## 慶應義塾大学学術情報リポジトリ

Keio Associated Repository of Academic resouces

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	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00135710-00560001-0075

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. 2 0 1 7

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