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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Sir James Lighthill""; ""Biofluidynamics: A survey""; ""Hairy little legs: Feeding, smelling, and swimming at low Reynolds numbers""; ""Disturbance, natural selection, and the prediction of maximal wave-induced forces""; ""Computational modeling of the swimming of biflagellated algal cells""; ""Mechanical approach toward flagellar motility""; ""Mechanical analysis of particle capture by rectangular-mesh nets""; ""Fish as filters: An empirical and mathematical analysis""; ""Computational biofluid dynamics""; ""Acoustic streaming in the ear itself"" ""Computation of incompressible viscous flows through artificial heart devices with moving boundaries""""An implicit numerical method for fluid dynamics problems with immersed elastic boundaries""; ""Continuum models of platelet aggregation: Mechanical properties and chemically-induced phase transitions""; ""Surface-tension instabilities of liquid-lined elastic tubes""; ""Dynamic flow in the nephron: Filtered delay in the TGF pathway""; ""A new finite-difference scheme and its

application to flows in stenosed arteries"; "On aerodynamics and the energetics of vertebrate flapping flight"
"On the significance of unsteady effects in the aerodynamic performance of flying animals""Mechanics and energetics of ground effect in flapping flight"; "Stability of aquatic animal locomotion"; "Lift and drag calculations for wings and tails: Techniques and applications"; "Flow in large blood vessels"; "The mechanics of blood flow in capillaries"; "Unsteady flow in a curved pipe"; "Optimality in biological fluid transport systems"
