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Amino acid pattern

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Amphipathic α -helix

Protein classification; Amino acid pattern; Secondary structure (Blundell, T.L. (55) 167)

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Bending rigidity; Membrane topology (Mouritsen, O.G. (55) 55)

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Base sequence; Computer simulation; Elastic energy; Supercoiling (Olson, W.K. (55) 7)

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DNA curvature

Persistence; DNA bending; Wedge; DNA flexibility; Kinetoplast (Schellman, J.A. (55) 95)

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Elastic energy

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Electronic spectra

DNA bases; Tautomeric equilibria; MNDO (Alyoubi, A.O. (55) 231)

Electron microscopy

Bacteriorhodopsin; Lipid-protein interaction; Solid state deuterium NMR; Biological membrane; Retinal chromophore (Watts, A. (55) 137)

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Electrophoretic retardation

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Fluorescence

Porphyrin derivatives; Hematoporphyrin; Monocation; Dication; Photodynamic therapy; Photochemotherapy (Chapados, C. (55) 289)

Genetic algorithm

RNA folding; RNA secondary structure; Computer analysis (Benedetti, G. (55) 253)

Glutamine synthetase

Metabolic control; DNA supercoiling; Magainins; Multidrug resistance; Cascade regulation (Van der Gugten, A.A. (55) 153)

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Thermodynamics; Thermal unfolding; Eglin c (Bae, S.-J. (55) 247)

Haloarcula marismortui

Thermus thermophilus; Ribosomes; X-ray crystallography; Methylation; Sulfhydryls (Sagi, I. (55) 31)

Heat capacity

Temperature dependence; Tripeptide; Aqueous solution; Solvation (Downes, C.J. (55) 279)

Helix propensity

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Helix-stabilizing interaction

Helix propensity; N-cap (Baldwin, R.L. (55) 127)

Hematoporphyrin

Porphyrin derivatives; Fluorescence; Monocation; Dication; Photodynamic therapy; Photochemotherapy (Chapados, C. (55) 289)

Hypercholesterolaemia

NMR; Water transport; Cholesterol; Diffusion; Mean residence lifetime; Permeability; Liver disease (Waldeck, A.R. (55) 197)

Insecticide

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Ion channel

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Transmembrane helice; Molecular dynamics; Electrostatics; Salt-bridge; Sidechain conformation (Sankaramakrishnan, R. (55) 215)

Kinoplast

Persistence; DNA curvature; DNA bending; Wedge; DNA flexibility (Schellman, J.A. (55) 95)

Lipid bilayer

Membrane; Molecular adsorption; Macromolecular models; Drug delivery (Cevc, G. (55) 43)

Phase transition; Fluctuation; Dynamic heterogeneity; Phase separation; Lipid mixture; Cholesterol; Insecticide; Lipid-protein interaction; Random surface (Mouritsen, O.G. (55) 55)

Lipid mixture

Lipid bilayer; Phase transition; Fluctuation; Dynamic heterogeneity; Phase separation; Cholesterol; Insecticide; Lipid-protein interaction; Random surface (Mouritsen, O.G. (55) 55)

Lipid-protein interaction

Lipid bilayer; Phase transition; Fluctuation; Dynamic heterogeneity; Phase separation; Lipid mixture; Cholesterol; Insecticide; Random surface (Mouritsen, O.G. (55) 55)

Bacteriorhodopsin; Solid state deuterium NMR; Electron microscopy; Biological membrane; Retinal chromophore (Watts, A. (55) 137)

Liquid membrane

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Liver disease

NMR; Water transport; Cholesterol; Diffusion; Mean residence lifetime; Permeability; Hypercholesterolaemia (Waldeck, A.R. (55) 197)

Macromolecular models

Membrane; Lipid bilayer; Molecular adsorption; Drug delivery (Cevc, G. (55) 43)

Magainins

Metabolic control; DNA supercoiling; Multidrug resistance; Glutamine synthetase; Cascade regulaion (Van der Gugten, A.A. (55) 153)

Mean residence lifetime

NMR; Water transport; Cholesterol; Diffusion; Permeability; Hypercholesterolaemia; Liver disease (Waldeck, A.R. (55) 197)

Membrane

Lipid bilayer; Molecular adsorption; Macromolecular models; Drug delivery (Cevc, G. (55) 43)

Membrane topology

Bending rigidity; Computer simulation (Mouritsen, O.G. (55) 55)

Metabolic control

DNA supercoiling; Magainins; Multidrug resistance; Glutamine synthetase; Cascade regulaion (Van der Gugten, A.A. (55) 153)

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Haloarcula marismortui; Thermus thermophilus; Ribosomes; X-ray crystallography; Sulfhydryls (Sagi, I. (55) 31)

MNDO

DNA bases; Tautomeric equilibria; Electronic spectra (Alyoubi, A.O. (55) 231)

Molecular adsorption

Membrane; Lipid bilayer; Macromolecular models; Drug delivery (Cevc, G. (55) 43)

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Ion channel; Transmembrane helice; Electrostatics; Salt-bridge; Sidechain conformation (Sankaramakrishnan, R. (55) 215)

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Metabolic control; DNA supercoiling; Magainins; Glutamine synthetase; Cascade regulaion (Van der Gugten, A.A. (55) 153)

N-cap

Helix-stabilizing interaction; Helix propensity (Baldwin, R.L. (55) 127)

NMR

Water transport; Cholesterol; Diffusion; Mean residence lifetime; Permeability; Hypercholesterolaemia; Liver disease (Waldeck, A.R. (55) 197)

Olfactory transduction

Visual transduction; Ion channel; Cyclic nucleotide (Menini, A. (55) 185)

Permeability

NMR; Water transport; Cholesterol; Diffusion; Mean residence lifetime; Hypercholesterolaemia; Liver disease (Waldeck, A.R. (55) 197)

Persistence

DNA curvature; DNA bending; Wedge; DNA flexibility; Kinoplast (Schellman, J.A. (55) 95)

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Lipid bilayer; Phase transition; Fluctuation; Dynamic heterogeneity; Lipid mixture; Cholesterol; Insecticide; Lipid-protein interaction; Random surface (Mouritsen, O.G. (55) 55)

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Triaxial ellipsoid; Bead models; flexibility; Worm-like coil (Harding, S.E. (55) 69)

Porphyrin derivatives

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Protein classification

Amphipathic α -helix; Amino acid pattern; Secondary structure (Blundell, T.L. (55) 167)

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Reconstitution

Solution X-ray scattering; Tobacco mosaic virus; Quenching (Sano, Y. (55) 239)

Retinal chromophore

Bacteriorhodopsin; Lipid-protein interaction; Solid state deuterium NMR; Electron microscopy; Biological membrane (Watts, A. (55) 137)

Rhodopsin

Photoreceptor noise; Visual sensitivity (Birge, R.R. (55) 115)

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Genetic algorithm; RNA secondary structure; Computer analysis (Benedetti, G. (55) 253)

RNA secondary structure

Genetic algorithm; RNA folding; Computer analysis (Benedetti, G. (55) 253)

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Ion channel; Transmembrane helix; Molecular dynamics; Electrostatics; Sidechain conformation (Sankaramakrishnan, R. (55) 215)

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Electrophoretic mobility; *E. coli*; Surface charge density; Surface softness (Sonohara, R. (55) 273)

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Solution X-ray scattering

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Haloarcula marismortui; Thermus thermophilus; Ribosomes; X-ray crystallography; Methylation (Sagi, I. (55) 31)

Supercoiling

B-DNA; Base sequence; Computer simulation; Elastic energy (Olson, W.K. (55) 7)

Surface charge density

Electrophoretic mobility; *E. coli*; *S. aureus*; Surface softness (Sonohara, R. (55) 273)

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Electrophoretic mobility; *E. coli*; *S. aureus*; Surface charge density (Sonohara, R. (55) 273)

Sweetener

Liquid membrane; Tastant (Shaw, P. (55) 209)

Tastant

Liquid membrane; Sweetener (Shaw, P. (55) 209)

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DNA bases; MNDO; Electronic spectra (Alyoubi, A.O. (55) 231)

Temperature dependence

Heat capacity; Tripeptide; Aqueous solution; Solvation (Downes, C.J. (55) 279)

Thermal unfolding

Thermodynamics; Eglin *c*; Guanidinium chloride (Bae, S.-J. (55) 247)

Thermodynamics

Thermal unfolding; Eglin *c*; Guanidinium chloride (Bae, S.-J. (55) 247)

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Haloarcula marismortui; Ribosomes; X-ray crystallography; Methylation; Sulfhydryls (Sagi, I. (55) 31)

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Transmembrane helice

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Tripeptide

Heat capacity; Temperature dependence; Aqueous solution; Solvation (Downes, C.J. (55) 279)

Visual sensitivity

Photoreceptor noise; Rhodopsin (Birge, R.R. (55) 115)

Visual transduction

Olfactory transduction; Ion channel; Cyclic nucleotide (Menini, A. (55) 185)

Water transport

NMR; Cholesterol; Diffusion; Mean residence lifetime; Permeability; Hypercholesterolaemia; Liver disease (Waldeck, A.R. (55) 197)

Wedge

Persistence; DNA curvature; DNA bending; DNA flexibility; Kinoplast (Schellman, J.A. (55) 95)

Worm-like coil

Triaxial ellipsoid; Bead models; Polydispersity; flexibility (Harding, S.E. (55) 69)

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