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Local compatibility index; Effect of tertiary contacts; Characteristic structural features (Sen, S. (103) 35)

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Cyclic epitope peptides

On resin peptide cyclization; Conformation of cyclic peptides; HSV gD-1 (Mező, G. (103) 51)

Cytochrome *c*

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Cytochrome *c*

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β' ; ω ; *Escherichia coli* RNA polymerase; Subunits; Fluorescence anisotropy (Ghosh, P. (103) 223)

Dynamics

Allostery; Pyruvate kinase; Fourier transform infrared spectroscopy (Yu, S. (103) 1)

EcoKI

Restriction/modification system; DNA methyltransferase; Protein assembly (Powell, L.M. (103) 129)

Effect of tertiary contacts

Characteristic structural features; Compatibility patterns; Local compatibility index (Sen, S. (103) 35)

Electronic structure

Cytochrome *c*; Exogenous ligand; Unfolding intermediate; Conformational transition (Yao, Y. (103) 13)

Electrostatic

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***Escherichia coli* RNA polymerase**

Subunits; Fluorescence anisotropy; Domain interaction; β' ; ω (Ghosh, P. (103) 223)

Exogenous ligand

Unfolding intermediate; Conformational transition; Electronic structure; Cytochrome *c* (Yao, Y. (103) 13)

Fluorescence

Circular dichroism; Principal component analysis; Orosomucoid; Thermal stability; UV-spectroscopy (Hofbauerová, K. (103) 25)

Fluorescence anisotropy

Domain interaction; β' ; ω ; *Escherichia coli* RNA polymerase; Subunits (Ghosh, P. (103) 223)

Fluorescence-photochrome

Molecular-dynamics; Molecular probes; 2,4-Dinitrophenyl; Antibody; Binding-site (Chen, O. (103) 139)

Fourier transform infrared spectroscopy

Dynamics; Allostery; Pyruvate kinase (Yu, S. (103) 1)

Glassy carbon

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Grotthuss mechanism

Single channel conductance; Proton transfer in deuterated methanol; Deuterium oxide; Water wire; Ionic permeability (Chernyshev, A. (103) 179)

¹H-CRAMPS-ssNMR

¹³C-CP/MAS-ssNMR; Phase transition; Parity-violating energy difference; Parity violation; Alanine enantiomer (Wang, W.-Q. (103) 289)

HSV gD-1

Cyclic epitope peptides; On resin peptide cyclization; Conformation of cyclic peptides (Mező, G. (103) 51)

Impedance

Voltammetry; Solid supported thin liquid films of lipids; Glassy carbon; Cholesterol (Karabaliev, M. (103) 157)

Ionic permeability

Grotthuss mechanism; Single channel conductance; Proton transfer in deuterated methanol; Deuterium oxide; Water wire (Chernyshev, A. (103) 179)

Isocitrate lyase

Microgravity; Parabolic flight; Enzyme catalysis (Ranaldi, F. (103) 169)

Kinetic analysis

Autocatalysis; Stereoselectivity; Amplification of enantiomeric excess; Biomolecular homochirality; Chiroselective autocatalytic effect; Self-replication; Peptide (Rivera Islas, J. (103) 201)

 κ -casein

Net proton charge; Potentiometric titration; Counterion condensation theory; β -casein (Cordeschi, M. (103) 77)

Kinetic analysis

Autocatalysis; Template-directed catalysis; Molecular evolution; Computational modeling; Self-replication; Peptide (Rivera Islas, J. (103) 191)

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Effect of tertiary contacts; Characteristic structural features; Compatibility patterns (Sen, S. (103) 35)

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Membrane

Substance transport; Thermodynamics equations; Mechanistic equations (Kargol, M. (103) 117)

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Microgravity

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Molecular-dynamics

Molecular probes; 2,4-Dinitrophenyl; Antibody; Binding-site; Fluorescence-photochrome (Chen, O. (103) 139)

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Nitrosopropofol

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On resin peptide cyclization

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Optical absorption spectroscopy

Sol-gel encapsulation; Protein dynamics (Grazia Santangelo, M. (103) 67)

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Alanine enantiomer; ^1H -CRAMPS-ssNMR; ^{13}C -CP/MAS-ssNMR; Phase transition; Parity-violating energy difference (Wang, W.-Q. (103) 289)

Parity-violating energy difference

Parity violation; Alanine enantiomer; ^1H -CRAMPS-ssNMR; ^{13}C -CP/MAS-ssNMR; Phase transition (Wang, W.-Q. (103) 289)

Penetratin

Antennapedia; Transportan; Phospholipid vesicles; Structure induction; Translocation (Magzoub, M. (103) 271)

Peptide

Kinetic analysis; Autocatalysis; Stereoselectivity; Amplification of enantiomeric excess; Biomolecular homochirality; Chiroselective autocatalytic effect; Self-replication (Rivera Islas, J. (103) 201)

Peptide

Kinetic analysis; Autocatalysis; Template-directed catalysis; Molecular evolution; Computational modeling; Self-replication (Rivera Islas, J. (103) 191)

Phase transition

Parity-violating energy difference; Parity violation; Alanine enantiomer; ^1H -CRAMPS-ssNMR; ^{13}C -CP/MAS-ssNMR (Wang, W.-Q. (103) 289)

Phospholipid membrane

Propofol; Nitrosopropofol; Nitrosophenols (Momo, F. (103) 213)

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Structure induction; Translocation; Penetratin; Antennapedia; Transportan (Magzoub, M. (103) 271)

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Counterion condensation theory; β -casein; κ -casein; Net proton charge (Cordeschi, M. (103) 77)

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Orosomucoid; Thermal stability; UV-spectroscopy; Fluorescence; Circular dichroism (Hofbauerová, K. (103) 25)

Propofol

Nitrosopropofol; Nitrosophenols; Phospholipid membrane (Momo, F. (103) 213)

Protein assembly

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Protein bilayer location

Resonance energy transfer; Cytochrome *c*; Protein-lipid complexes (Gorbenko, G.P. (103) 239)

Protein dynamics

Optical absorption spectroscopy; Sol-gel encapsulation (Grazia Santangelo, M. (103) 67)

Protein dynamics

Optical absorption spectroscopy; Sol-gel encapsulation (Santangelo, M.Grazia. (103) 99)

Protein-lipid complexes

Protein bilayer location; Resonance energy transfer; Cytochrome *c* (Gorbenko, G.P. (103) 239)

Proton transfer in deuterated methanol

Deuterium oxide; Water wire; Ionic permeability; Grotthuss mechanism; Single channel conductance (Chernyshev, A. (103) 179)

Pulse radiolysis

Bovine serum albumin; Charge transfer; Solvent effects (Joshi, R. (103) 89)

Pyruvate kinase

Fourier transform infrared spectroscopy; Dynamics; Allostery (Yu, S. (103) 1)

Resonance energy transfer

Cytochrome *c*; Protein-lipid complexes; Protein bilayer location (Gorbenko, G.P. (103) 239)

Restriction/modification system

DNA methyltransferase; Protein assembly; EcoKI (Powell, L.M. (103) 129)

Self-replication

Peptide; Kinetic analysis; Autocatalysis; Stereoselectivity; Amplification of enantiomeric excess; Biomolecular homochirality; Chiroselective autocatalytic effect (Rivera Islas, J. (103) 201)

Self-replication

Peptide; Kinetic analysis; Autocatalysis; Template-directed catalysis; Molecular evolution; Computational modeling (Rivera Islas, J. (103) 191)

Single channel conductance

Proton transfer in deuterated methanol; Deuterium oxide; Water wire; Ionic permeability; Grotthuss mechanism (Chernyshev, A. (103) 179)

Sol-gel encapsulation

Protein dynamics; Optical absorption spectroscopy (Santangelo, M.Grazia. (103) 99)

Sol-gel encapsulation

Protein dynamics; Optical absorption spectroscopy (Grazia Santangelo, M. (103) 67)

Solid supported thin liquid films of lipids

Glassy carbon; Cholesterol; Impedance; Voltammetry (Karabaliyev, M. (103) 157)

Solvent effects

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Specific protein-DNA interactions

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Fluorescence anisotropy; Domain interaction; β' ; ω ; *Escherichia coli* RNA polymerase (Ghosh, P. (103) 223)

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Molecular evolution; Computational modeling; Self-replication; Peptide; Kinetic analysis; Autocatalysis (Rivera Islas, J. (103) 191)

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Adeno-associated viral promoter P5; Capacitance measurement of protein interactions; Specific protein-DNA interactions; YY1; Transcription initiation (Choi, C.H. (103) 109)

Transcription initiation

Transcription factor; Adeno-associated viral promoter P5; Capacitance measurement of protein interactions; Specific protein-DNA interactions; YY1 (Choi, C.H. (103) 109)

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Penetratin; Antennapedia; Transportan; Phospholipid vesicles; Structure induction (Magzoub, M. (103) 271)

Transportan

Phospholipid vesicles; Structure induction; Translocation; Penetratin; Antennapedia (Magzoub, M. (103) 271)

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Fluorescence; Circular dichroism; Principal component analysis; Orosomucoid; Thermal stability (Hofbauerová, K. (103) 25)

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Cation- π interactions; Membrane protein; Electrostatic (Michael Gromiha, M. (103) 251)

Voltammetry

Solid supported thin liquid films of lipids; Glassy carbon; Cholesterol; Impedance (Karabaliev, M. (103) 157)

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Ionic permeability; Grotthuss mechanism; Single channel con-

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YY1

Transcription initiation; Transcription factor; Adeno-associated viral promoter P5; Capacitance measurement of protein interactions; Specific protein–DNA interactions (Choi, C.H. (103) 109)