

2020年 研究業績

		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	Kidokoro T, Kohmura Y, Fuku N, Someya Y, Suzuki K.	Secular trends in the grip strength and body mass index of sport university students between 1973 and 2016: J-Fit+ study.	J Exerc Sci Fit. 2020; 18(1): 21-30.
英文原著	2	Semenova EA, Miyamoto-Mikami E, Akimov EB, Al-Khelaifi F, Murakami H, Zempo H, Kostyukova ES, Kulemin NA, Larin AK, Borisov OV, Miyachi M, Popov DV, Boulygina EA, Takaragawa M, Kumagai H, Naito H, Pushkarev VP, Dyatlov DA, Lekontsev EV, Pushkareva YE, Andryushchenko LB, Elrayess MA, Generozov EV, Fuku N, Ahmetov II.	The association of HFE gene H63D polymorphism with endurance athlete status and aerobic capacity: novel findings and a meta-analysis.	Eur J Appl Physiol. 2020; 120(3): 665-673.
英文原著	3	Kidokoro T, Fuku N, Yanagiya T, Takeshita T, Takaragawa M, Annear M, Xiaojie T, Waiganjo LB, Bogonko LF, Isika JK, Kigaru MD, Mwangi FM.	Physical Activity and Sedentary Behaviour Patterns among Kenyan and Japanese Children: A Comprehensive Cross-Country Comparison.	Int J Environ Res Public Health. 2020; 17(12): E5245.
英文原著	4	Al-Khelaifi F, Yousri NA, Diboun I, Semenova EA, Kostyukova ES, Kulemin NA, Borisov OV, Andryushchenko LB, Larin AK, Generozov EV, Miyamoto-Mikami E, Murakami H, Zempo H, Miyachi M, Takaragawa M, Kumagai H, Naito H, Fuku N,	Genome-Wide Association Study Reveals a Novel Association Between MYBPC3 Gene Polymorphism, Endurance Athlete Status, Aerobic Capacity and Steroid Metabolism.	Front Genet. 2020; 11: 595.
英文原著	5	Nishida Y, Hara M, Fuku N, Taguchi N, Horita M, Shimanoe C, Higaki Y, Tanaka K.	The interaction between mitochondrial haplogroups (M7a/D) and physical activity on adiponectin in a Japanese population.	Mitochondrion. 2020; 53: 234-242.
英文原著	6	Massidda M, Miyamoto-Mikami E, Kumagai H, Ikeda H, Shimasaki Y, Yoshimura M, Cugia P, Piras F, Scorcu M, Kikuchi N, Calò CM, Fuku N.	Association between the ACE I/D polymorphism and muscle injuries in Italian and Japanese elite football players.	J Sports Sci. 2020; 2: 1-7.
英文原著	7	Yvert T, Miyamoto-Mikami E, Tobina T, Shiose K, Kakigi R, Tsuzuki T, Takaragawa M, Ichinoseki-Sekine N, Pérez M, Kobayashi H, Tanaka H, Naito H, Fuku N.	PPARGC1A rs8192678 and NRF1 rs6949152 Polymorphisms Are Associated with Muscle Fiber Composition in Women.	Genes (Basel). 2020; 11(9): 1012.
英文原著	8	Kumagai H, Miyamoto-Mikami E, Kikuchi N, Kamiya N, Zempo H, Fuku N.	A rs936306 C/T Polymorphism in the CYP19A1 Is Associated With Stress Fractures.	J Strength Cond Res. 2020; [Epub ahead of print].
英文原著	9	Guilherme JPLF, Semenova EA, Zempo H, Martins GL, Lancha Junior AH, Miyamoto-Mikami E, Kumagai H, Tobina T, Shiose K, Kakigi R, Tsuzuki T, Ichinoseki-Sekine N, Kobayashi H, Naito H, Borisov OV, Kostyukova ES, Kulemin NA, Larin AK, Generozov EV, Fuku N, Ahmetov II.	Are Genome-Wide Association Study Identified Single-Nucleotide Polymorphisms Associated With Sprint Athletic Status? A Replication Study With 3 Different Cohorts.	Int J Sports Physiol Perform. 2020; [Epub ahead of print].
英文原著	10	Miyamoto-Mikami E, Kumagai H, Kikuchi N, Kamiya N, Miyamoto N, Fuku N.	eQTL variants in COL22A1 are associated with muscle injury in athletes.	Physiol Genomics. 2020; 52(12): 588-589.

英文原著	11	Yanagiya T, Hata K, Takeshita T, Noro H, Yoshida T, Koyama M, Miyamaoto A.	Athletic Event-Specific Characteristics in Floating Toes during the Static Standing Posture.	J Phys Ther Sci. 2020; 32(5): 342-347.
英文原著	12	Someya Y, Tamura Y, Takeno K, Kakehi S, Funayama T, Furukawa Y, Eshima H, Watanabe K, Kurihara T, Yanagiya T, Kaga H, Suzuki R, Sugimoto D, Kadowaki S, Kawamori R, Watada H.	Decreased Muscle Strength of Knee Flexors is Associated with Impaired Muscle Insulin Sensitivity in Non-Diabetic Middle-Aged Japanese Male Subjects.	Diabetes Ther. 2020; 11(10): 2401-2410.
英文原著	13	Aoki K, Katsumata K, Hirose K, Kohmura Y.	Relationship between competitive and jumping abilities in university track and field athletes.	J. Phys. Educ. Sport . 2020; 20(3):1423-1429.
英文原著	14	Takanashi Y, Kohmura Y, Aoki K.	Effectiveness of explosive sprint and pedaling exercises for physical fitness assessment of throwers.	TRENDS in Sport Sciences. 2020; 27(4): 213-218.
英文原著	15	Ke D, Lu D, Cai G, Zhang J, Wang X, Suzuki K.	Accelerated skeletal maturation is associated with overweight and obesity as early as preschool age: a cross-sectional study.	BMC Pediatrics. 2020; 20(1): 452.
英文原著	16	Hui SS, Zhang R, Suzuki K, Naito H, Balasekaran G, Song JK, Park SY, Liou YM, Lu D, Poh BK, Kijboonchoo K, Thasanasuwan W.	Physical activity and health-related fitness in Asian adolescents: The Asia-fit study.	J Sports Sci. 2020; 38(3): 273-279.
英文原著	17	Maehana H, Kishi H, Suzuki K.	Physical Fitness Measurement Items and Methods for Amputee Soccer Outfield Players.	Juntendo Medical Journal. 2020; 66 (Suppl 1): 88-100.
英文原著	18	Miyamori T, Nagao M, Shimasaki Y, Okazaki T, Akiyoshi N, Nishio H, Takazawa Y, Yoshimura M.	Reliability assessment of the functional movement screen for predicting injury risk in Japanese college soccer players.	J Phys Ther Sci. 2020; 32(12):850-855.
英文原著	19	Tajima T, Takazawa Y, Yamada M, Moriya T, Sato H, Higashihara J, Toyama Y, Chosa E, Nakamura A, Kono I.	Spectator medicine at an international mega sports event: Rugby World Cup 2019 in Japan.	Environ Health Prev Med. 2020; 25(1):72.
英文原著	20	Kobayashi Y, Saita Y, Takaku T, Yokomizo T, Nishio H, Ikeda H, Takazawa Y, Nagao M, Kaneko K, Komatsu N.	Platelet-rich plasma (PRP) accelerates murine patellar tendon healing through enhancement of angiogenesis and collagen synthesis.	J Exp Orthop. 2020; 7(1):49.
英文原著	21	Huang H, Nagao M, Arita H, Nishio H, Kaneko H, Saita Y, Ishijima M, Takazawa Y, Ikeda H, Kaneko K.	Validation and defining the minimal clinically important difference of the Japanese version of the IKDC Subjective Knee Form.	J Orthop Sci. 2020; [Epub ahead of print].

英文原著	22	Takehi S, Tamura Y, Kubota A, Takeno K, Kawaguchi M, Sakuraba K, Kawamori R, Watada H.	Effects of blood flow restriction on muscle size and gene expression in muscle during immobilization: A pilot study.	Physiol Rep. 2020; 8(14):e1451.
英文原著	23	Fujita S, Nagato S, Sakuraba K, Wakamatsu K, Kubota A.	High-speed running influences bone metabolism markers in collegiate male long-distance runner.	Gazz. Med. Ital. Arch. Sci. Med. 2020; 179(4):231-237.
英文原著	24	Nishio H, Saita Y, Takaku T, Kobayashi Y, Takazawa Y, Ikeda H, Kaneko.	Platelet-rich plasma promotes tendon healing through recruitment of monocytes/macrophages and affects the balance of pro-inflammatory/anti-inflammatory monocytes/macrophages.	Regenerative Therapy. 2020; 14: 262-270.
英文原著	25	Araya N, Miyatake K, Tsuji K, Katagiri H, Nakagawa Y, Nishio H, Saita Y, Sekiya I, Koga H.	Intra-articular Injection of Pure Platelet-rich Plasma is the Most Effective for Joint Pain by Modulating Synovial Inflammation and Calcitonin Gene-related Peptide Expression in a Rat Arthritis Model.	Am J Sports Med. 2020; 48(8): 2004-2012.
英文原著	26	Wakayama T, Saita Y, Kobayashi Y, Nishio H, Uchino S, Fukusato S, Ikeda H, Kaneko K.	Quality comparison between two different types of platelet-rich plasma for knee osteoarthritis.	Regenerative medicine research. 2020; 83-3.
英文原著	27	Yamanaka K, Waki H.	Maintenance of blood pressure in emotional context-based autonomic switching by the central nucleus of the amygdala in rats.	Research Square. 2020; PPR244065.(Preprint)
英文原著	28	Fukuo M, Kamagata K, Kuramochi M, Andica C, Tomita H, Waki H, Sugano H, Tange Y, Mitsuhashi T, Uchida W, Takenaka Y, Hagiwara A, Harada M, Goto M, Horii M, Aoki S, Naito H.	Regional brain gray matter volume in world-class artistic gymnasts.	J Physiol Sci. 2020; 70(1):43.
英文原著	29	Kim J, Yamanaka K, Tsukioka K, Waki H.	Potential role of the amygdala and posterior claustrum in exercise intensity-dependent cardiovascular regulation in rats.	Neuroscience. 2020; 432:150-159.
英文原著	30	Andica C, Tomita H, Kamagata K, Uchida W, Murata S, Hagiwara A, Fukuo M, Waki H, Sugano H, Tange Y, Mitsuhashi T, Harada M, Naito H, Horii M, Aoki S.	White matter myelin changes related to long-term intensive training in Japanese world-class gymnasts.	Juntendo Medical Journal. 2020; 66(Suppl.1): 21-28.
英文原著	31	Sakamoto A, Naito H, Chow CM.	Hyperventilation-aided recovery for extra repetitions on bench press and leg press.	J Strength Cond Res.2020; (34)5: 1274-1284.
英文原著	32	Ozaki H, Sawada S, Osawa T, Natsume T, Yoshihara T, Deng P, Machida S, Naito H.	Muscle Size and Strength of the Lower Body in Supervised and in Combined Supervised and Unsupervised Low-Load Resistance Training.	J Sports Sci Med. 2020; 19: 721-726.
英文原著	33	Takehi S, Tamura Y, Takeno K, Ikeda SI, Ogura Y, Saga N, Miyatsuka T, Naito H, Kawamori R, Watada H.	Endurance Runners with Intramyocellular Lipid Accumulation and High Insulin Sensitivity Have Enhanced Expression of Genes Related to Lipid Metabolism in Muscle.	J Clin Med. 2020; 9(12): 3951.

英文原著	34	Ozaki H, Abe T, Dankel SJ, Loenneke JP, Natsume T, Deng P, Naito H.	The measurement of strength in children: is the peak value truly maximal?	Children.2020; 8(1): 9.
英文原著	35	Shen S, Suzuki K, Kohmura Y, Fuku N, Someya Y, Naito H.	Engagement in Different Sport Disciplines During University Years and Risk of Locomotive Syndrome in Older Age: J-Fit+ Study.	Research Square.2020; 1-14.
英文原著	36	Nakada S, Yamashita Y, Machida S, Miyagoe-Suzuki Y, Arikawa-Hirasawa E.	Perlecan Facilitates Neuronal Nitric Oxide Synthase Delocalization in Denervation-Induced Muscle Atrophy.	Cells.2020; 9(11): 2524.
英文原著	37	Nozaki R, Hung YL, Takagi K, Nakano D, Fujii T, Kawanishi N, Okamoto T, Machida S.	Differential protective effects of Radix astragali, herbal medicine, on immobilization-induced atrophy of slow-twitch and fast-twitch muscles.	Biomed Res. 2020; 41(3): 139-148.
英文原著	38	Uda M, Yoshihara T, Ichinoseki-Sekine N, Baba T, Yoshioka T.	Potential roles of neuronal nitric oxide synthase and the PTEN-induced kinase 1 (PINK1)/Parkin pathway for mitochondrial protein degradation in disuse-induced soleus muscle atrophy in adult rats.	PLoS One. 2020; 15(12): e0243660.
英文原著	39	Ogura Y, Kakehashi C, Yoshihara T, Kurosaka M, Kakigi R, Higashida K, Fujiwara SE, Akema T, Funabashi T.	Ketogenic diet feeding improves aerobic metabolism property in extensor digitorum longus muscle of sedentary male rats.	PLoS One. 2020; 15(10): e0241382.
英文原著	40	Deminice R, Hyatt H, Yoshihara T, Ozdemir M, Nguyen B, Levine S, Powers SK.	Human and Rodent Skeletal Muscles Express Angiotensin II Type 1 Receptors.	Cells. 2020; 9(7): 1688.
英文原著	41	Kamimura A, Kawata Y, Raedeke T, Hirosawa M.	Association of athlete burnout with depression among Japanese university athletes.	Juntendo Medical Journal, 2020;66(3): 221-232.
英文原著	42	Nakanishi Y, Sakurai S, Kawata Y, Suzuki Y, Takaya M, Fujita S, Sakuraba K, Hirosawa M, Okada T.	Status of normal weight obesity among Japanese women under 40 years old.	Juntendo Medical Journal, 2020;66(4): 337-345.
英文原著	43	Yamaguchi S, Kawata Y, Nakamura M, Murofushi Y, Hirosawa M, Shibata N.	Development of the revised Japanese athletic hardiness scale for university athletes.	Japanese Journal of Applied Psychology, 2020; 46(2): 158-166.
		著者名	論文名	掲載誌名, 掲載年; 巻(号): ページ番号
英文総説	1	Miyamoto-Mikami E, Fuku N.	Genetics and genomics in sports.	Juntendo Med J, 2020; 66(1): 72-77.
英文総説	2	Yanagiya T, Takeshita T, Noro H, Hata K.	Recent Trends of Marathon Shoes.	Juntendo Med J, 2020; 66 (1): 70-71.

英文総説	3	Kohmura Y.	The Effects of Physical Fitness and Competition Experience on the Performance and Health of Athletes.	Juntendo Med J, 2020; 66 (1)101-107.
英文総説	4	Maehana H, Kishi H, Suzuki K.	Physical Fitness Measurement Items and Methods for Amputee Soccer Outfield Players.	Juntendo Med J. 2020; 66 (1): 88-100.
英文総説	5	Naito H, Shibata N, Takazawa Y, Waki H.	Achievements and prospects of Juntendo University Institute of Health and Sports Science & Medicine.	Juntendo Med J, 2020; 66 (1): 108-113.
英文総説	6	Yoshihara T, Naito H.	Protective effects of acute exercise preconditioning on disuse-induced muscular atrophy in aged muscle: a narrative literature review.	J Physiol Sci, 2020; 70(1): 55.
英文総説	7	Yoshihara T, Machida S, Naito H.	Can Blood Parameters Predict the Risk of Locomotive Syndrome in Middle-Aged and Older Individuals? A Literature Review.	Int J Phys Med Rehabil, 2020; 8(2): 1000546.
英文総説	8	Powers SK, Deminice R, Ozdemir M, Yoshihara T, Bomkamp MP, Hyatt H.	Exercise-induced oxidative stress: Friend or foe?	J Sport Health Sci, 2020; 9(5): 415-425.
		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	岸秀忠, 前鼻啓史, 小峯功一, 鈴木宏哉.	アンブティサッカー競技者における方向転換走パフォーマンスと体格・体力要因の関係.	体育学研究. 2020;65:867-879.
和文原著	2	菅野 範, 安藤 智教, 中禮 宏, 松本 勝, 鈴木 宏哉, 佐々木 玲子, 山下 光輝, 佐藤 勲興, 海老原 京太, 大島 直也, 林 海里, 高橋 優美, 外川 海斗, 吉田 結梨子, 入江 浩一郎, 北 邦宏, 丸山 裕士, 石塚 創也, 青野 博, 上野 俊明	ガム咀嚼トレーニング介入が中学生の咬合力と運動能力に及ぼす影響.	スポーツ歯学. 2020;24(1):12-17.
和文原著	3	井上拓海, 大見頼一, 関大輔, 栗原智久, 金子雅志, 國田泰弘, 川島達宏, 栗山節郎, 星田隆彦, 窪田敦之.	膝前十字靭帯再建術後にHip-focused Injury Prevention Programを導入したリハビリテーションがStar Excursion Balance Testを用いた動的バランス能力に与える影響.	日本臨床スポーツ医学会誌,2020, 28(3):487-495.
和文原著	4	中村美幸, 川田裕次郎, 山口慎史, 広沢正孝, 柴田展人	大学生アスリートにおける学内健康管理施設に対する認識.	順天堂精神医学研究所紀要, 2020; 136-152.
		著者名	論文名	掲載誌名, 掲載年 ; 巻 (号) : ページ番号
和文総説	1	西尾 啓史, 高澤 祐治	トレーナーのためのスポーツ医学講座(第9回) [救急処置と痛みの評価と対応]四肢外傷の救急処置	臨床スポーツ医学 2020; 37(9): 1095-1101
和文総説	2	高澤 祐治, 西尾 啓史	【スポーツ障害によるアスリートの痛みに対するアプローチ～痛みの評価と多彩な治療法～】アスリートの膝・足の痛みに対する整形外科的アプローチ	ペインクリニック2020; 3: 355-361

和文総説	3	齋田良知, 小林洋平, 西尾啓史	アキレス腱障害を克服する 保存療法による克服 アキレス腱障害に対するPRP療法	臨床スポーツ医学, 2020; 37(7): 808 - 812
和文総説	4	齋田良知, 小林洋平, 西尾啓史, 若山 貴則	再生医療とスポーツ医学(第6回) 膝関節外傷・障害に対するPRP療法の実際	臨床スポーツ医学, 2020; 37(6): 718 - 723
和文総説	5	若山貴則, 齋田良知, 小林洋平, 西尾啓史, 内野小百合, 福里晋, 桃井康雅, 池田浩, 金子和夫	整形外科領域のPRP治療:どこまで明らかになったのか(Part3) 変形性膝関節症 外傷後変形性膝関節症に対するPRP療法	Bone Joint Nerve, 2020; 10(2): 219 - 224
和文総説	6	齋田良知, 西尾啓史	整形外科診療における注射(注入)療法のコツ<増刊号>	Monthly Book Orthopaedics, 2020
和文総説	7	香月翔太, 河村剛光, 和気秀文, 山中航	VRサイクリング運動時の競争他者によって誘発される情動変化が運動パフォーマンスおよび自律神経応答に及ぼす影響	映像情報メディア学会技術報告 ITE Technical Report, 2020;44(31), HI2020-74
和文総説	8	山中 航, 和気秀文	運動時の動機づけと情動～線条体と扁桃体に着目して	体育の科学, 2020;70(11):778-782
		著者名	書籍名	出版社名, 出版年, ページ番号等
和文著書	1	内藤久士, 柳谷登志雄, 小林裕幸, 高澤祐治(翻訳)	「パワーズ運動生理学」	メディカルサイエンスインターナショナル, 2020年,1-661.
和文著書	2	河村剛光, 青木和浩	身体能力よりも大事な「目ざから」: なるほど最新スポーツ科学入門. 伊東浩司, 吉田孝久, 青木和浩 編	化学同人, 京都. 2020; 173-180.
和文著書	3	和気秀文, Gouraud Sabine	運動トレーニングによる高血圧改善の機序 – 中枢性機序を中心に. 健康寿命延伸に寄与する体力医学	別冊・医学のあゆみ, 鈴木政登編集, 医歯薬出版株式会社, 2020; 36-42.