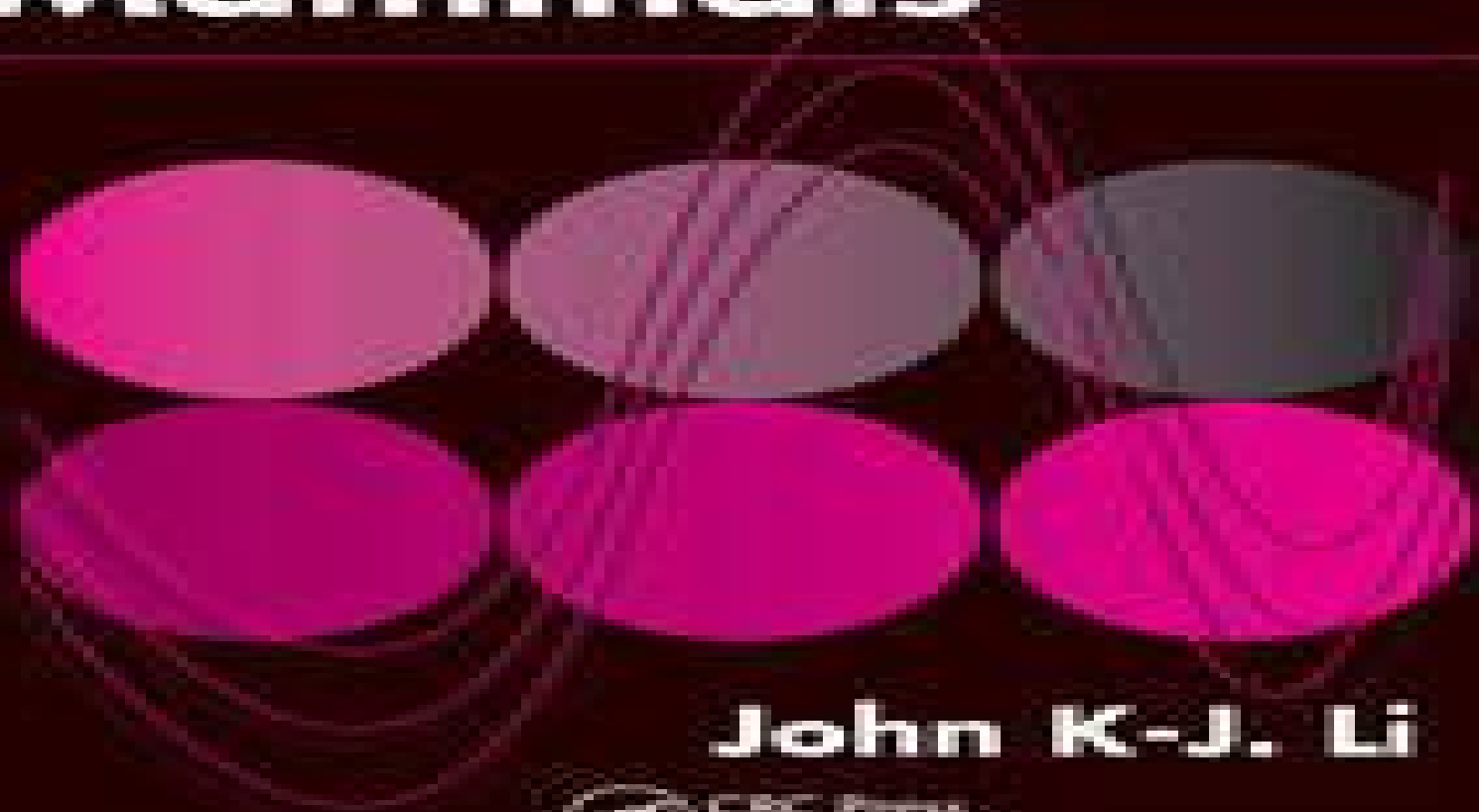


Comparative Cardiovascular Dynamics of Mammals



John K-J. Li



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Comparative Cardiovascular Dynamics Of Mammals

**National Council on Marine Resources
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Applied Biofluid Mechanics Lee Waite, Jerry M. Fine, 2007-04-05 *Improve Your Grasp of Fluid Mechanics in the Human Circulatory System and Develop Better Medical Devices*. *Applied Biofluid Mechanics* features a solid grasp of the role of fluid mechanics in the human circulatory system that will help in the research and design of new medical instruments, equipment, and procedures. Filled with 100 detailed illustrations, the book examines cardiovascular anatomy and physiology, pulmonary anatomy and physiology, hematology, histology, and function of blood vessels, heart valve mechanics, and prosthetic heart valves, stents, pulsatile flow in large arteries, flow and pressure measurement, modeling, and dimensional analysis.

Proceedings of the IEEE Twenty-Second Annual Northeast Bioengineering Conference John K-J. Li, Stanley S. Reisman, 1996 [Research Awards Index](#), 1976 [Subject Index of Current Research Grants and Contracts Administered by the National Heart, Lung and Blood Institute](#) National Heart, Lung, and Blood Institute, 1976 [Research Grants Index](#) National Institutes of Health (U.S.). Division of Research Grants, 1972 **New Books in the Veterinary Medicine Library** Ohio State University. Libraries. Veterinary Medicine Library, 1992 [Applied Biofluid Mechanics, Second Edition](#) Lee Waite, Jerry M. Fine, 2017-07-24 *Up To Date Coverage of Biofluid Mechanics and Applications in Medical Devices*. This thoroughly revised textbook shows how fluid mechanics works in the human circulatory system and offers cutting edge applications in the development and design of medical instruments, equipment, and procedures. *Applied Biofluid Mechanics, Second Edition* examines cardiovascular anatomy and physiology, hematology, blood vessel histology and function, heart valve mechanics, and prosthetic valves, stents, pulsatile flow in large arteries, measurements, dimensional analysis, and more. This edition contains updated information on pulsatile flow modeling and a brand new chapter that explains renal biofluids. The book also features online materials for both students and instructors, including a solutions manual. *Review of biofluid mechanics concepts*. Cardiovascular structure and function. Pulmonary anatomy and physiology and respiration. Hematology.

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