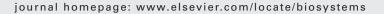


Contents lists available at ScienceDirect

BioSystems





Subject Index of Volume 94

Acoustic stimulation; Computational models; Learning; Action potentials; Auditory; Auditory cortex; Auditory pathways; Time factors; Linearity; Neurons **94.** 60

Action potentials; Computational models; Learning; Acoustic stimulation; Auditory; Auditory cortex; Auditory pathways; Time factors; Linearity; Neurons **94**, 60

Adaptive; Spiking; Neuron; Cerebellum; Simulation; Learning; Inferior olive; Probabilistic; Robot; Real time **94**, 18

Adhesion; Geckos; Roughness; Optimal; Time; Weibull; Statistics 94, 218

Affinity; Camptothecin; Fluorescence anisotropy; Human serum albumin (HSA); Warfarin; Flurbiprofen; Ibuprofen **94**, 258

AFM; Lipase; Thin films; Catalytic activity; Interfacial activation 94, 228

Agent; Artificial chemistry; Complex network; Self-organization; Program-flow computer; Assembler program; Cell division; Centrosome **94**, 118

Algebraic automata theory; Krohn–Rhodes theorem; Holonomy decomposition; Intermediary metabolism; Computer algebra; Semigroups; Complexity; Coordinate systems; Algebraic biology; Reaction graphs **94**, 126

Algebraic automata theory; Petri nets; Krohn-Rhodes theorem; Algebraic biology **94**, 135

Algebraic biology; Algebraic automata theory; Krohn–Rhodes theorem; Holonomy decomposition; Intermediary metabolism; Computer algebra; Semigroups; Complexity; Coordinate systems; Reaction graphs **94**, 126

Algebraic biology; Algebraic automata theory; Petri nets; Krohn-Rhodes theorem **94**, 135

Artificial chemistry; Complex network; Self-organization; Agent; Program-flow computer; Assembler program; Cell division; Centrosome **94**, 118

Artificial immune systems; Evolutionary algorithms; Immune networks; Parkinson's disease **94**, 34

Artificial life; Genetic Regulatory Networks (GRNs); Graph colouring problem; Distributed computing; Multicellularity **94**, 28

Artificial regulatory network; Cell pattern; Genetic algorithms; French flag problem; Cellular automata **94**, 95

Assembler program; Artificial chemistry; Complex network; Self-organization; Agent; Program-flow computer; Cell division; Centrosome **94**, 118

Associative memory models; Efficient connection strategies; Sparse connectivity; Displaced connectivity; 1D and 2D topologies **94**, 87

Auditory; Computational models; Learning; Acoustic stimulation; Action potentials; Auditory cortex; Auditory pathways; Time factors; Linearity; Neurons **94**, 60

Auditory cortex; Computational models; Learning; Acoustic stimulation; Action potentials; Auditory; Auditory pathways; Time factors; Linearity; Neurons **94**, 60

Auditory pathways; Computational models; Learning; Acoustic stimulation; Action potentials; Auditory; Auditory cortex; Time factors; Linearity; Neurons **94** 60

Autologous chondrocyte transplantation; Surface-active phospholipids; Osteoarthritis; Chondrocyte responses **94**, 209

Ball and chain; Ionic channels; First passage time; Channel inactivation 94, 267

Bio-inspiration; Self-organization; Cloning; Cicatrization; Regeneration 94, 164

Biological complexity; Control of chaos; Rate control; Chemical chaos 94, 145

Biolubrication; Reduced friction; Biomatter organization under load; Diffusion; Viscosity **94**, 215

Biomatter organization under load; Reduced friction; Biolubrication; Diffusion; Viscosity **94**, 215

Body wall muscles; Caenorhabditis elegans locomotion; Gap junctions; Conductance-based models **94**, 170

h-Boron nitride; Phospholipids; Lamellar lubrication; Coefficient of friction; Wear **94**, 202

Brownian dynamics; Transport; Molecular motors; Diffusion; Efficiency 94, 253

Bursting; Spiking neurons; Cerebellum; Granule cell; Event-driven simulation; Lookup table; Subthreshold oscillations; Resonance **94**, 10

Caenorhabditis elegans locomotion; Body wall muscles; Gap junctions; Conductance-based models **94**, 170

Calcium dynamics; Self-organisation; Synchronisation; CICR model; Chemical oscillations; Dynamic diseases **94**, 153

Camptothecin; DB-67; Fluorescence anisotropy; Membranes; Human serum albumin (HSA) **94**, 270

Camptothecin; Fluorescence anisotropy; Human serum albumin (HSA); Warfarin; Flurbiprofen; Ibuprofen; Affinity **94**, 258

Cartilage lubrication; Lamellar biolubrication; Microelectrophoresis; Surface charge density; Liposome; Reverse micelle **94**, 193

Catalytic activity; Lipase; AFM; Thin films; Interfacial activation 94, 228

Cell cycle; G1/S phase; p53-Mdm2 oscillation; Numerical simulation 94, 109

Cell division; Artificial chemistry; Complex network; Self-organization; Agent; Program-flow computer; Assembler program; Centrosome **94**, 118

Cell pattern; Artificial regulatory network; Genetic algorithms; French flag problem; Cellular automata **94**, 95

Cellular automata; Cell pattern; Artificial regulatory network; Genetic algorithms; French flag problem **94**, 95

Centre crossing networks; Signal propagation; Linear stability analysis; May-Wigner threshold; Network dynamics **94**, 2

Centrosome; Artificial chemistry; Complex network; Self-organization; Agent; Program-flow computer; Assembler program; Cell division **94**, 118

Cerebellum; Spiking; Neuron; Adaptive; Simulation; Learning; Inferior olive; Probabilistic; Robot; Real time **94**, 18

Cerebellum; Spiking neurons; Granule cell; Event-driven simulation; Lookup table; Bursting; Subthreshold oscillations; Resonance **94**, 10

Channel inactivation; Ionic channels; First passage time; Ball and chain 94, 267

Chaos; Transient computation; Liquid state machine; Motion recognition **94**, 55

Chemical chaos; Control of chaos; Rate control; Biological complexity 94, 145

Chemical oscillations; Self-organisation; Synchronisation; Calcium dynamics; CICR model; Dynamic diseases **94**, 153

Chondrocyte responses; Surface-active phospholipids; Autologous chondrocyte transplantation; Osteoarthritis **94**, 209

Cicatrization; Bio-inspiration; Self-organization; Cloning; Regeneration **94**, 164

CICR model; Self-organisation; Synchronisation; Calcium dynamics; Chemical oscillations; Dynamic diseases **94**, 153

Cloning; Bio-inspiration; Self-organization; Cicatrization; Regeneration 94, 164

Coarse-grained; Go-like model; Crowding; Confinement; Dynamics; Protein; Crambin **94**, 248

Coarse-graining; Protein crystal; Unit cell; Polymorphism; HP-type model; Miyazawa-Jernigan matrix **94**, 233

Coefficient of friction; Phospholipids; h-Boron nitride; Lamellar lubrication; Wear **94**, 202

Complex network; Artificial chemistry; Self-organization; Agent; Program-flow computer; Assembler program; Cell division; Centrosome **94**, 118

Complexity; Algebraic automata theory; Krohn–Rhodes theorem; Holonomy decomposition; Intermediary metabolism; Computer algebra; Semigroups; Coordinate systems; Algebraic biology; Reaction graphs **94**, 126

Complex-valued neural networks; Oscillatory networks; Temporal coding 94, 75

Computational models; Learning; Acoustic stimulation; Action potentials; Auditory; Auditory cortex; Auditory pathways; Time factors; Linearity; Neurons **94**. 60

Computer algebra; Algebraic automata theory; Krohn–Rhodes theorem; Holonomy decomposition; Intermediary metabolism; Semigroups; Complexity; Coordinate systems; Algebraic biology; Reaction graphs **94**, 126

Conductance-based models; Caenorhabditis elegans locomotion; Body wall muscles; Gap junctions **94**, 170

Confinement; Coarse-grained; Go-like model; Crowding; Dynamics; Protein; Crambin **94**, 248

Control of chaos; Rate control; Biological complexity; Chemical chaos 94, 145

Convergent evolution; Topological network analysis; Regulatory network motifs; Genome evolution **94**, 68

Coordinate systems; Algebraic automata theory; Krohn–Rhodes theorem; Holonomy decomposition; Intermediary metabolism; Computer algebra; Semigroups; Complexity; Algebraic biology; Reaction graphs **94**, 126

Crambin; Coarse-grained; Go-like model; Crowding; Confinement; Dynamics; Protein **94**, 248

Crowding; Coarse-grained; Go-like model; Confinement; Dynamics; Protein; Crambin **94**, 248

Crystallization; Ribosomal proteins; GroEL; LB protein thin film 94, 223

1D and 2D topologies; Associative memory models; Efficient connection strategies; Sparse connectivity; Displaced connectivity **94**, 87

DB-67; Camptothecin; Fluorescence anisotropy; Membranes; Human serum albumin (HSA) **94**, 270

Diffusion; Reduced friction; Biolubrication; Biomatter organization under load; Viscosity **94**, 215

Diffusion; Transport; Molecular motors; Efficiency; Brownian dynamics **94**, 253

Displaced connectivity; Associative memory models; Efficient connection strategies; Sparse connectivity; 1D and 2D topologies **94**, 87

Distributed computing; Genetic Regulatory Networks (GRNs); Artificial life; Graph colouring problem; Multicellularity **94**, 28

Dynamic diseases; Self-organisation; Synchronisation; Calcium dynamics; CICR model; Chemical oscillations **94**, 153

Dynamics; Coarse-grained; Go-like model; Crowding; Confinement; Protein; Crambin **94**, 248

Efficiency; Transport; Molecular motors; Diffusion; Brownian dynamics 94, 253

Efficient connection strategies; Associative memory models; Sparse connectivity; Displaced connectivity; 1D and 2D topologies **94**, 87

Event-driven simulation; Spiking neurons; Cerebellum; Granule cell; Lookup table; Bursting; Subthreshold oscillations; Resonance **94**, 10

Evolution; Modeling; Simulation; Morphology 94, 182

Evolutionary algorithms; Artificial immune systems; Immune networks; Parkinson's disease **94**, 34

First passage time; Ionic channels; Channel inactivation; Ball and chain 94, 267

Download English Version:

https://daneshyari.com/en/article/2076563

Download Persian Version:

https://daneshyari.com/article/2076563

<u>Daneshyari.com</u>