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### **1,2-Dimyristoyl-*sn*-glycero-3-phosphoglycerol (DPMG)**

Polarity profile; Bilayer fluidity; Spin label; Peptide–lipid interaction;  $\alpha$ -Melanocyte stimulating hormone ( $\alpha$ -MSH) (Fernandez, R.M. (87) 87)

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**Cationic lipid**

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**Conformational transitions**

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**Cross-linking**

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**Denaturation / kinetics**

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**Depth-dependent analysis**

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**Dioleoylphosphatidylethanolamine**

Differential scanning calorimetry; X-Ray diffraction; pH-Sensitive liposomes; Antisense oligonucleotide (de Oliveira, M.Cristina. (87) 127)

**DNA**

Conformational transitions; Electroreduction; Singular value decomposition least square analysis; In situ circular dichroism thin layer spectroelectrochemistry (Zhu, Y. (87) 103)

**Electrical equivalent circuit**

Polysialic acid; Membrane transport; Polyanion flux; Polycation flux (Janas, T. (87) 167)

**Electrophoresis**

Protein-RNA complex; Nucleocapsid (Shubsda, M.F. (87) 149)

**Electroreduction**

Singular value decomposition least square analysis; In situ circular dichroism thin layer spectroelectrochemistry; DNA; Conformational transitions (Zhu, Y. (87) 103)

**Enhanced green fluorescent protein**

Green fluorescent protein; Reversed micelles; Reversed micelles; AOT; Relative fluorescence intensities; Water droplets; Time-resolved fluorescence (Uskova, M.A. (87) 73)

**Enzyme kinetics**

Allosteric enzymes; Negative cooperativity; Glutamate dehydrogenase (I. Kurganov, B. (87) 185)

**EPR**

Membranes; Erythrocytes; Hemolysis; Benzocaine; Partition coefficient (de Matos Alves Pinto, L. (87) 215)

**Erythrocytes**

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**Excluded volume**

Macromolecular interactions; Association constants; Concanvalin A; Sedimentation equilibrium; Virial coefficient (Behlke, J. (87) 1)

**Flow-distributed oscillators (FDO)**

Pattern formation; Somitogenesis; Segmentation; Growth; Kinematic phase waves (Kærn, M. (87) 121)

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Circular dichroism; Static light scattering; Chromobacterium viscosum lipase; Thermal stability (Melo, E.P. (87) 111)

**Gaussian**

Depth-dependent analysis; Cross-linking; Benzophenone-based phospholipids (John, B. (87) 37)

**GlnRS**

bis-ANS; Denaturation/kinetics; Aging (Bhattacharyya, A. (87) 201)

**Glutamate dehydrogenase**

Enzyme kinetics; Allosteric enzymes; Negative cooperativity (I. Kurganov, B. (87) 185)

**Green fluorescent protein**

Enhanced green fluorescent protein; Reversed micelles; Reversed micelles; AOT; Relative fluorescence intensities; Water droplets; Time-resolved fluorescence (Uskova, M.A. (87) 73)

**Growth**

Kinematic phase waves; Flow-distributed oscillators (FDO); Pattern formation; Somitogenesis; Segmentation (Kærn, M. (87) 121)

**Hemolysis**

Benzocaine; Partition coefficient; EPR; Membranes; Erythrocytes (de Matos Alves Pinto, L. (87) 215)

**Hexafluoroacetone**

Neurotoxin peptide; Hierarchic model; Protein folding (Khandelwal, P. (87) 139)

**Hierarchic model**

Protein folding; Hexafluoroacetone; Neurotoxin peptide (Khandelwal, P. (87) 139)

**HIV-1**

Molecular area;  $\beta$ -Turn; Langmuir monolayer; Polarization modulated infrared reflection absorption spectroscopy (PMIRRAS); Brewster angle microscopy (BAM) (Taylor, S.E. (87) 63)

**In situ circular dichroism thin layer spectroelectrochemistry**

DNA; Conformational transitions; Electroreduction; Singular value decomposition least square analysis (Zhu, Y. (87) 103)

**Interdigitation**

Lipid bilayer; Local anesthetics; Phase transitions; Vesicle-micelle transition; Bilayer membrane (Hata, T. (87) 25)

**Kinematic phase waves**

Flow-distributed oscillators (FDO); Pattern formation; Somitogenesis; Segmentation; Growth (Kærn, M. (87) 121)

**Langmuir monolayer**

Polarization modulated infrared reflection absorption spectroscopy (PMIRRAS); Brewster angle microscopy (BAM); HIV-1; Molecular area;  $\beta$ -Turn (Taylor, S.E. (87) 63)

**Lattice simulations**

Lysozyme; Protein crystallisation (Kierzek, A.M. (87) 43)

**Lipid bilayer**

Local anesthetics; Phase transitions; Vesicle-micelle transition; Bilayer membrane; Interdigitation (Hata, T. (87) 25)

**Local anesthetics**

Phase transitions; Vesicle-micelle transition; Bilayer membrane; Interdigitation; Lipid bilayer (Hata, T. (87) 25)

**Lysozyme**

Protein crystallisation; Lattice simulations (Kierzek, A.M. (87) 43)

**Macromolecular interactions**

Association constants; Concanavalin A; Sedimentation equilibrium; Virial coefficient; Excluded volume (Behlke, J. (87) 1)

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Polyanion flux; Polycation flux; Electrical equivalent circuit; Polysialic acid (Janas, T. (87) 167)

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**Molecular area**

$\beta$ -Turn; Langmuir monolayer; Polarization modulated infrared reflection absorption spectroscopy (PMIRRAS); Brewster angle microscopy (BAM); HIV-1 (Taylor, S.E. (87) 63)

**Negative cooperativity**

Glutamate dehydrogenase; Enzyme kinetics; Allosteric enzymes (I. Kurganov, B. (87) 185)

**Neurotoxin peptide**

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**Nucleocapsid**

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**Partition coefficient**

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**pH-Sensitive liposomes**

Antisense oligonucleotide; Dioleoylphosphatidylethanolamine; Differential scanning calorimetry; X-Ray diffraction (de Oliveira, M.Cristina. (87) 127)

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Sensory rhodopsin II (sRII); Acid-induced red shift; Reversal of red shift by Cl; Cl binding (Shimono, K. (87) 22)

**Phase transitions**

Vesicle-micelle transition; Bilayer membrane; Interdigitation; Lipid bilayer; Local anesthetics (Hata, T. (87) 25)

**Phosphorescence**

Tryptophan; Oxygen; Acrylamide; Quenching; Protein dynamics (Cioni, P. (87) 15)

**Polarity profile**

Bilayer fluidity; Spin label; Peptide-lipid interaction;  $\alpha$ -Melanocyte stimulating hormone ( $\alpha$ -MSH); 1,2-Dimyristoyl-*sn*-glycero-3-phosphoglycerol (DPMG) (Fernandez, R.M. (87) 87)

**Polarization modulated infrared reflection absorption spectroscopy (PMIRRAS)**

Brewster angle microscopy (BAM); HIV-1; Molecular area;  $\beta$ -Turn; Langmuir monolayer (Taylor, S.E. (87) 63)

**Polyanion flux**

Polycation flux; Electrical equivalent circuit; Polysialic acid; Membrane transport (Janas, T. (87) 167)

**Polycation flux**

Electrical equivalent circuit; Polysialic acid; Membrane transport; Polyanion flux (Janas, T. (87) 167)

**Polysialic acid**

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**Protein crystallisation**

Lattice simulations; Lysozyme (Kierzek, A.M. (87) 43)

**Protein dynamics**

Phosphorescence; Tryptophan; Oxygen; Acrylamide; Quenching (Cioni, P. (87) 15)

**Protein folding**

Hexafluoroacetone; Neurotoxin peptide; Hierarchic model (Khandelwal, P. (87) 139)

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Nucleocapsid; Electrophoresis (Shubsda, M.F. (87) 149)

**Quenching**

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**Relative fluorescence intensities**

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green fluorescent protein; Green fluorescent protein; Reversed micelles; Reversed micelles (Uskova, M.A. (87) 73)

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Cl binding; *Pharaonis* phoborhodopsin (ppR); Sensory rhodopsin II (sRII); Acid-induced red shift (Shimono, K. (87) 225)

**Reversed micelles**

Reversed micelles; AOT; Relative fluorescence intensities; Water droplets; Time-resolved fluorescence; Enhanced green fluorescent protein; Green fluorescent protein (Uskova, M.A. (87) 73)

**Reversed micelles**

Reversed micelles; AOT; Relative fluorescence intensities; Water droplets; Time-resolved fluorescence; Enhanced green fluorescent protein; Green fluorescent protein (Uskova, M.A. (87) 73)

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Virial coefficient; Excluded volume; Macromolecular interactions; Association constants; Concanavalin A (Behlke, J. (87) 1)

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Growth; Kinematic phase waves; Flow-distributed oscillators (FDO); Pattern formation; Somitogenesis (Kærn, M. (87) 121)

**Sensory rhodopsin II (sRII)**

Acid-induced red shift; Reversal of red shift by Cl; Cl binding; *Pharaonis* phoborhodopsin (ppR) (Shimono, K. (87) 225)

**Singular value decomposition least square analysis**

In situ circular dichroism thin layer spectroelectrochemistry; DNA; Conformational transitions; Electroreduction (Zhu, Y. (87) 103)

**Somitogenesis**

Segmentation; Growth; Kinematic phase waves; Flow-distributed oscillators (FDO); Pattern formation (Kærn, M. (87) 121)

**Spectroscopy**

Methyl green; Cationic lipid; Calf thymus DNA; Voltammetry (Wang, Z. (87) 179)

**Spin label**

Peptide-lipid interaction;  $\alpha$ -Melanocyte stimulating hormone ( $\alpha$ -MSH); 1,2-Dimyristoyl-*sn*-glycero-3-phosphoglycerol (DPMG); Polarity profile; Bilayer fluidity (Fernandez, R.M. (87) 87)

**Static light scattering**

*Chromobacterium viscosum* lipase; Thermal stability; Fluorescence; Circular dichroism (Melo, E.P. (87) 111)

**Thermal stability**

Fluorescence; Circular dichroism; Static light scattering; *Chromobacterium viscosum* lipase (Melo, E.P. (87) 111)

**Time-resolved fluorescence**

Green fluorescent protein; Enhanced green fluorescent protein; Reversed micelles; Reversed micelles; AOT; Relative fluorescence intensities; Water droplets (Uskova, M.A. (87) 73)

**Tryptophan**

Oxygen; Acrylamide; Quenching; Protein dynamics; Phosphorescence (Cioni, P. (87) 15)

**Vesicle-micelle transition**

Bilayer membrane; Interdigitation; Lipid bilayer; Local anesthetics; Phase transitions (Hata, T. (87) 25)

**Virial coefficient**

Excluded volume; Macromolecular interactions; Association

constants; Concanvalin A; Sedimentation equilibrium (Behlke, J. (87) 1)

**Voltammetry**

Spectroscopy; Methyl green; Cationic lipid; Calf thymus DNA (Wang, Z. (87) 179)

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Time-resolved fluorescence; Enhanced green fluorescent protein; Green fluorescent protein; Reversed micelles; Reversed micelles; AOT; Relative fluorescence intensities (Uskova, M.A. (87) 73)

**X-Ray diffraction**

pH-Sensitive liposomes; Antisense oligonucleotide; Dioleoylphosphatidylethanolamine; Differential scanning calorimetry (de Oliveira, M.Cristina. (87) 127)