

Contents

1 Hydrogen Element and Hydrogen Gas	1
Wenwu Liu, Xuejun Sun and Shigeo Ohta	
2 Absorption and Release of Hydrogen Gas in Body	25
Dong Cao, Zhouheng Ye and Wenwu Liu	
3 Biological Safety of Hydrogen	35
Qiang Sun, Wenjie Han and Atsunori Nakao	
4 Detection Techniques for Hydrogen	49
Xiao Zhai, Atsunori Nakao and Xuejun Sun	
5 Selective Antioxidative Effect of Hydrogen	61
Qiang Sun, Wenjie Han and Atsunori Nakao	
6 Therapeutic Effects of Hydrogen on Different Diseases	81
Liren Qian, Jianliang Shen and Xuejun Sun	
7 Methods of Hydrogen Application	99
Liren Qian, Jianliang Shen and Xuejun Sun	
8 Future Directions in Hydrogen Studies	109
Xiao Chen, Xuejun Sun and Shigeo Ohta	



<http://www.springer.com/978-94-017-9690-3>

Hydrogen Molecular Biology and Medicine
Sun, X.; Ohta, S.; Nakao, A. (Eds.)
2015, IX, 117 p. 15 illus., 9 illus. in color., Hardcover
ISBN: 978-94-017-9690-3