

Chang-Biau Yang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

330
citations

687363

13
h-index

888059

17
g-index

38
all docs

38
docs citations

38
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient algorithm for the longest common palindromic subsequence problem. Theoretical Computer Science, 2022, , .	0.9	0
2	The Generalized Definitions of the Two-Dimensional Largest Common Substructure Problems. Algorithmica, 2020, 82, 2039-2062.	1.3	1
3	A diagonal-based algorithm for the longest common increasing subsequence problem. Theoretical Computer Science, 2020, 815, 69-78.	0.9	2
4	An efficient algorithm for computing the edit distance with non-overlapping inversions. , 2019, , .		0
5	Efficient merged longest common subsequence algorithms for similar sequences. Theoretical Computer Science, 2018, 708, 75-90.	0.9	14
6	Trading Decision of Taiwan Stocks with the Help of United States Stock Market. Procedia Computer Science, 2018, 126, 87-96.	2.0	0
7	Multiperiod portfolio investment using stochastic programming with conditional value at risk. Computers and Operations Research, 2017, 81, 305-321.	4.0	19
8	Flexible Dynamic Time Warping for Time Series Classification. Procedia Computer Science, 2015, 51, 2838-2842.	2.0	23
9	AN ADAPTIVE HEURISTIC ALGORITHM WITH THE PROBABILISTIC SAFETY VECTOR FOR FAULT-TOLERANT ROUTING ON THE (n, k) -STAR GRAPH. International Journal of Foundations of Computer Science, 2014, 25, 723-743.	1.1	5
10	Taiwan Stock Investment with Gene Expression Programming. Procedia Computer Science, 2014, 35, 137-146.	2.0	11
11	Efficient polynomial-time algorithms for the constrained LCS problem with strings exclusion. Journal of Combinatorial Optimization, 2014, 28, 800-813.	1.3	5
12	The trading on the mutual funds by gene expression programming with Sortino ratio. Applied Soft Computing Journal, 2014, 15, 219-230.	7.2	14
13	Finding the gapped longest common subsequence by incremental suffix maximum queries. Information and Computation, 2014, 237, 95-100.	0.7	2
14	Efficient algorithms for the longest common subsequence problem with sequential substring constraints. Journal of Complexity, 2013, 29, 44-52.	1.3	21
15	Computational Study of Estrogen Receptor-Alpha Antagonist with Three-Dimensional Quantitative Structure-Activity Relationship, Support Vector Regression, and Linear Regression Methods. International Journal of Medicinal Chemistry, 2013, 2013, 1-13.	2.2	6
16	Prediction of Protein Essentiality by the Support Vector Machine with Statistical Tests. , 2012, , .		2
17	Fast algorithms for computing the constrained LCS of run-length encoded strings. Theoretical Computer Science, 2012, 432, 1-9.	0.9	7
18	A new efficient indexing algorithm for one-dimensional real scaled patterns. Journal of Computer and System Sciences, 2012, 78, 273-278.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Efficient Algorithms for the Longest Common Subsequence Problem with Sequential Substring Constraints. , 2011, , .		0
20	Genetic algorithms for the investment of the mutual fund with global trend indicator. Expert Systems With Applications, 2011, 38, 1697-1701.	7.6	14
21	The indexing for one-dimensional proportionally-scaled strings. Information Processing Letters, 2011, 111, 318-322.	0.6	0
22	Efficient indexing algorithms for one-dimensional discretely-scaled strings. Information Processing Letters, 2010, 110, 730-734.	0.6	1
23	Efficient algorithms for the block edit problems. Information and Computation, 2010, 208, 221-229.	0.7	19
24	AN ALGORITHM AND APPLICATIONS TO SEQUENCE ALIGNMENT WITH WEIGHTED CONSTRAINTS. International Journal of Foundations of Computer Science, 2010, 21, 51-59.	1.1	20
25	A Fault-Tolerant Routing Algorithm with Safety Vectors on the (n, k) -Star Graph. , 2009, , .		3
26	Efficient algorithms for finding interleaving relationship between sequences. Information Processing Letters, 2008, 105, 188-193.	0.6	17
27	A fast and simple algorithm for computing the longest common subsequence of run-length encoded strings. Information Processing Letters, 2008, 108, 360-364.	0.6	19
28	Solving satisfiability problems using a novel microarray-based DNA computer. BioSystems, 2007, 90, 242-252.	2.0	13
29	Dynamic programming algorithms for the mosaic longest common subsequence problem. Information Processing Letters, 2007, 102, 99-103.	0.6	22
30	1-Fair Alternator Designs for the de Bruijn Network. , 2006, , .		2
31	Tree edge decomposition with an application to minimum ultrametric tree approximation. Journal of Combinatorial Optimization, 2006, 12, 217-230.	1.3	1
32	A DNA solution of SAT problem by a modified sticker model. BioSystems, 2005, 81, 1-9.	2.0	21
33	Routing algorithms on the bus-based hypercube network. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 335-348.	5.6	5
34	Shortest path routing and fault-tolerant routing on de Bruijn networks. Networks, 2000, 35, 207-215.	2.7	20
35	Fault Tolerance on Star Graphs. International Journal of Foundations of Computer Science, 1997, 08, 127-142.	1.1	14
36	Broadcasting on uni-directional hypercubes. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	Fault-tolerant routing on the star graph with safety vectors. , 0, , .		5