Metabolism in The Rumen

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Effects of heat stress, sanitary challenges, and feeding behaviour on energy metabolism, and methods and modelling approaches applied to animal nutrition are also part of the book. This makes ‘Energy and protein metabolism and nutrition’ an excellent source of knowledge for those who would like to take animal nutrition into the future.

Ruminants were domesticated in the Middle East about 10,000 years ago and have since become an inseparable part of the human lifestyle. They are also found in soils and natural waters, where they play a part in causing pollution and also in reducing it, while the same organisms confined in artificial systems are essential for the purification of sewage and other waste products. The mechanisms and factors that govern these processes are the subject of current research.

Metabolism in The Rumen (8th edition) is a comprehensive reference for researchers and practitioners in the fields of ruminant nutrition and physiology. It is widely recognized as the most authoritative and up-to-date source of information on the topic. The book is divided into several sections, each of which covers a specific aspect of ruminant metabolism.

Quantitative Aspects of Ruminant Nutrition

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The book's contributors have taken a multidisciplinary approach to the subject, drawing on expertise from fields such as physiology, biochemistry, microbiology, and nutrition. This approach allows for a comprehensive understanding of the complex interactions that underpin ruminant metabolism.

It is an important book for researchers and practitioners in the fields of ruminant nutrition and physiology, as well as for students and educators who wish to gain a deeper understanding of the topic. The book is also useful for those who wish to stay up-to-date with the latest developments in the field.