Hydrogen Bonding-new Insights

DOWNLOAD HERE

Characterization of Hydrogen Bonding: From van der Waals interactions to Covalency.- Intramolecular hydrogen bonds. methodologies and strategies for their strength evaluation.- Changes of Electron Properties in the formation of Hydrogen Bonds.- Weak To Strong Hydrogen Bonds.- The Nature Of The C-H X Intermolecular Interactions In Molecular Crystals.- A Theoretical Perspective.- Weak hydrogen bonds involving transition elements.- Contribution Of ChX Hydrogen Bonds To Biomolecular Structure.- Neutral Blue-Shifting and Blue-Shifted Hydrogen BONDS.- Hydrogen-hydrogen bonding: the non-electrostatic limit of closed-shell interaction between two hydrogen atoms.- Potential Energy Shape For The Proton Motion In Hydrogen Bonds Reflected In Infrared And Nmr Spectra.- Molecular Geometry Distant Consequences Of H-Bonding.- Topology of X-ray charge density of hydrogen bonds.- Structure-Property Relations For Hydrogen-Bonded Solids.- Unrevealing the Nature of Hydrogen Bonds: p -electron delocalization shapes h-bond features. EAN/ISBN: 9781402048531 Publisher(s): Springer Netherlands Format: ePub/PDF

DOWNLOAD HERE

Similar manuals: