Perspective on post-menopausal osteoporosis: establishing an interdisciplinary understanding of the sequence of events from the molecular level to whole bone fractures

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Lipid bilayer regulation of membrane protein function: gramicidin channels as molecular force probes

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Analysis of a complete DNA–protein affinity landscape

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Invasion, persistence and control in epidemic models for plant pathogens: the effect of host demography

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Effect of nanoparticulate bioactive glass particles on bioactivity and cytocompatibility of poly(3-hydroxybutyrate) composites


Low-frequency pulsed electromagnetic field exposure can alter neuroprocessing in humans


Use of computational fluid dynamics to study forces exerted on prey by aquatic suction feeders

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Aerodynamic effects of flexibility in flapping wings

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Quantum metabolism explains the allometric scaling of metabolic rates

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Optimal and robust control of invasive alien species spreading in homogeneous landscapes

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Herd immunity acquired indirectly from interactions between the ecology of infectious diseases, demography and economics

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