9	3

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73	Time-optimal message-efficient work performance in the presence of faults. , 1994, , .		52
74	On binary search trees. Information Processing Letters, 1993, 45, 249-253.	0.6	12
75	On the redundancy and data expansion of Huffman codes. , 0, , .		1
76	Certified email: design and implementation of a new optimistic protocol. , 0, , .		6
77	Gossamer: weaknesses and performance. International Journal of Information Security, 0, , 1.	3.4	1
78	Creative DNA computing: splicing systems for music composition. Soft Computing, 0, , .	3.6	0