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Compressibility and dielectric relaxation of

(8) Kaatze, U. In Dielectric Relaxation in Biological Systems. Physical Principles, Methods and Applications, V. Raicu; Y. Feldman, Eds., Oxford University Press:

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Dielectric relaxation of water and

Dielectric Relaxation of Water and Properties of water in biological systems were studied Cytoplasmic viscosity was determined from the dielectric

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Dielectric Relaxation of Biological Water Dielectric relaxation and NMR spectrum of water in biological systems such as proteins,

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Sep 11, 2015 Book. Title, Dielectric relaxation in biological systems : physical principles, methods, and applications. Author(s), Raicu, Valerica ; Feldman,

1.1 properties of water - anaesthesia mcq

1.1 Properties of Water. in biological systems is is responsible for its large dielectric constant. Water itself dissociates into ions but

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On the existence of bound water in biological

Bound water in biological systems 1665 is clearly due to the dielectric relaxation of unaffected or only slightly disturbed solvent molecules in solution.

New quantitative "reading" of dielectric spectra

New quantitative "reading" of dielectric spectra of complex biological Use of such fitting parameters to describe the total system relaxation processes

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article 239 Protein dynamics in a broad frequency range: Dielectric in Biological Systems: Physical Principles, Methods and Applications V. Raicu, rattling in a cage to structural relaxation S. Khodadadi, A. P. Sokolov Soft Matter 11 4984

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Dielectric spectroscopy and introduces only losses to the system. Interfacial relaxation occurs when charge carriers are Dielectric relaxation

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(1983) Dielectric relaxation in Mechanisms for the interactions between nonstationary electrical fields and biological systems. I. Linear dielectric

Measurement techniques and application of

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On the nonlinear dielectric properties of

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Dynamics, and Function of Biological Systems. Dielectric relaxation in response to charge separation or transfer is a crucial component of protein

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The 9th International Conference on Broadband Dielectric Spectroscopy and its Applications will Raicu and Yuri Feldman has been published: "Dielectric Relaxation in Biological Systems. Physical Principles, Methods, and Applications ".

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On the dielectric relaxation of biological cell

of the membrane of a biological the overall shape of the dielectric relaxation Erythrocyte cell is a biological system whose dielectric

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Radiofrequency dielectric properties of cell

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