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Melanin pigment; Flavin; Binding interaction; Equilibrium dialysis; Fluorescence lifetime (Kozik, A. (38) 39)

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Aggregation; Fractal dimension; Kinetics; Solid/liquid interface; Solid-phase reaction; Ferritin (Nygren, H. (38) 67)

Ferritin; Surface-induced aggregation; Concentration effect; Hydrophobicity; Protein; Solid-liquid interface (Nygren, H. (38) 77)

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Melanin pigment; Flavin; Equilibrium dialysis; Fluorescence lifetime; Absorption spectroscopy (Kozik, A. (38) 39)

Ca²⁺

Solution X-ray scattering; Hemocyanin; Dissociation; (*Limulus polyphemus*) (Kimura, K. (38) 23)

Ca²⁺ binding

NMR, ¹H-; NMR, ³¹P-; NMR, ¹³C-; Molecular dynamics; Pro configuration; (Bovine milk) (Kakalis, L.T. (38) 87)

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Charge density

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Interface recognition site; Time-resolved fluorescence; Dansyl-aminotyrosine; Micelle binding (McIntyre, J.C. (38) 143)

Concentration effect

Ferritin; Surface-induced aggregation; Adsorption; Hydrophobicity; Protein; Solid-liquid interface (Nygren, H. (38) 77)

Conformation

Circular dichroism; Dynamic light scattering; Plasmid; DNA; Ethidium bromide (Chirico, G. (38) 201)

Conformational analysis

Toxin activation; CD; Fluorescence quenching; Neurotoxin; Secondary structure; Tyrosine exposure; Tryptophan probing (Singh, B.R. (38) 123)

Conformational change

Protein modification; Streptokinase; Reductive alkylation; Conjugate structure (Taratina, T.M. (38) 1)

Conformational properties in solution

Mean squared optical anisotropy; Molar Kerr constant; Optical properties of polypeptides (Rowe, G. (38) 225)

Conjugate structure

Protein modification; Streptokinase; Reductive alkylation; Conformational change (Taratina, T.M. (38) 1)

Cooperativity

Hemoglobin; Oxygen binding; Adair constant; Self-assembly; Linkage (Johnson, M.L. (38) 159)

Cyclodipeptide

Tripeptide; Aqueous solution; Partial heat capacity; Temperature dependence; Microcalorimetry (Makhatadze, G.I. (38) 33)

Dansylaminotyrosine

Colipase; Interface recognition site; Time-resolved fluorescence; Micelle binding (McIntyre, J.C. (38) 143)

Denaturation behavior

DNA-protein complex; Helix-coil transition; DNA denaturation; Metaphase chromosome; Hoechst 33258 fluorescence (Schaller, R.K.A. (38) 59)

Dielectric continuum

Simulation; Widom technique; Screening; Protein model (Svensson, B. (38) 179)

Diffusion

Energy transfer; Distance distribution; Frequency-domain fluorometry; Fluorescence spectroscopy; Molecular dynamics (Lakowicz, J.R. (38) 99)

Diffusive occupation number fluctuation

Random variable; Time sequence statistics; Shot noise; Gaussian process (Qian, H. (38) 49)

Direct transfer

Metabolic channeling; Enzyme-enzyme interaction (Smolen, P. (38) 241)

Dissociation

Solution X-ray scattering; Hemocyanin; Ca^{2+} ; (*Limulus polyphemus*) (Kimura, K. (38) 23)

Distance distribution

Energy transfer; Diffusion; Frequency-domain fluorometry; Fluorescence spectroscopy; Molecular dynamics (Lakowicz, J.R. (38) 99)

DNA

Circular dichroism; Dynamic light scattering; Plasmid; Conformation; Ethidium bromide (Chirico, G. (38) 201)

DNA conformation

Ethidium intercalation; Ethidium fluorescence (Cuniberti, C. (38) 11)

DNA denaturation

Denaturation behavior; DNA-protein complex; Helix-coil transition; Metaphase chromosome; Hoechst 33258 fluorescence (Schaller, R.K.A. (38) 59)

DNA-protein complex

Denaturation behavior; Helix-coil transition; DNA denaturation; Metaphase chromosome; Hoechst 33258 fluorescence (Schaller, R.K.A. (38) 59)

Donnan potential

Surface potential; Charge density; Ion-penetrable membrane (Ohshima, H. (38) 117)

Dynamic light scattering

Circular dichroism; Plasmid; DNA; Conformation; Ethidium bromide (Chirico, G. (38) 201)

Energy transfer

Diffusion; Distance distribution; Frequency-domain fluorometry; Fluorescence spectroscopy; Molecular dynamics (Lakowicz, J.R. (38) 99)

Enzyme-enzyme interaction

Metabolic channeling; Direct transfer (Smolen, P. (38) 241)

Enzyme reaction

Oscillatory reaction; Alcohol dehydrogenase; NADH; Ethanol (Hideshima, T. (38) 265)

Equilibrium dialysis

Melanin pigment; Flavin; Binding interaction; Fluorescence lifetime; Absorption spectroscopy (Kozik, A. (38) 39)

Ethanol

Oscillatory reaction; Enzyme reaction; Alcohol dehydrogenase; NADH (Hideshima, T. (38) 265)

Ethidium bromide

Circular dichroism; Dynamic light scattering; Plasmid; DNA; Conformation (Chirico, G. (38) 201)

Ethidium fluorescence

DNA conformation; Ethidium intercalation (Cuniberti, C. (38) 11)

Ethidium intercalation

DNA conformation; Ethidium fluorescence (Cuniberti, C. (38) 11)

Ferritin

Adsorption; Aggregation; Fractal dimension; Kinetics; Solid/liquid interface; Solid-phase reaction (Nygren, H. (38) 67)

Surface-induced aggregation; Concentration effect; Adsorption; Hydrophobicity; Protein; Solid-liquid interface (Nygren, H. (38) 77)

Flavin

Melanin pigment; Binding interaction; Equilibrium dialysis; Fluorescence lifetime; Absorption spectroscopy (Kozik, A. (38) 39)

Fluorescence lifetime

Melanin pigment; Flavin; Binding interaction; Equilibrium dialysis; Absorption spectroscopy (Kozik, A. (38) 39)

Fluorescence quenching

Toxin activation; CD; Conformational analysis; Neurotoxin; Secondary structure; Tyrosine exposure; Tryptophan probing (Singh, B.R. (38) 123)

Fluorescence spectroscopy

Energy transfer; Diffusion; Distance distribution; Frequency-domain fluorometry; Molecular dynamics (Lakowicz, J.R. (38) 99)

Fractal dimension

Adsorption; Aggregation; Kinetics; Solid/liquid interface; Solid-phase reaction; Ferritin (Nygren, H. (38) 67)

Frequency-domain fluorometry

Energy transfer; Diffusion; Distance distribution; Fluorescence spectroscopy; Molecular dynamics (Lakowicz, J.R. (38) 99)

Gaussian process

Diffusive occupation number fluctuation; Random variable; Time sequence statistics; Shot noise (Qian, H. (38) 49)

Gravielectric effect

Membrane transport; Rayleigh-Taylor convective instability (Ślęzak, A. (38) 189)

Halide effect

Oxygen affinity; Hemoglobin; Temperature effect; Van't Hoff enthalpy (Razynska, A. (38) 111)

Helix-coil transition

Denaturation behavior; DNA-protein complex; DNA denaturation; Metaphase chromosome; Hoechst 33258 fluorescence (Schaller, R.K.A. (38) 59)

Hemocyanin

Solution X-ray scattering; Dissociation; Ca^{2+} ; (*Limulus polyphemus*) (Kimura, K. (38) 23)

Hemoglobin

Oxygen affinity; Halide effect; Temperature effect; Van't Hoff enthalpy (Razynska, A. (38) 111)

Oxygen binding; Adair constant; Self-assembly; Linkage; Cooperativity (Johnson, M.L. (38) 159)

Hoechst 33258 fluorescence

Denaturation behavior; DNA-protein complex; Helix-coil transition; DNA denaturation; Metaphase chromosome (Schaller, R.K.A. (38) 59)

Hydrophobicity

Ferritin; Surface-induced aggregation; Concentration effect; Adsorption; Protein; Solid-liquid interface (Nygren, H. (38) 77)

Interface recognition site

Colipase; Time-resolved fluorescence; Dansylaminotyrosine; Micelle binding (McIntyre, J.C. (38) 143)

Intermolecular interaction

Paramagnetic relaxation; Khellin (Niccolai, N. (38) 155)

Ion-penetrable membrane

Surface potential; Donnan potential; Charge density (Ohshima, H. (38) 117)

Khellin

Intermolecular interaction; Paramagnetic relaxation (Niccolai, N. (38) 155)

Kinetics

Adsorption; Aggregation; Fractal dimension; Solid/liquid interface; Solid-phase reaction; Ferritin (Nygren, H. (38) 67)

Linkage

Hemoglobin; Oxygen binding; Adair constant; Self-assembly; Cooperativity (Johnson, M.L. (38) 159)

Low temperature

Azurin; Stellacyanin; Optical spectroscopy; Protein stereodynamics (Cupane, A. (38) 213)

Mean squared optical anisotropy

Conformational properties in solution; Molar Kerr constant; Optical properties of polypeptides (Rowe, G. (38) 225)

Melanin pigment

Flavin; Binding interaction; Equilibrium dialysis; Fluorescence lifetime; Absorption spectroscopy (Kozik, A. (38) 39)

Membrane transport

Gravielectric effect; Rayleigh-Taylor convective instability (Ślęzak, A. (38) 189)

Time lag; Overshoot (Makino, K. (38) 231)

Metabolic channeling

Direct transfer; Enzyme-enzyme interaction (Smolcn, P. (38) 241)

Metaphase chromosome

Denaturation behavior; DNA-protein complex; Helix-coil transition; DNA denaturation; Hoechst 33258 fluorescence (Schaller, R.K.A. (38) 59)

Micelle binding

Colipase; Interface recognition site; Time-resolved fluorescence; Dansylaminotyrosine (McIntyre, J.C. (38) 143)

Microcalorimetry

Tripeptide; Cyclodipeptide; Aqueous solution; Partial heat capacity; Temperature dependence (Makhatadze, G.I. (38) 33)

Molar Kerr constant

Conformational properties in solution; Mean squared optical anisotropy; Optical properties of polypeptides (Rowe, G. (38) 225)

Molecular dynamics

NMR, ^1H -; NMR, ^{31}P -; NMR, ^{13}C -; Ca^{2+} binding; Pro configuration; (Bovine milk) (Kakalis, L.T. (38) 87)

Energy transfer; Diffusion; Distance distribution; Frequency-domain fluorometry; Fluorescence spectroscopy (Lakowicz, J.R. (38) 99)

NADH

Oscillatory reaction; Enzyme reaction; Alcohol dehydrogenase; Ethanol (Hideshima, T. (38) 265)

Neurotoxin

Toxin activation; CD; Conformational analysis; Fluorescence quenching; Secondary structure; Tyrosine exposure; Tryptophan probing (Singh, B.R. (38) 123)

NMR, ^{13}C -

NMR, ^1H -; NMR, ^{31}P -; Ca^{2+} binding; Molecular dynamics; Pro configuration; (Bovine milk) (Kakalis, L.T. (38) 87)

NMR, ^1H -

NMR, ^{31}P -; NMR, ^{13}C -; Ca^{2+} binding; Molecular dynamics; Pro configuration; (Bovine milk) (Kakalis, L.T. (38) 87)

NMR, ^{31}P -

NMR, ^1H -; NMR, ^{13}C -; Ca^{2+} binding; Molecular dynamics; Pro configuration; (Bovine milk) (Kakalis, L.T. (38) 87)

Optical properties of polypeptides

Conformational properties in solution; Mean squared optical anisotropy; Molar Kerr constant (Rowe, G. (38) 225)

Optical spectroscopy

Azurin; Stellacyanin; Low temperature; Protein stereodynamics (Cupane, A. (38) 213)

Oscillatory reaction

Enzyme reaction; Alcohol dehydrogenase; NADH; Ethanol (Hideshima, T. (38) 265)

Overshoot

Membrane transport; Time lag (Makino, K. (38) 231)

Oxygen affinity

Hemoglobin; Halide effect; Temperature effect; Van't Hoff enthalpy (Razynska, A. (38) 111)

Oxygen binding

Hemoglobin; Adair constant; Self-assembly; Linkage; Cooperativity (Johnson, M.L. (38) 159)

Paramagnetic relaxation

Intermolecular interaction; Kheilin (Nicolai, N. (38) 155)

Partial heat capacity

Tripeptide; Cyclodipeptide; Aqueous solution; Temperature dependence; Microcalorimetry (Makhatadze, G.I. (38) 33)

Plasmid

Circular dichroism; Dynamic light scattering; DNA; Conformation; Ethidium bromide (Chirico, G. (38) 201)

Pro configuration

NMR, ^1H -; NMR, ^{31}P -; NMR, ^{13}C -; Ca^{2+} binding; Molecular dynamics; (Bovine milk) (Kakalis, L.T. (38) 87)

Protein

Ferritin; Surface-induced aggregation; Concentration effect; Adsorption; Hydrophobicity; Solid-liquid interface (Nygren, H. (38) 77)

Protein binding

Subunit exchange; Affinity chromatography (Chun, P.W. (38) 131)

Protein model

Dielectric continuum; Simulation; Widom technique; Screening (Svensson, B. (38) 179)

Protein modification

Streptokinase; Reductive alkylation; Conjugate structure; Conformational change (Taratina, T.M. (38) 1)

Protein stereodynamics

Azurin; Stellacyanin; Optical spectroscopy; Low temperature (Cupane, A. (38) 213)

Random variable

Diffusive occupation number fluctuation; Time sequence statistics; Shot noise; Gaussian process (Qian, H. (38) 49)

Rayleigh-Taylor convective instability

Gravielectric effect; Membrane transport (Ślęzak, A. (38) 189)

Reductive alkylation

Protein modification; Streptokinase; Conjugate structure; Conformational change (Taratina, T.M. (38) 1)

Screening

Dielectric continuum; Simulation; Widom technique; Protein model (Svensson, B. (38) 179)

Secondary structure

Toxin activation; CD; Conformational analysis; Fluorescence quenching; Neurotoxin; Tyrosine exposure; Tryptophan probing (Singh, B.R. (38) 123)

Self-assembly

Hemoglobin; Oxygen binding; Adair constant; Linkage; Cooperativity (Johnson, M.L. (38) 159)

Shot noise

Diffusive occupation number fluctuation; Random variable; Time sequence statistics; Gaussian process (Qian, H. (38) 49)

Simulation

Dielectric continuum; Widom technique; Screening; Protein model (Svensson, B. (38) 179)

Solid/liquid interface

Adsorption; Aggregation; Fractal dimension; Kinetics; Solid-phase reaction; Ferritin (Nygren, H. (38) 67)

Solid-liquid interface

Ferritin; Surface-induced aggregation; Concentration effect; Adsorption; Hydrophobicity; Protein (Nygren, H. (38) 77)

Solid-phase reaction

Adsorption; Aggregation; Fractal dimension; Kinetics; Solid/liquid interface; Ferritin (Nygren, H. (38) 67)

Solution X-ray scattering

Hemocyanin; Dissociation; Ca^{2+} ; (*Limulus polyphemus*) (Kimura, K. (38) 23)

Stellacyanin

Azurin; Optical spectroscopy; Low temperature; Protein stereodynamics (Cupane, A. (38) 213)

Streptokinase

Protein modification; Reductive alkylation; Conjugate structure; Conformational change (Taratina, T.M. (38) 1)

Subunit exchange

Protein binding; Affinity chromatography (Chun, P.W. (38) 131)

Surface-induced aggregation

Ferritin; Concentration effect; Adsorption; Hydrophobicity; Protein; Solid-liquid interface (Nygren, H. (38) 77)

Surface potential

Donnan potential; Charge density; Ion-penetrable membrane (Ohshima, H. (38) 117)

Temperature dependence

Tripeptide; Cyclodipeptide; Aqueous solution; Partial heat capacity; Microcalorimetry (Makhatadze, G.I. (38) 33)

Temperature effect

Oxygen affinity; Hemoglobin; Halide effect; Van't Hoff enthalpy (Razynska, A. (38) 111)

Time lag

Membrane transport; Overshoot (Makino, K. (38) 231)

Time-resolved fluorescence

Colipase; Interface recognition site; Dansylaminotyrosine; Micelle binding (McIntyre, J.C. (38) 143)

Time sequence statistics

Diffusive occupation number fluctuation; Random variable; Shot noise; Gaussian process (Qian, H. (38) 49)

Toxin activation

CD; Conformational analysis; Fluorescence quenching; Neurotoxin; Secondary structure; Tyrosine exposure; Tryptophan probing (Singh, B.R. (38) 123)

Tripeptide

Cyclodipeptide; Aqueous solution; Partial heat capacity; Temperature dependence; Microcalorimetry (Makhatadze, G.I. (38) 33)

Tryptophan probing

Toxin activation; CD; Conformational analysis; Fluorescence quenching; Neurotoxin; Secondary structure; Tyrosine exposure (Singh, B.R. (38) 123)

Tyrosine exposure

Toxin activation; CD; Conformational analysis; Fluorescence quenching; Neurotoxin; Secondary structure; Tryptophan probing (Singh, B.R. (38) 123)

Van't Hoff enthalpy

Oxygen affinity; Hemoglobin; Halide effect; Temperature effect (Razynska, A. (38) 111)

Widom technique

Dielectric continuum; Simulation; Screening; Protein model (Svensson, B. (38) 179)