

[DOWNLOAD](#)

## Structure and Function of the Musculoskeletal System (Hardback)

By James Watkins

Human Kinetics Publishers, United States, 2010. Hardback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. This second edition continues from the first edition in that it integrates anatomy and biomechanics to describe the intimate relationship between the structure and function of the musculoskeletal system. The book is organised into two parts. Part 1 examines the functional anatomy of the muscular and skeletal systems, while Part 2 develops the concept of the musculoskeletal system as a machine generating and transmitting forces and the response and adaptation of the musculoskeletal system to loading. Major topics that are covered include, the basic structure and function of the musculoskeletal system, functional anatomy of the skeletal, connective tissue, articular and neuromuscular systems, mechanical concepts and principles that underlie human movement, mechanical characteristics of musculoskeletal components, structural adaptation to loading and etiology of musculoskeletal disorders and injuries. This new edition now benefits from a four colour interior with 693 accurate illustrations of key structures within the musculoskeletal system. The content and references have also been fully revised and updated. The book is intended to be essential for all students interested in understanding the structure and function of the musculoskeletal system.



[READ ONLINE](#)

[ 5.65 MB ]

### Reviews

*It is a single of the most popular publication. It is loaded with wisdom and knowledge I am effortlessly will get a delight of studying a published book.*  
-- **Aisha Swift**

*Extensive guide! Its such a very good read. I really could comprehend almost everything out of this created e book. You will like how the writer write this ebook.*

-- **Katherine Feil**