DESCRIPTION

Presents the latest ideas and research on molecular hydration and hydration forces, and how they determine the interaction between water molecules and biomaterials surfaces. Consisting of three sections; theoretical aspects, analytical aspects and practical applications, it begins by placing the properties of water in a proper molecular perspective.

The analytical aspects and practical applications offer a complete overview with new insights into the biomaterials/water interface by:

- Discussing the latest approaches to the characterisation of water at interfaces and surface modification of biomaterials

- Examining the problems related to the understanding and characterisation of interfacial water

- Providing new perspectives of the interfacial interactions between materials and the physiological aqueous environment

An invaluable resource for researchers in biomaterials surface science and the biotechnology industry.
ABOUT THE AUTHOR

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