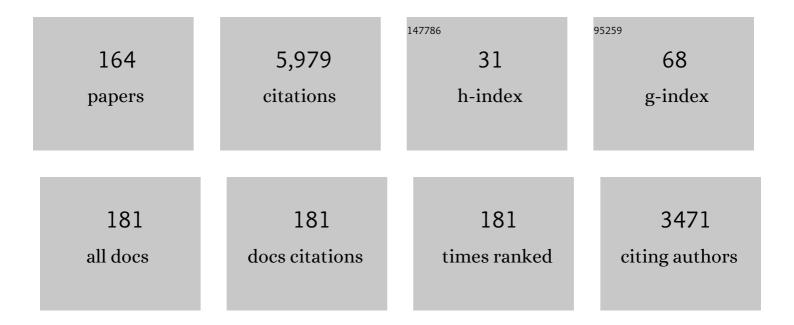
## Wolfgang Banzhaf

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5450058/publications.pdf Version: 2024-02-01



| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The use of computational intelligence in intrusion detection systems: A review. Applied Soft<br>Computing Journal, 2010, 10, 1-35.  | 7.2  | 540       |
| 2  | A comparison of linear genetic programming and neural networks in medical data mining. IEEE Transactions on Evolutionary Computation, 2001, 5, 17-26.                               | 10.0 | 378       |
| 3  | Artificial Chemistries—A Review. Artificial Life, 2001, 7, 225-275.   | 1.3  | 335       |
| 4  | NSGA-Net. , 2019, , .   |      | 260       |
| 5  | Cryptography with DNA binary strands. BioSystems, 2000, 57, 13-22.  | 2.0  | 211       |
| 6  | Open issues in genetic programming. Genetic Programming and Evolvable Machines, 2010, 11, 339-363.  | 2.2  | 178       |
| 7  | The "molecular―traveling salesman. Biological Cybernetics, 1990, 64, 7-14.  | 1.3  | 125       |
| 8  | From artificial evolution to computational evolution: a research agenda. Nature Reviews Genetics, 2006, 7, 729-735.   | 16.3 | 124       |
| 9  | Genotype-phenotype-mapping and neutral variation — A case study in Genetic Programming. Lecture<br>Notes in Computer Science, 1994, , 322-332.                                      | 1.3  | 96        |
| 10 | Evolving Teams of Predictors with Linear Genetic Programming. Genetic Programming and Evolvable<br>Machines, 2001, 2, 381-407.  | 2.2  | 94        |
| 11 | An On-Line Method to Evolve Behavior and to Control a Miniature Robot in Real Time with Genetic<br>Programming. Adaptive Behavior, 1997, 5, 107-140.                                | 1.9  | 93        |
| 12 | ARJA: Automated Repair of Java Programs via Multi-Objective Genetic Programming. IEEE Transactions<br>on Software Engineering, 2020, 46, 1040-1067.                                 | 5.6  | 93        |
| 13 | Multiobjective Evolutionary Design of Deep Convolutional Neural Networks for Image Classification.<br>IEEE Transactions on Evolutionary Computation, 2021, 25, 277-291.             | 10.0 | 87        |
| 14 | A SIMD Interpreter for Genetic Programming onÂGPUÂGraphicsÂCards. Lecture Notes in Computer<br>Science, 2008, , 73-85.  | 1.3  | 80        |
| 15 | A study of heuristic combinations for hyper-heuristic systems for the uncapacitated examination timetabling problem. European Journal of Operational Research, 2009, 197, 482-491.  | 5.7  | 78        |
| 16 | Network topology and the evolution of dynamics in an artificial genetic regulatory network model created by whole genome duplication and divergence. BioSystems, 2006, 85, 177-200. | 2.0  | 76        |
| 17 | Open-Ended Evolution: Perspectives from the OEE Workshop in York. Artificial Life, 2016, 22, 408-423.   | 1.3  | 73        |
| 18 | An informed genetic algorithm for the examination timetabling problem. Applied Soft Computing<br>Journal, 2010, 10, 457-467.  | 7.2  | 72        |

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Fast Genetic Programming on GPUs. , 2007, , 90-101.  |      | 71        |
| 20 | Neural Architecture Transfer. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2971-2989.   | 13.9 | 62        |
| 21 | Self-Evolution in a Constructive Binary String System. Artificial Life, 1998, 4, 203-220.  | 1.3  | 60        |
| 22 | Genetic programming. IEEE Intelligent Systems, 2000, 15, 74-84.  | 0.2  | 58        |
| 23 | Defining and simulating open-ended novelty: requirements, guidelines, and challenges. Theory in<br>Biosciences, 2016, 135, 131-161.                        | 1.4  | 54        |
| 24 | Evolution of a world model for a miniature robot using genetic programming. Robotics and Autonomous Systems, 1998, 25, 105-116.                            | 5.1  | 52        |
| 25 | Dynamic Subset Selection Based on a Fitness Case Topology. Evolutionary Computation, 2004, 12, 223-242.  | 3.0  | 49        |
| 26 | Developments in Cartesian Genetic Programming: self-modifying CGP. Genetic Programming and<br>Evolvable Machines, 2010, 11, 397-439.                       | 2.2  | 44        |
| 27 | Microarray-Based in vitro Evaluation of DNA Oligomer Libraries Designed in silico. ChemPhysChem, 2004, 5, 367-372.   | 2.1  | 43        |
| 28 | Emergent computation by catalytic reactions. Nanotechnology, 1996, 7, 307-314.   | 2.6  | 40        |
| 29 | Fast Genetic Programming and Artificial Developmental Systems on GPUs. , 2007, , .   |      | 39        |
| 30 | Self-modifying cartesian genetic programming. , 2007, , .  |      | 38        |
| 31 | Drone Squadron Optimization: a novel self-adaptive algorithm for global numerical optimization.<br>Neural Computing and Applications, 2018, 30, 3117-3144. | 5.6  | 38        |
| 32 | Evolving Control Metabolisms for a Robot. Artificial Life, 2001, 7, 171-190.   | 1.3  | 35        |
| 33 | Linear-Graph GP - A New GP Structure. Lecture Notes in Computer Science, 2002, , 83-92.  | 1.3  | 34        |
| 34 | Evolving Genes to Balance a Pole. Lecture Notes in Computer Science, 2010, , 196-207.  | 1.3  | 34        |
| 35 | Explicit Control of Diversity and Effective Variation Distance in Linear Genetic Programming. Lecture Notes in Computer Science, 2002, , 37-49.            | 1.3  | 33        |
| 36 | Self Modifying Cartesian Genetic Programming: Fibonacci, Squares, Regression and Summing. Lecture<br>Notes in Computer Science, 2009, , 133-144.           | 1.3  | 31        |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Evolutionary dynamics on multiple scales: a quantitative analysis of the interplay between genotype, phenotype, and fitness in linear genetic programming. Genetic Programming and Evolvable Machines, 2012, 13, 305-337. | 2.2  | 30        |
| 38 | Software Tools for DNA Sequence Design. Genetic Programming and Evolvable Machines, 2003, 4, 153-171.   | 2.2  | 29        |
| 39 | Risk Factors for Cervical Precancer and Cancer in HIV-Infected, HPV-Positive Rwandan Women. PLoS<br>ONE, 2010, 5, e13525.   | 2.5  | 28        |
| 40 | The Challenge of Complexity. Genetic Algorithms and Evolutionary Computation, 2004, , 243-260.  | 0.3  | 27        |
| 41 | Artificial Gene Regulatory Networks—A Review. Artificial Life, 2019, 24, 296-328.   | 1.3  | 27        |
| 42 | Self-replicating sequences of binary numbers. Foundations I: General. Biological Cybernetics, 1993, 69, 269-274.  | 1.3  | 26        |
| 43 | Evolvability and Speed of Evolutionary Algorithms in Light of Recent Developments in Biology. Journal of Artificial Evolution and Applications, 2010, 2010, 1-28.   | 1.8  | 26        |
| 44 | Learning to move a robot with random morphology. Lecture Notes in Computer Science, 1998, , 165-178.  | 1.3  | 26        |
| 45 | The effect of extensive use of the mutation operator on generalization in genetic programming using sparse data sets. Lecture Notes in Computer Science, 1996, , 300-309.   | 1.3  | 25        |
| 46 | On the Dynamics of an Artificial Regulatory Network. Lecture Notes in Computer Science, 2003, , 217-227.  | 1.3  | 25        |
| 47 | Automatic feature engineering for regression models with machine learning: An evolutionary computation and statistics hybrid. Information Sciences, 2018, 430-431, 287-313.   | 6.9  | 25        |
| 48 | Linear-Tree GP and Its Comparison with Other GP Structures. Lecture Notes in Computer Science, 2001, , 302-312.   | 1.3  | 24        |
| 49 | Evolving novel image features using Genetic Programming-based image transforms. , 2009, , .   |      | 23        |
| 50 | Variable population size and evolution acceleration: a case study with a parallel evolutionary algorithm. Genetic Programming and Evolvable Machines, 2010, 11, 205-225.  | 2.2  | 23        |
| 51 | Expensive Multiobjective Evolutionary Optimization Assisted by Dominance Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 159-173.  | 10.0 | 23        |
| 52 | Discovery of email communication networks from the Enron corpus with a genetic algorithm using social network analysis. , 2009, , .   |      | 22        |
| 53 | Evolution on Neutral Networks in Genetic Programming. , 2006, , 207-221.  |      | 22        |
| 54 | Learning in a competitive network. Neural Networks, 1990, 3, 423-435.   | 5.9  | 21        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Genetic Programming and Emergence. Genetic Programming and Evolvable Machines, 2014, 15, 63-73.   | 2.2 | 20        |
| 56 | Spontaneous Group Formation in the Seceder Model. Physical Review Letters, 2000, 84, 3205-3208.   | 7.8 | 19        |
| 57 | A Comparison of Cartesian Genetic Programming and Linear Genetic Programming. Lecture Notes in<br>Computer Science, 2008, , 182-193.              | 1.3 | 19        |
| 58 | Linear Genetic Programming GPGPU on Microsoft's Xbox 360. , 2008, , .   |     | 19        |
| 59 | Self modifying Cartesian Genetic Programming: Parity. , 2009, , .   |     | 19        |
| 60 | Accelerating Genetic Programming through Graphics Processing Units Genetic and Evolutionary Computation, 2009, , 1-19.                            | 1.0 | 19        |
| 61 | An Intelligent Model for the Prediction of Bond Strength of FRP Bars in Concrete: A Soft Computing Approach. Technologies, 2019, 7, 42.           | 5.1 | 18        |
| 62 | Evolving Noisy Oscillatory Dynamics in Genetic Regulatory Networks. Lecture Notes in Computer Science, 2006, , 290-299.                           | 1.3 | 18        |
| 63 | Self-organization in a system of binary strings with spatial interactions. Physica D: Nonlinear<br>Phenomena, 1999, 125, 85-104.                  | 2.8 | 17        |
| 64 | Evolving Dynamics in an Artificial Regulatory Network Model. Lecture Notes in Computer Science, 2004, , 571-580.                                  | 1.3 | 17        |
| 65 | Genetic Programming of an Algorithmic Chemistry. , 2005, , 175-190.   |     | 17        |
| 66 | Robustness, Evolvability, and Accessibility in Linear Genetic Programming. Lecture Notes in Computer<br>Science, 2011, , 13-24.                   | 1.3 | 17        |
| 67 | Cache consensus: rapid object sorting by a robotic swarm. Swarm Intelligence, 2014, 8, 61-87.   | 2.2 | 17        |
| 68 | Adaption of Operator Probabilities in Genetic Programming. Lecture Notes in Computer Science, 2001, ,<br>325-336.                                 | 1.3 | 17        |
| 69 | Meta-Evolution in Graph GP. Lecture Notes in Computer Science, 1999, , 15-28.   | 1.3 | 17        |
| 70 | Quantum and classical parallelism in parity algorithms for ensemble quantum computers. Physical<br>Review A, 2005, 71, .                          | 2.5 | 16        |
| 71 | A Genetic Programming Approach to the Generation of Hyper-Heuristics for the Uncapacitated<br>Examination Timetabling Problem. , 2007, , 223-234. |     | 16        |
| 72 | The Effects of Recombination on Phenotypic Exploration and Robustness in Evolution. Artificial Life, 2014, 20, 457-470.                           | 1.3 | 16        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Reducing the Number of Fitness Evaluations in Graph Genetic Programming Using a Canonical Graph<br>Indexed Database. Evolutionary Computation, 2007, 15, 199-221.  | 3.0 | 15        |
| 74 | Self-replicating sequences of binary numbers. Computers and Mathematics With Applications, 1993, 26, 1-8.  | 2.7 | 14        |
| 75 | Speech sound discrimination with genetic programming. Lecture Notes in Computer Science, 1998, ,<br>113-129.   | 1.3 | 14        |
| 76 | Why complex systems engineering needs biological development. Complexity, 2007, 13, 12-21.   | 1.6 | 14        |
| 77 | Self modifying cartesian genetic programming. , 2010, , .  |     | 14        |
| 78 | More on Computational Effort Statistics for Genetic Programming. Lecture Notes in Computer Science, 2003, , 164-172.   | 1.3 | 14        |
| 79 | A network perspective on genotype–phenotype mapping in genetic programming. Genetic Programming and Evolvable Machines, 2020, 21, 375-397.                         | 2.2 | 14        |
| 80 | Self-Modifying Cartesian Genetic Programming. Natural Computing Series, 2011, , 101-124.   | 2.2 | 13        |
| 81 | Deployment of CPU and GPU-based genetic programming on heterogeneous devices. , 2009, , .  |     | 12        |
| 82 | Neutrality and variability. , 2009, , .  |     | 12        |
| 83 | Decreasing the Number of Evaluations in Evolutionary Algorithms by Using a Meta-model of the Fitness Function. Lecture Notes in Computer Science, 2003, , 264-275. | 1.3 | 12        |
| 84 | A Developmental Approach to the Uncapacitated Examination Timetabling Problem. Lecture Notes in<br>Computer Science, 2008, , 276-285.                              | 1.3 | 12        |
| 85 | The Role of Population Size in Rate of Evolution in Genetic Programming. Lecture Notes in Computer Science, 2009, , 85-96.   | 1.3 | 12        |
| 86 | A new learning algorithm for synergetic computers. Biological Cybernetics, 1989, 62, 107-111.  | 1.3 | 11        |
| 87 | Evolving Hogg's Quantum Algorithm Using Linear-Tree GP. Lecture Notes in Computer Science, 2003, ,<br>390-400.   | 1.3 | 11        |
| 88 | Neutrality, Robustness, and Evolvability in Genetic Programming. Genetic and Evolutionary<br>Computation, 2018, , 101-117.   | 1.0 | 11        |
| 89 | Interactive evolution. , 0, , .  |     | 11        |
| 90 | Robust competitive networks. Physical Review A, 1992, 45, 4132-4145.   | 2.5 | 10        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Artificial Chemistries – Towards Constructive Dynamical Systems. Solid State Phenomena, 2004, 97-98,<br>43-50.   | 0.3 | 10        |
| 92  | WiMAX Network Planning Using Adaptive-Population-Size Genetic Algorithm. Lecture Notes in Computer Science, 2010, , 31-40.   | 1.3 | 10        |
| 93  | A Survey of Self Modifying Cartesian Genetic Programming. Genetic and Evolutionary Computation, 2011, , 91-107.  | 1.0 | 10        |
| 94  | Evolving blackbox quantum algorithms using genetic programming. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2008, 22, 285-297.   | 1.1 | 9         |
| 95  | Evolution, development and learning using self-modifying cartesian genetic programming. , 2009, , .  |     | 9         |
| 96  | Implementing cartesian genetic programming classifiers on graphics processing units using GPU.NET. , 2011, , .   |     | 9         |
| 97  | Predicting High-Performance Concrete Compressive Strength Using Features Constructed by Kaizen<br>Programming. , 2015, , .   |     | 9         |
| 98  | Evolving Adaptive Traffic Signal Controllers for a Real Scenario Using Genetic Programming with an Epigenetic Mechanism. , 2017, , .                                     |     | 9         |
| 99  | Batch tournament selection for genetic programming. , 2019, , .  |     | 9         |
| 100 | Robustness and Evolvability of Recombination in Linear Genetic Programming. Lecture Notes in Computer Science, 2013, , 97-108.   | 1.3 | 9         |
| 101 | Self-replicating sequences of binary numbers. Foundations II: Strings of length N=4. Biological Cybernetics, 1993, 69, 275-281.  | 1.3 | 8         |
| 102 | Evolutionary Computation and Genetic Programming. , 2013, , 429-447.   |     | 8         |
| 103 | Emergent Tangled Program Graphs in Partially Observable Recursive Forecasting and ViZDoom<br>Navigation Tasks. ACM Transactions on Evolutionary Learning, 2021, 1, 1-41. | 3.5 | 8         |
| 104 | Self-organizing algorithms derived from RNA interactions. Lecture Notes in Computer Science, 1995, ,<br>69-102.  | 1.3 | 8         |
| 105 | Interactive evolution for simulated natural evolution. Lecture Notes in Computer Science, 1996, , 259-272.   | 1.3 | 8         |
| 106 | Deployment of parallel linear genetic programming using GPUs on PC and video game console platforms. Genetic Programming and Evolvable Machines, 2010, 11, 147-184.      | 2.2 | 7         |
| 107 | On a simple stochastic neuron — Like unit. Biological Cybernetics, 1988, 60, 153-160.  | 1.3 | 6         |
| 108 | The time-into-intensity-mapping network. Biological Cybernetics, 1991, 66, 115-121.  | 1.3 | 6         |

Wolfgang Banzhaf

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | Fast and effective predictability filters for stock price series using linear genetic programming. , 2010, , .   |     | 6         |
| 110 | Comparison of Selection Strategies for Evolutionary Quantum Circuit Design. Lecture Notes in Computer Science, 2004, , 557-568.  | 1.3 | 6         |
| 111 | An Algorithmic Chemistry for Genetic Programming. Lecture Notes in Computer Science, 2005, , 1-12.   | 1.3 | 6         |
| 112 | Interactive evolution. , 0, , .  |     | 6         |
| 113 | Evolving hierarchical memory-prediction machines in multi-task reinforcement learning. Genetic<br>Programming and Evolvable Machines, 2021, 22, 573-605.   | 2.2 | 6         |
| 114 | An energy function for specialization. Physica D: Nonlinear Phenomena, 1990, 42, 257-264.  | 2.8 | 5         |
| 115 | Augmenting artificial development with local fitness. , 2009, , .  |     | 5         |
| 116 | Recovery properties of distributed cluster head election using reaction–diffusion. Swarm<br>Intelligence, 2011, 5, 225-255.  | 2.2 | 5         |
| 117 | Artificial Life. , 2012, , 1805-1834.  |     | 5         |
| 118 | Self-Organizing Systems. , 2003, , 589-598.  |     | 4         |
| 119 | Total synthesis of algorithmic chemistries. , 2005, , .  |     | 4         |
| 120 | ANALYSIS OF PREFERENTIAL NETWORK MOTIF GENERATION IN AN ARTIFICIAL REGULATORY NETWORK MODEL CREATED BY DUPLICATION AND DIVERGENCE. International Journal of Modeling, Simulation, and Scientific Computing, 2007, 10, 155-172. | 1.4 | 4         |
| 121 | An eigen analysis of the GP community. Genetic Programming and Evolvable Machines, 2008, 9, 171-182.   | 2.2 | 4         |
| 122 | Interday foreign exchange trading using linear genetic programming. , 2010, , .  |     | 4         |
| 123 | Hardware Acceleration for CGP: Graphics Processing Units. Natural Computing Series, 2011, , 231-253.   | 2.2 | 4         |
| 124 | A hybrid genetic programming decision making system for RoboCup soccer simulation. , 2017, , .   |     | 4         |
| 125 | Towards a Metabolic Robot Control System. , 1998, , 305-317.   |     | 4         |
| 126 | Kaizen Programming for Feature Construction for Classification. Genetic and Evolutionary Computation, 2016, , 39-57.   | 1.0 | 4         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Mechanisms for Complex Systems Engineering Through Artificial Development. Understanding<br>Complex Systems, 2012, , 331-351.   | 0.6 | 4         |
| 128 | Genetic Programming and Its Application in Machining Technology. Natural Computing Series, 2003, ,<br>194-241.  | 2.2 | 4         |
| 129 | Stability of Metabolic and Balanced Organisations. Lecture Notes in Computer Science, 2001, , 196-205.  | 1.3 | 4         |
| 130 | Long-Term Evolution Experiment with Genetic Programming. Artificial Life, 0, , 173-204.   | 1.3 | 4         |
| 131 | A network of multistate units capable of associative memory and pattern classification. Physica D:<br>Nonlinear Phenomena, 1989, 34, 418-426.   | 2.8 | 3         |
| 132 | A new dynamical approach to the travelling salesman problem. Physics Letters, Section A: General,<br>Atomic and Solid State Physics, 1989, 136, 45-51.  | 2.1 | 3         |
| 133 | Stock trading using linear genetic programming with multiple time frames. , 2011, , .   |     | 3         |
| 134 | The unconstrained automated generation of cell image features for medical diagnosis. , 2012, , .  |     | 3         |
| 135 | Artificial Intelligence: Genetic Programming. , 2015, , 41-45.  |     | 3         |
| 136 | Quantitative Analysis of Evolvability using Vertex Centralities in Phenotype Network. , 2016, , .   |     | 3         |
| 137 | The effects of taxes on wealth inequality in Artificial Chemistry models of economic activity. PLoS ONE, 2021, 16, e0255719.  | 2.5 | 3         |
| 138 | Interday and Intraday Stock Trading Using Probabilistic Adaptive Mapping Developmental Genetic<br>Programming and Linear Genetic Programming. Studies in Computational Intelligence, 2010, , 191-212. | 0.9 | 3         |
| 139 | Population processing $\hat{a} \in \tilde{~}$ a powerful class of parallel algorithms. BioSystems, 1989, 22, 163-172.   | 2.0 | 2         |
| 140 | How to Program Artificial Chemistries. Lecture Notes in Computer Science, 2003, , 20-30.  | 1.3 | 2         |
| 141 | Detecting anomalies in spatiotemporal data using genetic algorithms with fuzzy community membership. , 2010, , .  |     | 2         |
| 142 | Evolving Reaction-Diffusion Systems on GPU. Lecture Notes in Computer Science, 2011, , 208-223.   | 1.3 | 2         |
| 143 | Automated design for playability in computer game agents. , 2014, , .   |     | 2         |
| 144 | Human recognition through walking styles by multiwavelet transform. , 2016, , .   |     | 2         |

Wolfgang Banzhaf

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Complex Network Analysis of a Genetic Programming Phenotype Network. Lecture Notes in Computer Science, 2019, , 49-63.   | 1.3 | 2         |
| 146 | Population Exploration on Genotype Networks in Genetic Programming. Lecture Notes in Computer Science, 2014, , 424-433.  | 1.3 | 2         |
| 147 | Measuring rate of evolution in genetic programming using amino acid to synonymous substitution ratioka/ks. , 2008, , .   |     | 1         |
| 148 | An evolutionary approach to planning IEEE 802.16 networks. , 2009, , .   |     | 1         |
| 149 | Soft memory for stock market analysis using linear and developmental genetic programming. , 2009, , .  |     | 1         |
| 150 | Large network analysis for fisheries management using coevolutionary genetic algorithms. , 2011, , .   |     | 1         |
| 151 | Using sector information with linear genetic programming for intraday equity price trend analysis. , 2012, , .   |     | 1         |
| 152 | Introduction to Gene Regulatory Networks. , 2015, , .  |     | 1         |
| 153 | Survival of the Unfittest? - The Seceder Model and its Fitness Landscape. Lecture Notes in Computer Science, 2001, , 100-109.  | 1.3 | 1         |
| 154 | Algorithmic Trading with Developmental and Linear Genetic Programming. Genetic and Evolutionary Computation, 2010, , 119-134.  | 1.0 | 1         |
| 155 | THE USE OF EVOLUTIONARY COMPUTATION IN KNOWLEDGE DISCOVERY: THE EXAMPLE OF INTRUSION DETECTION SYSTEMS. Advances in Computer Science and Engineering, 2010, , 27-59. | 0.2 | 1         |
| 156 | Some Remarks on Code Evolution with Genetic Programming. Emergence, Complexity and Computation, 2018, , 145-156.   | 0.3 | 1         |
| 157 | From Dynamics to Novelty: An Agent-Based Model of the Economic System. Artificial Life, 2022, , 1-38.  | 1.3 | 1         |
| 158 | Achieving desirable gameplay objectives by niched evolution of game parameters. , 2012, , .  |     | 0         |
| 159 | Parallel exhaustive search vs. evolutionary computation in a large real world network search space. , 2012, , .  |     | 0         |
| 160 | Machiavellian agents: Player modelling to deceive and be deceived. , 2015, , .   |     | 0         |
| 161 | Introduction to gene regulatory networks. , 2017, , .  |     | Ο         |
| 162 | Artificial Chemistries on GPU. Natural Computing Series, 2013, , 389-419.  | 2.2 | 0         |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Prediction of normalized signal strength on DNA sequencing micro arrays by n-grams within a neural network model. Bioinformation, 2019, 15, 388-393. | 0.5 | 0         |
| 164 | An Evolutionary System for Better Automatic Software Repair. Genetic and Evolutionary Computation, 2020, , 383-406.                                  | 1.0 | 0         |