Xiangxiang Zeng

List of Publications by Year in descending order

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44069 54911 7,900 152 48 84 citations h-index g-index papers 155 155 155 4288 docs citations times ranked citing authors all docs

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Multi-Population Multi-Objective Evolutionary Algorithm Based on the Contribution of Decision Variables to Objectives for Large-Scale Multi/Many-Objective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 6998-7007. | 9.5 | 9 |
| 2 | Deep learning in retrosynthesis planning: datasets, models and tools. Briefings in Bioinformatics, 2022, 23, . | 6.5 | 45 |
| 3 | Monodirectional Evolutional Symport Tissue P Systems With Promoters and Cell Division. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 332-342. | 5.6 | 20 |
| 4 | Are dropout imputation methods for scRNA-seq effective for scATAC-seq data?. Briefings in Bioinformatics, 2022, 23, . | 6.5 | 5 |
| 5 | preMLI: a pre-trained method to uncover microRNA–lncRNA potential interactions. Briefings in Bioinformatics, 2022, 23, . | 6.5 | 14 |
| 6 | Toward better drug discovery with knowledge graph. Current Opinion in Structural Biology, 2022, 72, 114-126. | 5.7 | 108 |
| 7 | Learning spatial structures of proteins improves protein–protein interaction prediction. Briefings in Bioinformatics, 2022, 23, . | 6.5 | 51 |
| 8 | Deep learning for drug repurposing: Methods, databases, and applications. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2022, 12, . | 14.6 | 48 |
| 9 | Editorial: Artificial Intelligence in Bioinformatics and Drug Repurposing: Methods and Applications. Frontiers in Genetics, 2022, 13, 870795. | 2.3 | 4 |
| 10 | Rule synchronization for monodirectional tissue-like P systems with channel states. Information and Computation, 2022, 285, 104895. | 0.7 | 4 |
| 11 | Normal forms for spiking neural P systems and some of its variants. Information Sciences, 2022, 595, 344-363. | 6.9 | 9 |
| 12 | scIMC: a platform for benchmarking comparison and visualization analysis of scRNA-seq data imputation methods. Nucleic Acids Research, 2022, 50, 4877-4899. | 14.5 | 12 |
| 13 | KG-MTL: Knowledge Graph Enhanced Multi-Task Learning for Molecular Interaction. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-12. | 5.7 | 4 |
| 14 | Predicting enhancer-promoter interactions by deep learning and matching heuristic. Briefings in Bioinformatics, 2021, 22, . | 6.5 | 32 |
| 15 | Minirmd: accurate and fast duplicate removal tool for short reads via multiple minimizers. Bioinformatics, 2021, 37, 1604-1606. | 4.1 | 14 |
| 16 | A Polar-Metric-Based Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 3429-3440. | 9.5 | 21 |
| 17 | Application of deep learning methods in biological networks. Briefings in Bioinformatics, 2021, 22, 1902-1917. | 6.5 | 111 |
| 18 | Mobility Based Trust Evaluation for Heterogeneous Electric Vehicles Network in Smart Cities. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1797-1806. | 8.0 | 77 |

| # | Article | IF | Citations |
|----|--|------|-----------|
| 19 | Monodirectional Tissue <i>P</i> Systems With Promoters. IEEE Transactions on Cybernetics, 2021, 51, 438-450. | 9.5 | 53 |
| 20 | Monodirectional tissue P systems with channel states. Information Sciences, 2021, 546, 206-219. | 6.9 | 31 |
| 21 | iEnhancer-XG: interpretable sequence-based enhancers and their strength predictor. Bioinformatics, 2021, 37, 1060-1067. | 4.1 | 61 |
| 22 | Homogeneous spiking neural P systems with structural plasticity. Journal of Membrane Computing, 2021, 3, 10-21. | 1.8 | 28 |
| 23 | MUFFIN: multi-scale feature fusion for drug–drug interaction prediction. Bioinformatics, 2021, 37, 2651-2658. | 4.1 | 91 |
| 24 | A drug information embedding method based on graph convolution neural network., 2021,,. | | 0 |
| 25 | CarSite-II: an integrated classification algorithm for identifying carbonylated sites based on K-means similarity-based undersampling and synthetic minority oversampling techniques. BMC Bioinformatics, 2021, 22, 216. | 2.6 | 4 |
| 26 | A spatial-temporal gated attention module for molecular property prediction based on molecular geometry. Briefings in Bioinformatics, 2021, 22, . | 6.5 | 15 |
| 27 | ADMETIab 2.0: an integrated online platform for accurate and comprehensive predictions of ADMET properties. Nucleic Acids Research, 2021, 49, W5-W14. | 14.5 | 915 |
| 28 | Neural-like P systems with plasmids. Information and Computation, 2021, 281, 104766. | 0.7 | 12 |
| 29 | The computational power of monodirectional tissue P systems with symport rules. Information and Computation, 2021, 281, 104751. | 0.7 | 8 |
| 30 | Artificialâ€Intelligenceâ€Enabled Reagentâ€Free Imaging Hematology Analyzer. Advanced Intelligent Systems, 2021, 3, 2000277. | 6.1 | 11 |
| 31 | Deep learning methods for biomedical named entity recognition: a survey and qualitative comparison. Briefings in Bioinformatics, 2021, 22, . | 6.5 | 52 |
| 32 | HeTDR: Drug repositioning based on heterogeneous networks and text mining. Patterns, 2021, 2, 100307. | 5.9 | 12 |
| 33 | Review of unsupervised pretraining strategies for molecules representation. Briefings in Functional Genomics, 2021, 20, 323-332. | 2.7 | 20 |
| 34 | Artificialâ€Intelligenceâ€Enabled Reagentâ€Free Imaging Hematology Analyzer. Advanced Intelligent Systems, 2021, 3, 2170060. | 6.1 | 2 |
| 35 | Active Semisupervised Model for Improving the Identification of Anticancer Peptides. ACS Omega, 2021, 6, 23998-24008. | 3.5 | 4 |
| 36 | $\mbox{\sc i}\mbox{\sc be}$ generation of dual-target ligands using adversarial training and reinforcement learning. Briefings in Bioinformatics, 2021, 22, . | 6.5 | 7 |

| # | Article | lF | Citations |
|----|--|-----|-----------|
| 37 | Solving a PSPACE-complete problem by symport/antiport P systems with promoters and membrane division. Journal of Membrane Computing, 2021, 3, 296-302. | 1.8 | 6 |
| 38 | Pm ⁶ A: an Integrated Classification Algorithm for 2021 IEEE International Conference on Bioinformatics and Biomedicine (BIBM) Identifying m ⁶ A Sites., 2021,,. | | 0 |
| 39 | LADstackING: Stacking Ensemble Learning-based Computational Model for Predicting Potential LncRNA-disease Associations., 2021,,. | | 1 |
| 40 | Identifying enhancer–promoter interactions with neural network based on pre-trained DNA vectors and attention mechanism. Bioinformatics, 2020, 36, 1037-1043. | 4.1 | 127 |
| 41 | A Network Reduction-Based Multiobjective Evolutionary Algorithm for Community Detection in Large-Scale Complex Networks. IEEE Transactions on Cybernetics, 2020, 50, 703-716. | 9.5 | 83 |
| 42 | Computational methods for identifying the critical nodes in biological networks. Briefings in Bioinformatics, 2020, 21, 486-497. | 6.5 | 69 |
| 43 | On the Computational Power of Asynchronous Axon Membrane Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 696-704. | 4.9 | 7 |
| 44 | A Consensus Community-Based Particle Swarm Optimization for Dynamic Community Detection. IEEE Transactions on Cybernetics, 2020, 50, 2502-2513. | 9.5 | 115 |
| 45 | Predicting disease-associated circular RNAs using deep forests combined with positive-unlabeled learning methods. Briefings in Bioinformatics, 2020, 21, 1425-1436. | 6.5 | 96 |
| 46 | Investigating Maize Yield-Related Genes in Multiple Omics Interaction Network Data. IEEE Transactions on Nanobioscience, 2020, 19, 142-151. | 3.3 | 3 |
| 47 | A novel molecular representation with BiGRU neural networks for learning atom. Briefings in Bioinformatics, 2020, 21, 2099-2111. | 6.5 | 69 |
| 48 | Repurpose Open Data to Discover Therapeutics for COVID-19 Using Deep Learning. Journal of Proteome Research, 2020, 19, 4624-4636. | 3.7 | 183 |
| 49 | The computational power of cell-like P systems with one protein on membrane. Journal of Membrane Computing, 2020, 2, 332-340. | 1.8 | 14 |
| 50 | StackCPPred: a stacking and pairwise energy content-based prediction of cell-penetrating peptides and their uptake efficiency. Bioinformatics, 2020, 36, 3028-3034. | 4.1 | 111 |
| 51 | Multiobjective Particle Swarm Optimization Based on Network Embedding for Complex Network Community Detection. IEEE Transactions on Computational Social Systems, 2020, 7, 437-449. | 4.4 | 28 |
| 52 | Target identification among known drugs by deep learning from heterogeneous networks. Chemical Science, 2020, 11, 1775-1797. | 7.4 | 193 |
| 53 | Network-based prediction of drug–target interactions using an arbitrary-order proximity embedded deep forest. Bioinformatics, 2020, 36, 2805-2812. | 4.1 | 101 |
| 54 | A multi-task learning method for analyzing microbiota as cancer immunotherapy signal. , 2020, , . | | O |

| # | Article | IF | Citations |
|----|--|-----|-----------|
| 55 | An Evolutionary Algorithm Based on Minkowski Distance for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2019, 49, 3968-3979. | 9.5 | 85 |
| 56 | Meta-Path Methods for Prioritizing Candidate Disease miRNAs. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 283-291. | 3.0 | 126 |
| 57 | Matrix representation and simulation algorithm of spiking neural P systems with structural plasticity. Journal of Membrane Computing, 2019, 1, 145-160. | 1.8 | 21 |
| 58 | On solutions and representations of spiking neural P systems with rules on synapses. Information Sciences, 2019, 501, 30-49. | 6.9 | 31 |
| 59 | Investigation and development of maize fused network analysis with multi-omics. Plant Physiology and Biochemistry, 2019, 141, 380-387. | 5.8 | 14 |
| 60 | deepDR: a network-based deep learning approach to <i>in silico</i> drug repositioning. Bioinformatics, 2019, 35, 5191-5198. | 4.1 | 343 |
| 61 | Prediction of Potential Disease-Associated MicroRNAs by Using Neural Networks. Molecular Therapy - Nucleic Acids, 2019, 16, 566-575. | 5.1 | 70 |
| 62 | Learning to Predict Drug Target Interaction From Missing Not at Random Labels. IEEE Transactions on Nanobioscience, 2019, 18, 353-359. | 3.3 | 5 |
| 63 | Details in the evaluation of circular RNA detection tools: Reply to Chen and Chuang. PLoS Computational Biology, 2019, 15, e1006916. | 3.2 | 8 |
| 64 | Deep collaborative filtering for prediction of disease genes. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1. | 3.0 | 25 |
| 65 | A component overlapping attribute clustering (COAC) algorithm for single-cell RNA sequencing data analysis and potential pathobiological implications. PLoS Computational Biology, 2019, 15, e1006772. | 3.2 | 14 |
| 66 | GraphCPI: Graph Neural Representation Learning for Compound-Protein Interaction. , 2019, , . | | 20 |
| 67 | A Deep Neural Network for Antimicrobial Peptide Recognition. , 2019, , . | | 1 |
| 68 | A network-based approach to uncover microRNA-mediated disease comorbidities and potential pathobiological implications. Npj Systems Biology and Applications, 2019, 5, 41. | 3.0 | 24 |
| 69 | MOEA/HD: A Multiobjective Evolutionary Algorithm Based on Hierarchical Decomposition. IEEE Transactions on Cybernetics, 2019, 49, 517-526. | 9.5 | 109 |
| 70 | Integrative Approaches for Predicting microRNA Function and Prioritizing Disease-Related microRNA Using Biological Interaction Networks., 2019,, 75-105. | | 3 |
| 71 | Prediction of potential disease-associated microRNAs using structural perturbation method. Bioinformatics, 2018, 34, 2425-2432. | 4.1 | 229 |
| 72 | Spiking Neural P Systems With Colored Spikes. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 1106-1115. | 3.8 | 116 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Drug Target Interaction Prediction with Non-random Missing Labels. , 2018, , . | | 1 |
| 74 | LncRNA-disease association prediction based on neighborhood information aggregation in neural network. , 2018, , . | | 3 |
| 75 | Identification and Analysis of Rice Yield-Related Candidate Genes by Walking on the Functional Network. Frontiers in Plant Science, 2018, 9, 1685. | 3.6 | 4 |
| 76 | A Parallel Workflow Pattern Modeling Using Spiking Neural P Systems With Colored Spikes. IEEE Transactions on Nanobioscience, 2018, 17, 474-484. | 3.3 | 54 |
| 77 | On String Languages Generated by Spiking Neural P Systems With Structural Plasticity. IEEE Transactions on Nanobioscience, 2018, 17, 560-566. | 3.3 | 22 |
| 78 | Sc-ncDNAPred: A Sequence-Based Predictor for Identifying Non-coding DNA in Saccharomyces cerevisiae. Frontiers in Microbiology, 2018, 9, 2174. | 3.5 | 19 |
| 79 | Sequence clustering in bioinformatics: an empirical study. Briefings in Bioinformatics, 2018, , . | 6.5 | 104 |
| 80 | Prediction of Drug–Gene Interaction by Using Metapath2vec. Frontiers in Genetics, 2018, 9, 248. | 2.3 | 29 |
| 81 | RicyerDB: A Database For Collecting Rice Yield-related Genes with Biological Analysis. International Journal of Biological Sciences, 2018, 14, 965-970. | 6.4 | 20 |
| 82 | Using MOEA with Redistribution and Consensus Branches to Infer Phylogenies. International Journal of Molecular Sciences, 2018, 19, 62. | 4.1 | 5 |
| 83 | Structural Hole Spanner in HumanNet Identifies Disease Gene and Drug targets. IEEE Access, 2018, 6, 35392-35401. | 4.2 | 3 |
| 84 | An Implementation of Elementary Arithmetic with Virus Machine. Lecture Notes in Computer Science, 2018, , 304-317. | 1.3 | 0 |
| 85 | Small Spiking Neural P Systems with Structural Plasticity. Lecture Notes in Computer Science, 2018, , 45-56. | 1.3 | 0 |
| 86 | Prediction and Validation of Disease Genes Using HeteSim Scores. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 687-695. | 3.0 | 199 |
| 87 | Inferring MicroRNA-Disease Associations by Random Walk on a Heterogeneous Network with Multiple Data Sources. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 905-915. | 3.0 | 265 |
| 88 | Reconstructing evolutionary trees in parallel for massive sequences. BMC Systems Biology, 2017, 11, 100. | 3.0 | 15 |
| 89 | Spiking Neural P Systems With Scheduled Synapses. IEEE Transactions on Nanobioscience, 2017, 16, 792-801. | 3.3 | 82 |
| 90 | Predict the Relationship between Gene and Large Yellow Croaker's Economic Traits. Molecules, 2017, 22, 1978. | 3.8 | 5 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 91 | A comprehensive overview and evaluation of circular RNA detection tools. PLoS Computational Biology, 2017, 13, e1005420. | 3.2 | 313 |
| 92 | Probability-based collaborative filtering model for predicting gene–disease associations. BMC Medical Genomics, 2017, 10, 76. | 1.5 | 73 |
| 93 | Iteratively collective prediction of disease-gene associations through the incomplete network. , 2017, , . | | 8 |
| 94 | A decision support model for investment on P2P lending platform. PLoS ONE, 2017, 12, e0184242. | 2.5 | 12 |
| 95 | Similarity computation strategies in the microRNA-disease network: a survey. Briefings in Functional Genomics, 2016, 15, elv024. | 2.7 | 172 |
| 96 | Embedded Based Miniaturized Universal Electrochemical Sensing Platform. Journal of Sensors, 2016, 2016, 1-8. | 1.1 | 2 |
| 97 | Pretata: predicting TATA binding proteins with novel features and dimensionality reduction strategy. BMC Systems Biology, 2016, 10, 114. | 3.0 | 143 |
| 98 | HPTree: Reconstructing phylogenetic trees for ultra-large unaligned DNA sequences via NJ model and Hadoop. , 2016, , . | | 8 |
| 99 | Latent factor model with heterogeneous similarity regularization for predicting gene-disease associations., 2016,,. | | 3 |
| 100 | Computing with viruses. Theoretical Computer Science, 2016, 623, 146-159. | 0.9 | 28 |
| 101 | Investment behavior prediction in heterogeneous information network. Neurocomputing, 2016, 217, 125-132. | 5.9 | 11 |
| 102 | Complex Network Clustering by a Multi-objective Evolutionary Algorithm Based on Decomposition and Membrane Structure. Scientific Reports, 2016, 6, 33870. | 3.3 | 32 |
| 103 | Integrative approaches for predicting microRNA function and prioritizing disease-related microRNA using biological interaction networks. Briefings in Bioinformatics, 2016, 17, 193-203. | 6.5 | 307 |
| 104 | Prediction and validation of association between microRNAs and diseases by multipath methods. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2735-2739. | 2.4 | 43 |
| 105 | Prediction of MicroRNA-disease Associations by Matrix Completion. Current Proteomics, 2016, 13, 151-157. | 0.3 | 12 |
| 106 | A Classification Method for Microarrays Based on Diversity. Current Bioinformatics, 2016, 11, 590-597. | 1.5 | 7 |
| 107 | Molecular Logic Computation with Debugging Method. Journal of Nanomaterials, 2015, 2015, 1-11. | 2.7 | 0 |
| 108 | Implementation of Arithmetic Operations With Time-Free Spiking Neural P Systems. IEEE Transactions on Nanobioscience, 2015, 14, 617-624. | 3.3 | 52 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | A Stable Matching-Based Selection and Memory Enhanced MOEA/D for Evolutionary Dynamic Multiobjective Optimization. , 2015 , , . | | 7 |
| 110 | Improving tRNAscanâ€6E Annotation Results via Ensemble Classifiers. Molecular Informatics, 2015, 34, 761-770. | 2.5 | 66 |
| 111 | Simulating Spiking Neural P Systems with Circuits. Journal of Computational and Theoretical Nanoscience, 2015, 12, 2023-2026. | 0.4 | 3 |
| 112 | MOEA/D for Energy-Aware Scheduling on Heterogeneous Computing Systems. Communications in Computer and Information Science, 2015, , 94-106. | 0.5 | 1 |
| 113 | Asynchronous Spiking Neural P Systems with Anti-Spikes. Neural Processing Letters, 2015, 42, 633-647. | 3.2 | 25 |
| 114 | The power of time-free tissue P systems: Attacking NP-complete problems. Neurocomputing, 2015, 159, 151-156. | 5.9 | 23 |
| 115 | Identification of cytokine via an improved genetic algorithm. Frontiers of Computer Science, 2015, 9, 643-651. | 2.4 | 26 |
| 116 | A decision-making framework for precision marketing. Expert Systems With Applications, 2015, 42, 3357-3367. | 7.6 | 76 |
| 117 | Asynchronous spiking neural P systems with rules on synapses. Neurocomputing, 2015, 151, 1439-1445. | 5.9 | 65 |
| 118 | Spiking Neural P Systems with Thresholds. Neural Computation, 2014, 26, 1340-1361. | 2.2 | 113 |
| 119 | Solving Multidimensional 0-1 Knapsack Problem with Time-Free Tissue P Systems. Journal of Applied Mathematics, 2014, 2014, 1-6. | 0.9 | 4 |
| 120 | On Some Classes of Sequential Spiking Neural P Systems. Neural Computation, 2014, 26, 974-997. | 2.2 | 57 |
| 121 | Weighted Spiking Neural P Systems with Rules on Synapses. Fundamenta Informaticae, 2014, 134, 201-218. | 0.4 | 16 |
| 122 | Decision Tree Classification Model for Popularity Forecast of Chinese Colleges. Journal of Applied Mathematics, 2014, 2014, 1-7. | 0.9 | 12 |
| 123 | Approaches for Recognizing Disease Genes Based on Network. BioMed Research International, 2014, 2014, 1-10. | 1.9 | 46 |
| 124 | nDNA-prot: identification of DNA-binding proteins based on unbalanced classification. BMC Bioinformatics, 2014, 15, 298. | 2.6 | 158 |
| 125 | On languages generated by spiking neural P systems with weights. Information Sciences, 2014, 278, 423-433. | 6.9 | 75 |
| 126 | Small universal simple spiking neural P systems with weights. Science China Information Sciences, 2014, 57, 1-11. | 4.3 | 30 |

| # | Article | lF | Citations |
|-----|---|--------------|-----------|
| 127 | A hybrid heuristic algorithm for the 2D variable-sized bin packing problem. European Journal of Operational Research, 2014, 238, 95-103. | 5 . 7 | 38 |
| 128 | Time-Free Tissue P Systems for Solving the Hamilton Path Problem. Communications in Computer and Information Science, 2014, , 562-565. | 0.5 | 1 |
| 129 | Review of Protein Subcellular Localization Prediction. Current Bioinformatics, 2014, 9, 331-342. | 1.5 | 32 |
| 130 | A New Graphical Representation of Protein Sequences Based on Dual-Vector Model. Communications in Computer and Information Science, 2014, , 629-632. | 0.5 | 0 |
| 131 | Spiking neural P systems with anti-spikes and without annihilating priority working in a 'flip-flop' way. International Journal of Computing Science and Mathematics, 2013, 4, 152. | 0.3 | 3 |
| 132 | WormStep: An Improved Compact Graphical Representation of DNA Sequences Based on Worm Curve. Journal of Computational and Theoretical Nanoscience, 2013, 10, 189-193. | 0.4 | 2 |
| 133 | Small Universal Spiking Neural P Systems with Anti-Spikes. Journal of Computational and Theoretical Nanoscience, 2013, 10, 999-1006. | 0.4 | 38 |
| 134 | A Bayesian Investment Model for Online P2P Lending. Communications in Computer and Information Science, 2013, , 21-30. | 0.5 | 4 |
| 135 | Several Applications of Spiking Neural P Systems with Weights. Journal of Computational and Theoretical Nanoscience, 2012, 9, 769-777. | 0.4 | 10 |
| 136 | Performing Four Basic Arithmetic Operations With Spiking Neural P Systems. IEEE Transactions on Nanobioscience, 2012, 11, 366-374. | 3.3 | 57 |
| 137 | A uniform solution to the independent set problem through tissue P systems with cell separation. Frontiers of Computer Science, 2012, 6, 477. | 2.4 | 1 |
| 138 | Spiking Neural P Systems with Weighted Synapses. Neural Processing Letters, 2012, 35, 13-27. | 3.2 | 68 |
| 139 | P Systems with 2D Picture Grammars. , 2011, , . | | 0 |
| 140 | A Modified Estimation of Distribution Algorithm for Numeric Optimization. , $2011, \ldots$ | | 0 |
| 141 | Spiking Neural P Systems for Arithmetic Operations. , 2011, , . | | 3 |
| 142 | Small Universal Spiking Neural P Systems Working in Exhaustive Mode. IEEE Transactions on Nanobioscience, 2011, 10, 99-105. | 3.3 | 45 |
| 143 | Time-Free Spiking Neural P Systems. Neural Computation, 2011, 23, 1320-1342. | 2.2 | 69 |
| 144 | Deterministic solutions to QSAT and Q3SAT by spiking neural P systems with pre-computed resources. Theoretical Computer Science, 2010, 411, 2345-2358. | 0.9 | 111 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | A weakly universal spiking neural P system. Mathematical and Computer Modelling, 2010, 52, 1940-1946. | 2.0 | 5 |
| 146 | Small universal asynchronous spiking neural P systems. , 2010, , . | | 5 |
| 147 | A Note on Small Universal Spiking Neural P Systems. Lecture Notes in Computer Science, 2010, , 436-447. | 1.3 | 16 |
| 148 | Matrix Representation of Spiking Neural P Systems. Lecture Notes in Computer Science, 2010, , 377-391. | 1.3 | 24 |
| 149 | Homogeneous Spiking Neural P Systems. Fundamenta Informaticae, 2009, 97, 275-294. | 0.4 | 54 |
| 150 | On languages generated by asynchronous spiking neural P systems. Theoretical Computer Science, 2009, 410, 2478-2488. | 0.9 | 37 |
| 151 | A weakly universal spiking neural P system. , 2009, , . | | 1 |
| 152 | On string languages generated by spiking neural P systems with exhaustive use of rules. Natural Computing, 2008, 7, 535-549. | 3.0 | 51 |