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Nota di contenuto	<p>""Cover""; ""Title page""; ""Contents""; ""Preface""; ""Simulating Biofluid-Structure Interactions with an Immersed Boundary Framework a€?A Review""; ""1. Introduction""; ""2. Numerical formulations""; ""3. Recent advances""; ""4. Applications""; ""5. Discussion""; ""6. Summary""; ""References""; ""The Development and Advances of the Immersed Finite Element Method""; ""1. Introduction""; ""2. Kinematics and assumptions""; ""3. The Immersed Finite Element Method""; ""4. Semi-implicit IFEM""; ""5. The Modified IFEM""; ""6. Examples""; ""7. Conclusion""; ""8. Acknowledgement""; ""References""</p> <p>""Simulating Mucociliary Transport Using the Method of Regularized Stokeslets""""1. Introduction""; ""2. Methods""; ""3. Results""; ""4. Conclusions""; ""References""; ""A Regularization Method for the Numerical Solution of Doubly-Periodic Stokes Flow""; ""1. Introduction""; ""2. The Stokeslet""; ""3. Greena€?s Function for Doubly-Periodic Stokes Flow""; ""4. Regularization Method""; ""5. Results""; ""6. Conclusions and Future Studies""; ""References""; ""Dynamics of a primary cilium in time-periodic flows""; ""1. Introduction""; ""2.</p>

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"4. Discussion and Conclusion""Acknowledgments"; "References";

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Viscous Fluid"; "1. Introduction"; "2. Methods"; "3. Results"; "4.

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