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Auto-aggregation

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Chlorophyll *a*

Auto-aggregation; Water rich region; Circular dichroism; Fluorescence (Agostiano, A. (47) 193)

Chloroplasts

Photosynthesis; Decouplers; Quinic acid complexes; Quinic acid; Non-classical decoupling; ATP synthesis inhibition (Barba-Behrens, N. (47) 67)

Chondroitin sulfate-water interaction

Articular cartilage; Flow resistance; Tritiated water; Diffusion; Hydraulic conductivity (Lyons, K.C. (47) 61)

Circular dichroism

Chlorophyll *a*; Auto-aggregation; Water rich region; Fluorescence (Agostiano, A. (47) 193)

Classification of three-dimensional structures

Protein backbone conformation; Principal component analysis; Structural code; Four-turn structures (Takahashi, K. (47) 163)

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Coupled electron and proton transfer; Bridged electron transfer; Electron transfer temperature dependence; Photosynthetic reaction centra; *Rhodospseudomonas viridis* (Cartling, B. (47) 123)

Constraints

Factor analysis; Eigenspectra; Real spectra; Absorption spectroscopy; Fluorescence spectroscopy (Chapados, C. (47) 267)

Coupled electron and proton transfer

Conformational gating of electron transfer; Bridged electron transfer; Electron transfer temperature dependence; Photosynthetic reaction centra; *Rhodospseudomonas viridis* (Cartling, B. (47) 123)

Crystallins

Fluorescence lifetimes; Lens proteins; Tryptophan; Non-radiative decay (Borkman, R.F. (47) 203)

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Photosynthesis; Quinic acid complexes; Quinic acid; Non-classical decoupling; ATP synthesis inhibition; Chloroplasts (Barba-Behrens, N. (47) 67)

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Thermotropic behavior; Glucosyl ceramide-phosphatidylcholine; Liposomes; Phase transition and separation; Gaucher's disease (Bach, D. (47) 77)

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Violamycin; Self-association; Spectrophotometry; Temperature jump; Anthracycline (Oncescu, T. (47) 277)

DNA-drug interactions

Berenil; Polynucleotide structures (Barceló, F. (47) 251)

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Polar surface properties; Cell surface interactions; Tear film; Ocular mucus; Mucus in corneal defense (Sharma, A. (47) 87)

DSC-deconvolution

A-U-rich oligoribonucleotides; Ultraviolet absorption spectroscopy; Marquardt-fit; Differential scanning calorimetry; Loop-formation (Windhab, N. (47) 225)

Eigenspectra

Factor analysis; Real spectra; Constraints; Absorption spectroscopy; Fluorescence spectroscopy (Chapados, C. (47) 267)

Electrodichroism

Rotational diffusion; Bead model simulations; Flexibility, bending and torsional (Porschke, D. (47) 179)

Electron transfer temperature dependence

Conformational gating of electron transfer; Coupled electron and proton transfer; Bridged electron transfer; Photosynthetic reaction centra; *Rhodospseudomonas viridis* (Cartling, B. (47) 123)

Electrophoretic mobility

RAW117 lymphosarcoma cells (Makino, K. (47) 261)

Equilibrium dialysis

Human serum albumin; Ovalbumin; Parvalbumin; Acrylamide binding (Punyiczki, M. (47) 9)

Factor analysis

Eigenspectra; Real spectra; Constraints; Absorption spectroscopy; Fluorescence spectroscopy (Chapados, C. (47) 267)

Flexibility, bending and torsional

Electrodichroism; Rotational diffusion; Bead model simulations (Porschke, D. (47) 179)

Flow resistance

Chondroitin sulfate-water interaction; Articular cartilage; Tritiated water; Diffusion; Hydraulic conductivity (Lyons, K.C. (47) 61)

Fluorescence

Quenching; Reverse micelles; Melanocyte stimulating hormones (Bhattacharya, K. (47) 21)

Chlorophyll *a*; Auto-aggregation; Water rich region; Circular dichroism (Agostiano, A. (47) 193)

Fluorescence intensity decay

p-Bis(*O*-methylstyryl)benzene; Two-photon induced fluorescence; Protein fluorescence (Lakowicz, J.R. (47) 1)

Fluorescence lifetimes

Lens proteins; Crystallins; Tryptophan; Non-radiative decay (Borkman, R.F. (47) 203)

Fluorescence spectroscopy

Frequency-domain fluorometry; Anisotropy decays; Molecular dynamics; [Leu⁵] enkephalin (Lakowicz, J.R. (47) 33)

Factor analysis; Eigenspectra; Real spectra; Constraints; Absorption spectroscopy (Chapados, C. (47) 267)

Fluorescence titration

Association of nucleosides; Right angle detection; Tryptophan containing tripeptide; Adduct stability constant (Wieczorek, Z. (47) 233)

Four-turn structures

Protein backbone conformation; Classification of three-dimensional structures; Principal component analysis; Structural code (Takahashi, K. (47) 163)

Free energy perturbation

Helix propensity; Molecular dynamics simulation (Komeiji, Y. (47) 113)

Frequency-domain fluorometry

Anisotropy decays; Molecular dynamics; Fluorescence spectroscopy; [Leu⁵] enkephalin (Lakowicz, J.R. (47) 33)

Gaucher's disease

Differential scanning calorimetry; Thermotropic behavior; Glucosyl ceramide-phosphatidylcholine; Liposomes; Phase transition and separation (Bach,, D. (47) 77)

G-F Transformation

Actin; Muscle dynamics; Sliding machine; Loose coupling (Oosawa, F. (47) 101)

Glucosyl ceramide-phosphatidylcholine

Differential scanning calorimetry; Thermotropic behavior; Liposomes; Phase transition and separation; Gaucher's disease (Bach,, D. (47) 77)

Helix propensity

Free energy perturbation; Molecular dynamics simulation (Komeiji, Y. (47) 113)

Hemin dimerization

Quinine-hemin binding; Relaxation kinetics; Antimalarial drug (Gushimana, Y. (47) 153)

Human serum albumin

Ovalbumin; Parvalbumin; Acrylamide binding; Equilibrium dialysis (Punyczki, M. (47) 9)

Hydraulic conductivity

Chondroitin sulfate-water interaction; Articular cartilage; Flow resistance; Tritiated water; Diffusion (Lyons, K.C. (47) 61)

Kedem-Katchalsky-Zelman model

Membrane transport; Rayleigh-Taylor convective instability; Multicomponent electrolyte systems (Ślęzak, A. (47) 139)

 β -Lactoglobulin

Urea; Alkylurea; Thermal denaturation; UV spectroscopy (Poklar, N. (47) 143)

Lens proteins

Fluorescence lifetimes; Crystallins; Tryptophan; Non-radiative decay (Borkman, R.F. (47) 203)

[Leu⁵] enkephalin

Frequency-domain fluorometry; Anisotropy decays; Molecular dynamics; Fluorescence spectroscopy (Lakowicz, J.R. (47) 33)

Liposomes

Differential scanning calorimetry; Thermotropic behavior; Glucosyl ceramide-phosphatidylcholine; Phase transition and separation; Gaucher's disease (Bach,, D. (47) 77)

Loop-formation

A-U-rich oligoribonucleotides; Ultraviolet absorption spectroscopy; Marquardt-fit; Differential scanning calorimetry; DSC-deconvolution (Windhab, N. (47) 225)

Loose coupling

Actin; G-F Transformation; Muscle dynamics; Sliding machine (Oosawa, F. (47) 101)

Marquardt-fit

A-U-rich oligoribonucleotides; Ultraviolet absorption spectroscopy; Differential scanning calorimetry; DSC-deconvolution; Loop-formation (Windhab, N. (47) 225)

Melanocyte stimulating hormones

Fluorescence; Quenching; Reverse micelles (Bhattacharyya, K. (47) 21)

Membrane conductance

Self-sustained potential oscillation; Triolein; Aqueous salt solution; Temperature dependence (Urabe, K. (47) 41)

Membrane transport

Kedem-Katchalsky-Zelman model; Rayleigh-Taylor convective instability; Multicomponent electrolyte systems (Ślęzak, A. (47) 139)

Molecular dynamics

Frequency-domain fluorometry; Anisotropy decays; Fluorescence spectroscopy; [Leu⁵] enkephalin (Lakowicz, J.R. (47) 33)

Molecular dynamics simulation

Helix propensity; Free energy perturbation (Komeiji, Y. (47) 113)

Mucus in corneal defense

Polar surface properties; Cell surface interactions; Tear film; Ocular mucus; Dry eyes (Sharma, A. (47) 87)

Multicomponent electrolyte systems

Membrane transport; Kedem-Katchalsky-Zelman model; Rayleigh-Taylor convective instability (Ślęzak, A. (47) 139)

Muscle dynamics

Actin; G-F Transformation; Sliding machine; Loose coupling (Oosawa, F. (47) 101)

Non-classical decoupling

Photosynthesis; Decouplers; Quinic acid complexes; Quinic acid; ATP synthesis inhibition; Chloroplasts (Barba-Behrens, N. (47) 67)

Non-radiative decay

Fluorescence lifetimes; Lens proteins; Crystallins; Tryptophan (Borkman, R.F. (47) 203)

Ocular mucus

Polar surface properties; Cell surface interactions; Tear film; Dry eyes; Mucus in corneal defense (Sharma, A. (47) 87)

Ovalbumin

Human serum albumin; Parvalbumin; Acrylamide binding; Equilibrium dialysis (Punyczki, M. (47) 9)

Parvalbumin

Human serum albumin; Ovalbumin; Acrylamide binding; Equilibrium dialysis (Punyczki, M. (47) 9)

Phase transition and separation

Differential scanning calorimetry; Thermotropic behavior; Glucosyl ceramide-phosphatidylcholine; Liposomes; Gaucher's disease (Bach, D. (47) 77)

Photosynthesis

Decouplers; Quinic acid complexes; Quinic acid; Non-classical decoupling; ATP synthesis inhibition; Chloroplasts (Barba-Behrens, N. (47) 67)

Photosynthetic reaction centra

Conformational gating of electron transfer; Coupled electron and proton transfer; Bridged electron transfer; Electron transfer temperature dependence; *Rhodospseudomonas viridis* (Cartling, B. (47) 123)

Polar surface properties

Cell surface interactions; Tear film; Ocular mucus; Dry eyes; Mucus in corneal defense (Sharma, A. (47) 87)

Polynucleotide structures

Berenil; DNA-drug interactions (Barceló, F. (47) 251)

Principal component analysis

Protein backbone conformation; Classification of three-dimensional structures; Structural code; Four-turn structures (Takahashi, K. (47) 163)

Protein backbone conformation

Classification of three-dimensional structures; Principal component analysis; Structural code; Four-turn structures (Takahashi, K. (47) 163)

Protein fluorescence

p-Bis(*O*-methylstyryl)benzene; Two-photon induced fluorescence; Fluorescence intensity decay (Lakowicz, J.R. (47) 1)

Protein-membrane interactions

Total internal reflection, Fluorescence photobleaching recovery; Translational diffusion; Surface diffusion (Huang, Z. (47) 241)

Quenching

Fluorescence; Reverse micelles; Melanocyte stimulating hormones (Bhattacharyya, K. (47) 21)

Quinic acid

Photosynthesis; Decouplers; Quinic acid complexes; Non-classical decoupling; ATP synthesis inhibition; Chloroplasts (Barba-Behrens, N. (47) 67)

Quinic acid complexes

Photosynthesis; Decouplers; Quinic acid; Non-classical decoupling; ATP synthesis inhibition; Chloroplasts (Barba-Behrens, N. (47) 67)

Quinine-hemin binding

Hemin dimerization; Relaxation kinetics; Antimalarial drug (Gushimana, Y. (47) 153)

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Electrophoretic mobility (Makino, K. (47) 261)

Rayleigh-Taylor convective instability

Membrane transport; Kedem-Katchalsky-Zelman model; Multicomponent electrolyte systems (Ślęzak, A. (47) 139)

Real spectra

Factor analysis; Eigenspectra; Constraints; Absorption spectroscopy; Fluorescence spectroscopy (Chapados, C. (47) 267)

Relaxation kinetics

Quinine-hemin binding; Hemin dimerization; Antimalarial drug (Gushimana, Y. (47) 153)

Reverse micelles

Fluorescence; Quenching; Melanocyte stimulating hormones (Bhattacharyya, K. (47) 21)

Rhodopseudomonas viridis

Conformational gating of electron transfer; Coupled electron and proton transfer; Bridged electron transfer; Electron transfer temperature dependence; Photosynthetic reaction centra (Cartling, B. (47) 123)

Right angle detection

Association of nucleosides; Fluorescence titration; Tryptophan containing tripeptide; Adduct stability constant (Wieczorek, Z. (47) 233)

Rodlike zwitterions

Surface potential (Ohshima, H. (47) 53)

Rotational diffusion

Electrodichroism; Bead model simulations; Flexibility, bending and torsional (Porschke, D. (47) 179)

Self-association

Violamycin; Spectrophotometry; Temperature jump; Anthracycline; Dimerization (Oncescu, T. (47) 277)

Self-sustained potential oscillation

Triolein; Membrane conductance; Aqueous salt solution; Temperature dependence (Urabe, K. (47) 41)

Sliding machine

Actin; G-F Transformation; Muscle dynamics; Loose coupling (Oosawa, F. (47) 101)

Spectrophotometry

Violamycin; Self-association; Temperature jump; Anthracycline; Dimerization (Oncescu, T. (47) 277)

Structural code

Protein backbone conformation; Classification of three-dimensional structures; Principal component analysis; Four-turn structures (Takahashi, K. (47) 163)

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Polar surface properties; Cell surface interactions; Ocular mucus; Dry eyes; Mucus in corneal defense (Sharma, A. (47) 87)

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β -Lactoglobulin; Urea; Alkylurea; UV spectroscopy (Poklar, N. (47) 143)

Thermotropic behavior

Differential scanning calorimetry; Glucosyl ceramide-phosphatidylcholine; Liposomes; Phase transition and separation; Gaucher's disease (Bach, D. (47) 77)

Total internal reflection, Fluorescence photobleaching recovery

Translational diffusion; Surface diffusion; Protein-membrane interactions (Huang, Z. (47) 241)

Translational diffusion

Total internal reflection, Fluorescence photobleaching recovery; Surface diffusion; Protein-membrane interactions (Huang, Z. (47) 241)

Triolein

Self-sustained potential oscillation; Membrane conductance; Aqueous salt solution; Temperature dependence (Urabe, K. (47) 41)

Tritiated water

Chondroitin sulfate-water interaction; Articular cartilage; Flow resistance; Diffusion; Hydraulic conductivity (Lyons, K.C. (47) 61)

Tryptophan

Fluorescence lifetimes; Lens proteins; Crystallins; Non-radiative decay (Borkman, R.F. (47) 203)

Tryptophan containing tripeptide

Association of nucleosides; Fluorescence titration; Right angle detection; Adduct stability constant (Wieczorek, Z. (47) 233)

Two-photon induced fluorescence

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UV spectroscopy

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Water rich region

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