

Chung-Shou Liao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

364
citations

840776

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888059

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docs citations

23
times ranked

372
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Identification of protein complexes by integrating multiple alignment of protein interaction networks. <i>Bioinformatics</i> , 2017, 33, 1681-1688. | 4.1 | 72 |
| 2 | The electric vehicle touring problem. <i>Transportation Research Part B: Methodological</i> , 2016, 86, 163-180. | 5.9 | 56 |
| 3 | ALGORITHMIC ASPECT OF k -TUPLE DOMINATION IN GRAPHS. <i>Taiwanese Journal of Mathematics</i> , 2002, 6, 415. | 0.4 | 44 |
| 4 | Similarity Searching for Defective Wafer Bin Maps in Semiconductor Manufacturing. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014, 11, 953-960. | 5.2 | 36 |
| 5 | Hybrid search for the optimal PMU placement problem on a power grid. <i>European Journal of Operational Research</i> , 2015, 243, 985-994. | 5.7 | 25 |
| 6 | A review of protein-protein interaction network alignment: From pathway comparison to global alignment. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2647-2656. | 4.1 | 17 |
| 7 | Enhanced Optimal PMU Placements With Limited Observability Propagations. <i>IEEE Access</i> , 2020, 8, 22515-22524. | 4.2 | 17 |
| 8 | Power domination with bounded time constraints. <i>Journal of Combinatorial Optimization</i> , 2016, 31, 725-742. | 1.3 | 15 |
| 9 | Capacitated Domination Problem. <i>Algorithmica</i> , 2011, 60, 274-300. | 1.3 | 14 |
| 10 | Power Domination in Circular-Arc Graphs. <i>Algorithmica</i> , 2013, 65, 443-466. | 1.3 | 14 |
| 11 | Generalized Canadian traveller problems. <i>Journal of Combinatorial Optimization</i> , 2015, 29, 701-712. | 1.3 | 11 |
| 12 | Probabilistic Optimal PMU Placements Under Limited Observability Propagations. <i>IEEE Systems Journal</i> , 2022, 16, 767-776. | 4.6 | 10 |
| 13 | New lower bounds for the three-dimensional orthogonal bin packing problem. <i>European Journal of Operational Research</i> , 2013, 225, 244-252. | 5.7 | 8 |
| 14 | LABELING POINTS ON A SINGLE LINE. <i>International Journal of Computational Geometry and Applications</i> , 2005, 15, 261-277. | 0.5 | 5 |
| 15 | Approximating the Canadian Traveller Problem with Online Randomization. <i>Algorithmica</i> , 2021, 83, 1524-1543. | 1.3 | 5 |
| 16 | A new morphology-based approach for similarity searching on wafer bin maps in semiconductor manufacturing. , 2012, , . | | 4 |
| 17 | Multi-objective power management on smart grid. , 2014, , . | | 4 |
| 18 | Optimal PMU placements under propagation depth constraints by mixed integer linear programming. , 2016, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | APPROXIMATING THE SPANNING k -TREE FOREST PROBLEM. International Journal of Foundations of Computer Science, 2012, 23, 1543-1554. | 1.1 | 1 |
| 20 | Distributed algorithm for PMU placement under n-1 line outage conditions. , 2015, , . | | 1 |
| 21 | A Fast and More Accurate Seed-and-Extension Density-based Clustering Algorithm. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1. | 5.7 | 1 |
| 22 | Applying power domination with hybrid search to optimal PMU placement problems. , 2013, , . | | 0 |
| 23 | Approximating Dynamic Weighted Vertex Cover with Soft Capacities. Algorithmica, 2022, 84, 124-149. | 1.3 | 0 |