# DoÄăn Aydin

List of Publications by Year
in descending order

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|---|---|---|---|
| 34 papers | 906 citations | 566801 15 h-index | 642321 23 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 902 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Detection of blood vessels in ophthalmoscope images using MF/ant (matched filter/ant colony) algorithm. Computer Methods and Programs in Biomedicine, 2009, 96, 85-95. | 2.6 | 178 |
| 2 | Artificial bee colony algorithm with dynamic population size to combined economic and emission dispatch problem. International Journal of Electrical Power and Energy Systems, 2014, 54, 144-153. | 3.3 | 142 |
| 3 | Incremental artificial bee colony with local search to economic dispatch problem with ramp rate limits and prohibited operating zones. Energy Conversion and Management, 2013, 65, 397-407. | 4.4 | 76 |
| 4 | An incremental particle swarm for large-scale continuous optimization problems: an example of tuning-in-the-loop (re)design of optimization algorithms. Soft Computing, 2011, 15, 2233-2255. | 2.1 | 66 |
| 5 | An interactive simulation and analysis software for solving TSP using Ant Colony Optimization algorithms. Advances in Engineering Software, 2009, 40, 341-349. | 1.8 | 61 |
| 6 | Solution to non-convex economic dispatch problem with valve point effects by incremental artificial bee colony with local search. Applied Soft Computing Journal, 2013, 13, 2456-2466. | 4.1 | 54 |
| 7 | An incremental ant colony algorithm with local search for continuous optimization. , 2011, , . | | 49 |
| 8 | Artificial bee colonies for continuous optimization: Experimental analysis and improvements. Swarm Intelligence, 2013, 7, 327-356. | 1.3 | 42 |
| 9 | ABC-X: a generalized, automatically configurable artificial bee colony framework. Swarm Intelligence, 2017, 11, 1-38. | 1.3 | 33 |
| 10 | Extraction of flower regions in color images using ant colony optimization. Procedia Computer Science, 2011, 3, 530-536. | 1.2 | 23 |
| 11 | Composite artificial bee colony algorithms: From component-based analysis to high-performing algorithms. Applied Soft Computing Journal, 2015, 32, 266-285. | 4.1 | 23 |
| 12 | Artificial Bee Colony Algorithm with Distant Savants for constrained optimization. Applied Soft Computing Journal, 2022, 116, 108343. | 4.1 | 23 |
| 13 | Two population-based optimization algorithms for minimum weight connected dominating set problem. Applied Soft Computing Journal, 2017, 59, 644-658. | 4.1 | 20 |
| 14 | Improved Self-adaptive Search Equation-based Artificial Bee Colony Algorithm with competitive local search strategy. Swarm and Evolutionary Computation, 2019, 51, 100582. | 4.5 | 20 |
| 15 | Improving Performance via Population Growth and Local Search: The Case of the Artificial Bee Colony Algorithm. Lecture Notes in Computer Science, 2012, , 85-96. | 1.0 | 17 |
| 16 | Angle Modulated Artificial Bee Colony Algorithms for Feature Selection. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-6. | 1.6 | 17 |
| 17 | A hybrid list-based task scheduling scheme for heterogeneous computing. Journal of Supercomputing, 2021, 77, 10252-10288. | 2.4 | 15 |
| 18 | A configurable generalized artificial bee colony algorithm with local search strategies. , 2015, , . | | 10 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | To Survive in a CBRN Hostile Environment. , 2020, , . | | 6 |
| 20 | An Efficient Ant-Based Edge Detector. Lecture Notes in Computer Science, 2010, , 39-55. | 1.0 | 5 |
| 21 | Self-adaptive search equation-based artificial bee colony algorithm on the CEC 2014 benchmark functions. , 2016, , . | | 5 |
| 22 | Artificial bee colony framework to non-convex economic dispatch problem with valve point effects. , 2017, , . | | 4 |
| 23 | Adaptive iir filter design using self-adaptive search equation based artificial beecolony algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 4797-4817. | 0.9 | 4 |
| 24 | AUTOMATIC FLOWER BOUNDARY EXTRACTION USING IPSOAntK-MEANS ALGORITHM. Cybernetics and Systems, 2010, 41, 416-434. | 1.6 | 2 |
| 25 | IIR filter design using incremental artificial bee colony with powell's CDS. , 2012, , . | | 2 |
| 26 | The application of artificial bee colony algorithm for the economic power dispatch with prohibited operating zone. , 2012, , . | | 2 |
| 27 | Self-adaptive search equation-based artificial bee colony algorithm with CMA-ES on the noiseless BBOB testbed. , 2017, , . | | 2 |
| 28 | A Self-adaptive Artificial Bee Colony Algorithm with Incremental Population Size for Large Scale Optimization. Advances in Intelligent Systems and Computing, 2017, , 111-123. | 0.5 | 2 |
| 29 | A Modified Ant-Based Approach to Edge Detection. Lecture Notes in Computer Science, 2009, , 620-628. | 1.0 | 1 |
| 30 | Computational Intelligence in Civil and Hydraulic Engineering. Mathematical Problems in Engineering, 2013, 2013, 1-2. | 0.6 | 1 |
| 31 | Self-Adaptive and Adaptive Parameter Control in Improved Artificial Bee Colony Algorithm. Informatica, 2017, 28, 415-438. | 1.5 | 1 |
| 32 | Multi-level image thresholding with global-best distance artificial bee colony algorithm. , 2018, , . | | 0 |
| 33 | BÜYÜK ÖLÇEKLİ SÜREKLİ OPTİMİZASYON PROBLEMLERİ İÇİN ELİT BİREY TABANLI YAPAY ARI KOLONİSİ ALG. EskiŞehir Osmangazi Üniversitesi Mühendislik Ve Mimarlık Fakültesi Dergisi, 2021, 29, 235-248. | 0.0 | 0 |
| 34 | Comparison of Artificial Bee Colony Algorithms on Engineering Problems. Applied Mathematics and Information Sciences, 2016, 10, 495-505. | 0.7 | 0 |