

2018年 研究業績

全著者名、論文名、掲載誌名、掲載年；巻（号）：ページ番号		
英文原著	1	Okamoto T, and Machida S. Absence of correlation between mRNA expression of muscle-specific E3 ligases and the degree of muscle atrophy in the early stage of immobilization. J Sports Sci., 2018 Mar;36(6):691-696.
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英文原著	3	Miyamoto N, Miyamoto-Mikami E, Hirata K, Kimura N, Fuku N. Association analysis of the ACTN3 R577X polymorphism with passive muscle stiffness and muscle strain injury. Scand J Med Sci Sports.,2018 Mar;28(3):1209-1214.
英文原著	4	Miyamoto N, Hirata K, Miyamoto-Mikami E, Yasuda O, Kanehisa H. Associations of passive muscle stiffness, muscle stretch tolerance, and muscle slack angle with range of motion: individual and sex differences. Sci Rep., 2018 May 29;8(1):8274.
英文原著	5	Yamanaka K, Takagishi M, Kim J, Gouraud SS, Waki H. Bidirectional cardiovascular responses evoked by microstimulation of the amygdala in rats. J Physiol Sci., 2018 May; 68(3): 233-242.
英文原著	6	Sadatsuki R, Ishijima M, Kaneko H, Liu L, Futami I, Hada S, Kinoshita M, Kubota M, Aoki T, Takazawa Y, Ikeda H, Okada Y, Kaneko K. Bone marrow lesion is associated with disability for activities of daily living in patients with early stage knee osteoarthritis. J Bone Miner Metab., 2018 Sep; [Epub ahead of print].
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英文原著	8	Huang MY, Tu CE, Wang SC, Hung YL, Su CC, Fang SH, Chen CS, Liu PL, Cheng WC, Huang YW, Li CY. Corylin inhibits LPS-induced inflammatory response and attenuates the activation of NLRP3 inflammasome in microglia. BMC Complement Altern Med., 2018 Aug; 18(1):221.
英文原著	9	Miyamoto A, Takeshita T, Yanagiya T. Differences in sprinting performance and kinematics between preadolescent boys who are fore/mid and rear foot strikers. PLoS One., 2018 Oct 18;13(10): e0205906.
英文原著	10	Kubota A, Sakuraba K, Araki K, Ishizuka T, Nakaniida A, Suzuki Y. Effects of a facilitating device on pelvic floor muscle contraction during breathing exercises. J Phys Ther Sci., 018 Dec; 30: 1468-1472.
英文原著	11	Hasegawa N, Fujie S, Horii N, Miyamoto-Mikami E, Tsuji K, Uchida M, Hamaoka T, Tabata I, Iemitsu M. Effects of different exercise modes on arterial stiffness and nitric oxide synthesis. Med Sci Sports Exerc., 2018 Jun;50(6):1177-1185.

英文原著	12	Ozaki H, Kubota A, Natsume T, Loenneke JP, Abe T, Machida S, Naito H. Effects of drop sets with resistance training on increases in muscle CSA, strength, and endurance: a pilot study. <i>J Sports Sci.</i> , 2018 Mar; 36(6):691-696.
英文原著	13	Sakamoto A, Naito H, Chow CM. Effects of hyperventilation on repeated pedaling sprint performance: short vs. long intervention duration. <i>J Strength Cond Res.</i> , 2018 Jan; 32(1):170-180.
英文原著	14	Yohishara T, Ozaki H, Nakagata T, Natsume T, Kitada T, Ishihara Y, Deng P, Osawa T, Ishibashi M, Ishijima M, Kobayashi H, Machida S, Naito H. Effects of a progressive walking program for improving locomotive syndrome in elderly Japanese people: A single-arm intervention. <i>J Phys Ther Sci.</i> , 2018 Sep; 30: 1180-1186.
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英文原著	17	Tsuruta A, Horiike T, Yoshimura M, Nakaoka I. Evaluation of the effect of the administration of a glucosamine-containing supplement on biomarkers for cartilage metabolism in soccer players: a randomized double-blind placebo-controlled study. <i>Mol Med Rep.</i> , 2018 Oct;18(4):3941-3948.
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英文原著	21	Nakao T, Kohsaka A, Otsuka T, Thein ZL, Le HT, Waki H, Gouraud SS, Ihara H, Nakanishi M, Sato F, Muragaki Y, Maeda M. Impact of heart-specific disruption of the circadian clock on systemic glucose metabolism in mice. <i>Chronobiol Int.</i> , 2018 Apr; 35(4) 499-510.
英文原著	22	Saita Y, Schoenhuber H, Thiébat G, Ravasio G, Pozzoni R, Panzeri A, Galli M, Nagao M, Takazawa Y, Ikeda H, Kaneko K. Knee hyperextension and a small lateral condyle are associated with greater quantified antero-lateral rotatory instability in the patients with a complete anterior cruciate ligament (ACL) rupture. <i>Knee Surg Sports Traumatol Arthrosc.</i> , 2018 Sep; [Epub ahead of print].
英文原著	23	Sakamoto Y, Okazaki K, Sasaki K, Ueki S, Suzuki K. Long-term discordant fluctuation of chronic stress and immune biomarkers in children and adolescents affected by the Great East Japan earthquake. <i>J Phys Fitness Sports Med.</i> , 2018 Sep; 7(5):279-287.

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英文原著	28	Yoshikawa T, Zempo-Miyaki A, Kumagai H, Myoenzono K, So R, Tsujimoto T, Tanaka K, Maeda S. Relationships between serum free fatty acid and pulse pressure amplification in overweight/obese men: insights from exercise training and dietary modification. J Clin Biochem Nutr., 2018 May; 62(3):254-258.
英文原著	29	Tagawa K, Choi Y, Ra SG, Yoshikawa T, Kumagai H, Maeda S. Resistance training-induced decrease in central arterial compliance is associated with decreased subendocardial viability ratio in healthy young men. Appl Physiol Nutr Metab., 2018 May; 43(5):510-516.
英文原著	30	Tagawa K, Ra SG, Kumagai H, Sawano Y, Yamamoto K, Yoshikawa T, Choi Y, Yoshida Y, Takekoshi K, Maeda S. Resistance training-induced decreases in central arterial compliance is associated with increases in serum thromboxane B2 concentrations in young men. Artery Res., 2018 Sept; 23:63-70.
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英文原著	32	Kumagai H, Tobina T, Ichinoseki-Sekine N, Kakigi R, Tsuzuki T, Zempo H, Shiose K, Yoshimura E, Kumahara H, Ayabe M, Higaki Y, Yamada R, Kobayashi H, Kiyonaga A, Naito H, Tanaka H, Fuku N. Role of selected polymorphisms in determining muscle fiber composition in Japanese men and women. J Appl Physiol., 2018 May; 24(5): 1377-1384.
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英文原著	34	Steele J, Butler A, Comerford Z, Dyer J, Lloyd N, Ward J, Fisher J, Gentil P, Scott C, Ozaki H. Similar acute physiological responses from effort and duration matched leg press and recumbent cycling tasks. PeerJ., 2018 Feb; 28(6): e4403.
英文原著	35	Someya Y, Tamura Y, Kohmura Y, Aoki K, Kawai S, Daida H. Slightly increased BMI at young age is a risk factor for future hypertension in Japanese men. PLoS One., 2018 Jan; 13(1): e0191170.

英文原著	36	Maehana, H, Miyamoto, A, Kiuchi, M, Koshiyama, K, Suzuki, K, Yoshimura, M. The comparison of attacking aspects between the international level and domestic level in amputee soccer tournament. <i>Int. J. Sport Health Sci.</i> , 2018 Jan; 16:1-9.
英文原著	37	Kishimoto K, Sakuraba K, Kubota A, Fujita S. The effect of concentric and eccentric exercise on muscle hardness. <i>Juntendo Medical Journal.</i> , 2018 Dec; 64(5): 371-378.
英文原著	38	Kawanishi N, Funakoshi T, Machida S. Time-course study of macrophage infiltration and inflammation in cast immobilization-induced atrophied muscle of mice. <i>Muscle Nerve.</i> , 2018 Jun;57(6):1006-1013.
英文原著	39	Sakamoto A, Kuroda A, Sinclair PJ, Naito H, Sakuma K. The effectiveness of bench press training with or without throws on strength and shot put distance of competitive university athletes. <i>Eur J Appl Physiol.</i> , 2018 Sep; 118(9): 1821-1830.
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英文原著	41	Iizumi K, Kawasaki H, Shigenaga A, Tominaga M, Otsu A, Kamo A, Kamata Y, Takamori K, Yamakura F. Tryptophan nitration of immunoglobulin light chain as a new possible biomarker for atopic dermatitis. <i>J Clin Biochem Nutr.</i> , 2018 Nov; 63(3):197-204.
英文原著	42	Kumagai H, Yoshikawa T, Zempo-Miyaki A, Myoenzono K, Tsujimoto T, Tanaka K, Maeda S. Vigorous Physical Activity is Associated with Regular Aerobic Exercise-Induced Increased Serum Testosterone Levels in Overweight/Obese Men. <i>Horm Metab Res.</i> , 2018 Jan; 50(1):73-79.
英文原著	43	Kumagai H, Zempo-Miyaki A, Yoshikawa T, Eto M, So R, Tsujimoto T, Nishiyasu T, Tanaka K, Maeda S. Which cytokine is the most related to weight loss-induced decrease in arterial stiffness in overweight and obese men? <i>Endocr J.</i> , 2018 Jan; 65(1):53-61.
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英文総説	1	Yoshihara T, Sugiura T, Shibaguchi T, Naito H. Role of Astaxanthin Supplementation in Prevention of Disuse Muscle Atrophy: A Review. <i>J Phys Fitness Sports Med.</i> 2018.
全著者名、書籍名、出版社名、出版年；巻（号）：ページ番号等		
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英文著書	2	Zempo H, Miyamoto-Mikami E, Fuku N, Murakami H. "Sports, Exercise, and Nutritional Genomics" edited by Barh D and Ahimetov I: Part I. Sports genetics, Chapter 2. Heritability estimates of physical performance related phenotypes. Elsevier, in press

英文著書	3	Kamimura A, Kawata Y, Izutsu S, Shibata N, Hirosawa M. The Impact of Physical Activity Enjoyment on Motor Ability. In: Bagnara S., Tartaglia R., Albolino S., Alexander T., Fujita Y. (eds) Proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018). IEA 2018. Advances in Intelligent Systems and Computing, Vol 819. Springer, Cham; 2019. p. 639-645.
英文著書	4	Kawata Y, Kamimura A, Yamaguchi S, Nakamura M, Izutsu S, Hirosawa M, Shibata N. Impact of Emotion Regulation on Mental Health of Japanese University Athletes. In: Bagnara S., Tartaglia R., Albolino S., Alexander T., Fujita Y. (eds). Proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018). IEA 2018. Advances in Intelligent Systems and Computing, Vol 818. Springer, Cham; 2019. p. 372-382.
全著者名、論文名、掲載誌名、掲載年；巻（号）：ページ番号		
和文原著	1	中里隆之佑, 飯泉恭一, 佐々木啓, 重永綾子, 尾形慎, 青木大地, 三澤義知, 細見修, 久保原禅, ヒト乳がん細胞の増殖と遺伝子発現に対する新規オリゴ糖MeINH ₂ の効果, 順天堂スポーツ健康科学研究, 2018; 9 (1): 1-10
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和文総説	1	沢田 秀司, 町田 修一. 運動生理学からみたエネルギー代謝とスポーツ競技の特性. 臨床栄養, , 2019, 134(2): 159-165.
和文総説	2	深尾宏祐, スポーツと心臓：バスケットボールと心臓, 臨床スポーツ医学, 35: 624-632, 2018
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和文総説	4	石島 旨章, 金子 晴香, 清村 幸雄, 劉 立足, 有田 均, 羽田 晋之介, 青木 孝子, 西尾 啓史, 塩澤 淳, 根岸 義文, 百枝 雅裕, 長尾 雅史, 永山 正隆, 斎田 良知, 高澤 祐治, 池田 浩, 岡田 保典, 黒澤 尚, 金子 和夫.: 変形性膝関節症の運動療法 その意義と実際. ペインクリニック, 2018;39(9): 1215-1228
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和文著書	9	柴田展人 : 高齢者の精神保健 新・精神保健福祉士養成講座 2 第3版 精神保健の課題と支援 (分担執筆) p.112-116中央法規出版, 東京, 2018.
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