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ATP synthesis

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Catch state

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DNA sequence recognition

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6-Aminopenicillanic acid; Calorimetry; Enthalpy; Equilibrium constant; Gibbs energy; Heat capacity; HPLC; Penicillin acylase; Penicillin G; Thermodynamics (Tewari, Y.B. (29) 245)

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Genetic code

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β_2 -Microglobulin; Protein unfolding; Water/mercury interface; Differential capacitance (Brabec, V. (29) 271)

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Association constant; Light scattering (Zimmerman, J.K. (29) 231)

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Ion channel; Postsynaptic potential; Receptor activation (Gage, P.W. (29) 95)

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 β_2 -Microglobulin

Interfacial properties; Protein unfolding; Water/mercury interface; Differential capacitance (Brabec, V. (29) 271)

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Myosin

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Na⁺ flux

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Na⁺-glutamate cotransport

K⁺; H⁺; Electrogenicity; Rate limitation; Ion channel (Kinne, R. (29) 105)

Neurotransmitter release

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Nucleic acid hydration

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Nucleic base

Nucleic acid hydration; Ultrasound velocity; Apparent molar volume; Apparent molar compressibility; Hydration shell (Buckin, V.A. (29) 283)

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Order parameter

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Protein dynamics

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Thermophilic enzyme

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