

Title	裏表紙 : Contents
Sub Title	
Author	
Publisher	慶應義塾大学体育研究所
Publication year	2017
Jtitle	体育研究所紀要 (Bulletin of the institute of physical education, Keio university). Vol.56, No.1 (2017. 1)
JaLC DOI	
Abstract	
Notes	
Genre	
URL	<a href="https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00135710-00560001-0075">https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00135710-00560001-0075</a>

慶應義塾大学学術情報リポジトリ(KOARA)に掲載されているコンテンツの著作権は、それぞれの著作者、学会または出版社/発行者に帰属し、その権利は著作権法によって保護されています。引用にあたっては、著作権法を遵守してご利用ください。

The copyrights of content available on the KeiO Associated Repository of Academic resources (KOARA) belong to the respective authors, academic societies, or publishers/issuers, and these rights are protected by the Japanese Copyright Act. When quoting the content, please follow the Japanese copyright act.

BULLETIN  
OF  
THE INSTITUTE OF PHYSICAL EDUCATION,  
KEIO UNIVERSITY

---

Vol. 56, No. 1

Jan. 2017

---

CONTENTS

A Study of WTA Tour Strategy among Women's Professional Tennis Players. ....	<i>Toshiaki Sakai</i>	(1)
How does a tennis player's ball speed, ball spin, and racket speed change when the opponent's balls get stronger? .....	<i>Tadashi Muramatsu</i>	(9)
A Survey Regarding the Awareness of Foreign Instructors towards Techniques Utilized in the Judging of Kendo .....	<i>Fumio Ueda Yasumasa Yoshida, Naoya Nagata Norifumi Fukushi</i>	(23)
A comparative study of the team strengths calculated by mathematical and statistical methods and points and winning rate of the Tokyo Big6 Baseball League. ....	<i>Takashi Toriumi Hirohito Watada</i>	(45)
Characteristics of Toe Flexor Muscle Strength of University Female Soccer Players : The Relationship with Stress Fracture of the Fifth Metatarsal Bone .....	<i>Norifumi Fukushi Masafumi Yoshimura Yoshimasa Suda Yukihiro Aoba Yoshihiko Ishihara Yuki Iguchi</i>	(55)
A survey on the use of mouth guards among members of the Keio University Athletic 11 Association .....	<i>Takashi Toriumi Fumihiko Mori Toshiaki Sakai Yoshimasa Suda Koji Kato Yasumasa Yoshida Yasushi Ishide</i>	(61)

---

Edited by

**The Institute of Physical Education, Keio University**

Editorial Communications to be sent to the Editor, the Institute of Physical Education,  
Keio University, Hiyoshi, Kohoku-ku, Yokohama, Japan

(Not for Sale)