

Hiroaki Kanehisa

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

8,064
citations

50566

48
h-index

68831

81
g-index

207
all docs

207
docs citations

207
times ranked

5961
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between thigh muscle cross-sectional areas and single leg stand-up test in Japanese older women. PLoS ONE, 2022, 17, e0269103.	1.1	1
2	Does Intra-abdominal Pressure Have a Causal Effect on Muscle Strength of Hip and Knee Joints?. Journal of Strength and Conditioning Research, 2021, 35, 41-46.	1.0	3
3	Reconstruction of net force fluctuations from surface EMGs of multiple muscles in steady isometric plantarflexion. Experimental Brain Research, 2021, 239, 601-612.	0.7	5
4	Force-velocity relationship profile of elbow flexors in male gymnasts. PeerJ, 2021, 9, e10907.	0.9	3
5	Association between medial gastrocnemius muscle-tendon unit architecture and ankle dorsiflexion range of motion with and without consideration of slack angle. PLoS ONE, 2021, 16, e0248125.	1.1	3
6	Change of Direction Speed Tests in Basketball Players: A Brief Review of Test Varieties and Recent Trends. Frontiers in Sports and Active Living, 2021, 3, 645350.	0.9	10
7	Lower lung-volume level induces lower vertical center of mass position and alters swimming kinematics during front-crawl swimming. Journal of Biomechanics, 2021, 121, 110428.	0.9	4
8	Greater Hamstrings Muscle Hypertrophy but Similar Damage Protection after Training at Long versus Short Muscle Lengths. Medicine and Science in Sports and Exercise, 2021, 53, 825-837.	0.2	27
9	Effects of age and sex on association between toe muscular strength and vertical jump performance in adolescent populations. PLoS ONE, 2021, 16, e0262100.	1.1	3
10	Ground reaction force across the transition during sprint acceleration. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 450-461.	1.3	25
11	Changes in angular momentum during the golf swing and their association with club head speed. International Journal of Performance Analysis in Sport, 2020, 20, 42-52.	0.5	0
12	Suspended Push-up Training Augments Size of not only Upper Limb but also Abdominal Muscles. International Journal of Sports Medicine, 2019, 40, 789-795.	0.8	8
13	External mechanical work done during the acceleration stage of maximal sprint running and its association with running performance. Journal of Experimental Biology, 2019, 222, .	0.8	5
14	Repeated sit-to-stand exercise enhances muscle strength and reduces lower body muscular demands in physically frail elders. Experimental Gerontology, 2019, 116, 86-92.	1.2	12
15	Effects of inspiratory muscle strength and inspiratory resistance on neck inspiratory muscle activation during controlled inspirations. Experimental Physiology, 2019, 104, 556-567.	0.9	4
16	Erratum: 1/4 sè t e - ç ç - € ä 1/4, ä ± • ä f ^ ä f « ä , ä ß ä , ä » è , , s ä 1/4, ä ± • ä f ^ ä f - ä f 1/4 ä « ä ß ä ä , ä 1' é 1/2 ç ä . © ä ß ä , ä » æ € S ä . © ä € ” ä 1/2 “ ä Š , ç S ä 1 ä ç , ç - - 52 ä » ä € , Supp 355-355.	0.0	0
17	Ten-second maximal pedaling power as a representative measure for assessing sprint performance. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1845-1851.	0.4	1
18	Age-Related Differences in Spatiotemporal Variables and Ground Reaction Forces During Sprinting in Boys. Pediatric Exercise Science, 2018, 30, 335-344.	0.5	20

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19	Vertical Impulse as a Determinant of Combination of Step Length and Frequency During Sprinting. <i>International Journal of Sports Medicine</i> , 2018, 39, 282-290.	0.8	21
20	Neuromuscular Adaptations to Work-matched Maximal Eccentric versus Concentric Training. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1629-1640.	0.2	28
21	Associations Between Individual Lower-Limb Muscle Volumes and 100-m Sprint Time in Male Sprinters. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 214-219.	1.1	38
22	Causal effect of intra-abdominal pressure on maximal voluntary isometric hip extension torque. <i>European Journal of Applied Physiology</i> , 2018, 118, 93-99.	1.2	5
23	Association of Sprint Performance With Ground Reaction Forces During Acceleration and Maximal Speed Phases in a Single Sprint. <i>Journal of Applied Biomechanics</i> , 2018, 34, 104-110.	0.3	107
24	Efficacy of downhill running training for improving muscular and aerobic performances. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 403-410.	0.9	14
25	Spatiotemporal and Kinetic Determinants of Sprint Acceleration Performance in Soccer Players. <i>Sports</i> , 2018, 6, 169.	0.7	9
26	Single-joint eccentric knee extension training preferentially trains the rectus femoris within the quadriceps muscles. <i>Translational Sports Medicine</i> , 2018, 1, 212-220.	0.5	4
27	Mechanical interaction between neighboring muscles in human upper limb: Evidence for epimuscular myofascial force transmission in humans. <i>Journal of Biomechanics</i> , 2018, 74, 150-155.	0.9	24
28	Step-to-step spatiotemporal variables and ground reaction forces of intra-individual fastest sprinting in a single session. <i>Journal of Sports Sciences</i> , 2018, 36, 1392-1401.	1.0	39
29	Body shape indices are predictors for estimating fat-free mass in male athletes. <i>PLoS ONE</i> , 2018, 13, e0189836.	1.1	11
30	Acute effect of static stretching on passive stiffness of the human gastrocnemius fascicle measured by ultrasound shear wave elastography. <i>European Journal of Applied Physiology</i> , 2017, 117, 493-499.	1.2	42
31	Reliability and Validity of Kinetic and Kinematic Parameters Determined With Force Plates Embedded Under a Soil-Filled Baseball Mound. <i>Journal of Applied Biomechanics</i> , 2017, 33, 305-310.	0.3	1
32	Associations of maximal voluntary isometric hip extension torque with muscle size of hamstring and gluteus maximus and intra-abdominal pressure. <i>European Journal of Applied Physiology</i> , 2017, 117, 1267-1272.	1.2	10
33	Correlated EMG Oscillations between Antagonists during Cocontraction in Men. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 538-548.	0.2	5
34	Relationship between performances of 10-time-repeated sit-to-stand and maximal walking tests in non-disabled older women. <i>Journal of Physiological Anthropology</i> , 2017, 36, 2.	1.0	17
35	Neck inspiratory muscle activation patterns during well-controlled inspiration. <i>European Journal of Applied Physiology</i> , 2017, 117, 2085-2097.	1.2	5
36	Unintended activity in homologous muscle during intended unilateral contractions increases with greater task difficulty. <i>European Journal of Applied Physiology</i> , 2017, 117, 2009-2019.	1.2	6

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37	Cardiorespiratory and metabolic responses to body mass-based squat exercise in young men. <i>Journal of Physiological Anthropology</i> , 2017, 36, 14.	1.0	5
38	Prevention of downhill walking-induced muscle damage by non-damaging downhill walking. <i>PLoS ONE</i> , 2017, 12, e0173909.	1.1	19
39	Body mass-to-waist ratio strongly correlates with skeletal muscle volume in children. <i>PLoS ONE</i> , 2017, 12, e0177155.	1.1	8
40	Differences in cardiorespiratory and metabolic responses between body mass-based squat and lunge exercises with relation to muscular activity with relation to muscular activity level. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2017, 66, 101-110.	0.0	1
41	Influence of exercising condition and degree of improvement in sit-to-stand power index during a 12-week Chokin exercise program on exercise continuation after one year. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2017, 66, 445-453.	0.0	2
42	Effect of abdominal bracing training on strength and power of trunk and lower limb muscles. <i>European Journal of Applied Physiology</i> , 2016, 116, 1703-1713.	1.2	41
43	Downhill walking training with and without exercise-induced muscle damage similarly increase knee extensor strength. <i>Journal of Sports Sciences</i> , 2016, 34, 2018-2026.	1.0	14
44	Validity of muscle thickness-based prediction equation for quadriceps femoris volume in middle-aged and older men and women. <i>European Journal of Applied Physiology</i> , 2016, 116, 2125-2133.	1.2	19
45	Muscle-specific acute changes in passive stiffness of human triceps surae after stretching. <i>European Journal of Applied Physiology</i> , 2016, 116, 911-918.	1.2	75
46	The Skin Acts to Maintain Muscle Shear Modulus. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 674-682.	0.7	24
47	Effects of school-based squat training in adolescent girls. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 678-83.	0.4	7
48	Progressive, Site-Specific Loss of Muscle Mass in Older, Frail Nursing Home Residents. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 452-459.	0.5	8
49	Influence of Muscle Hypertrophy on the Moment Arm of the Triceps Brachii Muscle. <i>Journal of Applied Biomechanics</i> , 2015, 31, 111-116.	0.3	11
50	Sex difference in age-related changes in knee extensor strength and power production during a 10-times-repeated sit-to-stand task in Japanese elderly. <i>Journal of Physiological Anthropology</i> , 2015, 34, 40.	1.0	12
51	Effect of Abdominal Bracing Training on the Performance of Trunk and Lower Limb Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 544.	0.2	0
52	Protection against Muscle Damage in Downhill Walking by Preconditioning Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 510.	0.2	0
53	Influences of body composition, force-generating capacity and jump performance on 50-m sprint velocity in circumpubertal boys. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2015, 64, 155-164.	0.0	4
54	Validity of Measurement of Shear Modulus by Ultrasound Shear Wave Elastography in Human Pennate Muscle. <i>PLoS ONE</i> , 2015, 10, e0124311.	1.1	93

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55	Evidence for intermuscle difference in slack angle in human triceps surae. <i>Journal of Biomechanics</i> , 2015, 48, 1210-1213.	0.9	64
56	Effects of resistance training under hypoxic conditions on muscle hypertrophy and strength. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 197-202.	0.5	50
57	Difference between adolescent and collegiate baseball pitchers in the kinematics and kinetics of the lower limbs and trunk during pitching motion. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 246-55.	0.7	28
58	Difference in the Recruitment of Hip and Knee Muscles between Back Squat and Plyometric Squat Jump. <i>PLoS ONE</i> , 2014, 9, e101203.	1.1	14
59	Muscular activities during sling- and ground-based push-up exercise. <i>BMC Research Notes</i> , 2014, 7, 192.	0.6	23
60	Age-related change in sit-to-stand power in Japanese women aged 50 years or older. <i>Journal of Physiological Anthropology</i> , 2014, 33, 26.	1.0	17
61	Neuromuscular adaptations following 12-week maximal voluntary co-contraction training. <i>European Journal of Applied Physiology</i> , 2014, 114, 663-673.	1.2	32
62	The contraction-induced increase in Achilles tendon moment arm: A three-dimensional study. <i>Journal of Biomechanics</i> , 2014, 47, 3226-3231.	0.9	13
63	Muscle shear modulus measured with ultrasound shear-wave elastography across a wide range of contraction intensity. <i>Muscle and Nerve</i> , 2014, 50, 103-113.	1.0	142
64	Effect of conditioning contraction intensity on postactivation potentiation is muscle dependent. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 240-245.	0.7	20
65	Maximal Voluntary Co-Contraction Training may not Always be Effective for Some Leg Muscles. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 217-8.	0.7	3
66	Is muscular activity level during abdominal bracing trainable? A comparison study between bodybuilders and non-athletes. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 221-2.	0.7	0
67	Kinematic and Kinetic Profiles of Trunk and Lower Limbs during Baseball Pitching in Collegiate Pitchers. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 742-50.	0.7	44
68	Asymmetry between the Dominant and Non-Dominant Legs in the Kinematics of the Lower Extremities during a Running Single Leg Jump in Collegiate Basketball Players. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 951-7.	0.7	20
69	<i>In vivo</i> measurement of human rectus femoris architecture by ultrasonography: validity and applicability. <i>Clinical Physiology and Functional Imaging</i> , 2013, 33, 267-273.	0.5	50
70	Association between body mass index and muscularity in healthy older Japanese women and men. <i>Journal of Physiological Anthropology</i> , 2013, 32, 4.	1.0	13
71	Intensity-level assessment of lower body plyometric exercises based on mechanical output of lower limb joints. <i>Journal of Sports Sciences</i> , 2013, 31, 894-906.	1.0	16
72	Validity of ultrasound muscle thickness measurements for predicting leg skeletal muscle mass in healthy Japanese middle-aged and older individuals. <i>Journal of Physiological Anthropology</i> , 2013, 32, 12.	1.0	43

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73	Inhomogeneous architectural changes of the quadriceps femoris induced by resistance training. <i>European Journal of Applied Physiology</i> , 2013, 113, 2691-2703.	1.2	121
74	The activation time-course of contractile elements estimated from in vivo fascicle behaviours during twitch contractions. <i>Journal of Sports Sciences</i> , 2013, 31, 1233-1241.	1.0	2
75	The Effects of Ankle Restriction on the Multijoint Coordination of Vertical Jumping. <i>Journal of Applied Biomechanics</i> , 2013, 29, 468-473.	0.3	14
76	Relationship Between Muscle Cocontraction and Proficiency in Whole-Body Sensorimotor Synchronization: A Comparison Study of Street Dancers and Nondancers. <i>Motor Control</i> , 2013, 17, 18-33.	0.3	13
77	Visuomotor process in movement correction. <i>NeuroReport</i> , 2013, 24, 879-883.	0.6	3
78	Effects of Stabilization Training on Trunk Muscularity and Physical Performances in Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 3142-3149.	1.0	32
79	Trainability of Muscular Activity Level during Maximal Voluntary Co-Contraction: Comparison between Bodybuilders and Nonathletes. <i>PLoS ONE</i> , 2013, 8, e79486.	1.1	24
80	Effects of body mass-based squat training in adolescent boys. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 60-5.	0.7	12
81	Trunk muscle activities during abdominal bracing: comparison among muscles and exercises. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 467-74.	0.7	41
82	Neural Modulation of Muscle-Tendon Control Strategy after a Single Practice Session. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1512-1518.	0.2	16
83	Potential of Maximal Voluntary Concentric Torque in Human Quadriceps Femoris. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1738-1746.	0.2	17
84	In Vivo Measurements of Moment Arm Lengths of Three Elbow Flexors at Rest and During Isometric Contractions. <i>Journal of Applied Biomechanics</i> , 2012, 28, 63-69.	0.3	12
85	Cross-sectional area of psoas major muscle and hip flexion strength in youth soccer players. <i>European Journal of Applied Physiology</i> , 2012, 112, 3487-3494.	1.2	14
86	In vivo determination of the Achilles tendon moment arm in three-dimensions. <i>Journal of Biomechanics</i> , 2012, 45, 409-413.	0.9	40
87	Influence of the intensity of a conditioning contraction on the subsequent twitch torque and maximal voluntary concentric torque. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 560-565.	0.7	12
88	Knee extensor strength is associated with Mini-Mental State Examination scores in elderly men. <i>European Journal of Applied Physiology</i> , 2012, 112, 1945-1953.	1.2	26
89	Role of the coordinated activities of trunk and lower limb muscles during the landing-to-jump movement. <i>European Journal of Applied Physiology</i> , 2012, 112, 2223-2232.	1.2	16
90	Fascicle-tendon behavior of the gastrocnemius and soleus muscles during ankle bending exercise at different movement frequencies. <i>European Journal of Applied Physiology</i> , 2012, 112, 887-898.	1.2	18

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91	Association between regional differences in muscle activation in one session of resistance exercise and in muscle hypertrophy after resistance training. <i>European Journal of Applied Physiology</i> , 2012, 112, 1569-1576.	1.2	89
92	Triceps surae muscleâ€“tendon unit length changes as a function of ankle joint angles and contraction levels: The effect of foot arch deformation. <i>Journal of Biomechanics</i> , 2011, 44, 2579-2583.	0.9	31
93	Activity modulations of trunk and lower limb muscles during impact-absorbing landing. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 602-609.	0.7	47
94	Commentaries on Viewpoint: Can muscle size fully account for strength differences between children and adults?. <i>Journal of Applied Physiology</i> , 2011, 110, 1750-1753.	1.2	7
95	Sex Differences in the Cross-sectional Areas of Psoas Major and Thigh Muscles in High School Track and Field Athletes and Nonathletes. <i>Journal of Physiological Anthropology</i> , 2011, 30, 47-53.	1.0	19
96	Methodological Issues Related to Thickness-Based Muscle Size Evaluation. <i>Journal of Physiological Anthropology</i> , 2011, 30, 169-174.	1.0	6
97	Longitudinal and transverse deformation of human Achilles tendon induced by isometric plantar flexion at different intensities. <i>Journal of Applied Physiology</i> , 2011, 110, 1615-1621.	1.2	47
98	Coordination modes in sensorimotor synchronization of whole-body movement: A study of street dancers and non-dancers. <i>Human Movement Science</i> , 2011, 30, 1260-1271.	0.6	64
99	Effect of muscle contraction levels on the forceâ€“length relationship of the human Achilles tendon during lengthening of the triceps surae muscleâ€“tendon unit. <i>Journal of Biomechanics</i> , 2011, 44, 2168-2171.	0.9	17
100	Ultrasound Method for Estimating the Cross-Sectional Area of the Psoas Major Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2000-2004.	0.2	32
101	Sizeâ€“strength relationships of the elbow flexors and extensors are not affected by age or gender. <i>European Journal of Sport Science</i> , 2011, 11, 277-282.	1.4	6
102	Association between Knee Extensor Strength and EMG Activities during Squat Movement. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2328-2334.	0.2	32
103	Profiles of Trunk and Thigh Muscularity in Youth and Professional Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1472-1479.	1.0	27
104	Event-related Differences in the Cross-sectional Areas and Torque Generation Capabilities of Quadriceps Femoris and Hamstrings in Male High School Athletes. <i>Journal of Physiological Anthropology</i> , 2010, 29, 13-21.	1.0	19
105	Development of an equation to predict muscle volume of elbow flexors for men and women with a wide range of age. <i>European Journal of Applied Physiology</i> , 2010, 108, 689-694.	1.2	21
106	Fatigue-induced changes in synergistic muscle force do not match tendon elongation. <i>Journal of Biomechanics</i> , 2010, 43, 1632-1634.	0.9	1
107	Influence of muscle anatomical cross-sectional area on the moment arm length of the triceps brachii muscle at the elbow joint. <i>Journal of Biomechanics</i> , 2010, 43, 2844-2847.	0.9	18
108	Changes in ankle joint stiffness due to stretching: The role of tendon elongation of the gastrocnemius muscle. <i>European Journal of Sport Science</i> , 2010, 10, 111-119.	1.4	51

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109	Passive knee movement-induced modulation of the soleus H-reflex and alteration in the fascicle length of the medial gastrocnemius muscle in humans. <i>Journal of Electromyography and Kinesiology</i> , 2010, 20, 513-522.	0.7	5
110	Effect of countermovement on elbow joint extension powerâ€“load characteristics. <i>Journal of Sports Sciences</i> , 2010, 28, 1535-1542.	1.0	4
111	Muscle volume compared to cross-sectional area is more appropriate for evaluating muscle strength in young and elderly individuals. <i>Age and Ageing</i> , 2009, 38, 564-569.	0.7	133
112	Effects of different duration contractions on elasticity, blood volume, and oxygen saturation of human tendon in vivo. <i>European Journal of Applied Physiology</i> , 2009, 106, 445-455.	1.2	14
113	Balance control under different passive contributions of the ankle extensors: quiet standing on inclined surfaces. <i>Experimental Brain Research</i> , 2009, 196, 537-544.	0.7	50
114	Differences among lower leg muscles in long-term activity during ambulatory condition without any moderate to high intensity exercise. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, e50-e56.	0.7	15
115	Effects of knee joint angle on the fascicle behavior of the gastrocnemius muscle during eccentric plantar flexions. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 980-987.	0.7	24
116	Effect of the hip motion on the body kinematics in the sagittal plane during human quiet standing. <i>Neuroscience Letters</i> , 2009, 450, 27-31.	1.0	50
117	Differences in thigh muscularity and dynamic torque between junior and senior soccer players. <i>Journal of Sports Sciences</i> , 2009, 27, 129-138.	1.0	20
118	The Influence of Fascicle Behavior on the Lack of Velocity Dependence in Eccentric Joint Torque in Humans: In Vivo Observation. <i>Journal of Applied Biomechanics</i> , 2009, 25, 111-118.	0.3	9
119	Sit-to-stand Test to Evaluate Knee Extensor Muscle Size and Strength in the Elderly: A Novel Approach. <i>Journal of Physiological Anthropology</i> , 2009, 28, 123-128.	1.0	111
120	Changes in oxygen consumption of human muscle and tendon following repeat muscle contractions. <i>European Journal of Applied Physiology</i> , 2008, 104, 859-866.	1.2	24
121	Effects of Muscle Cooling on the Stiffness of the Human Gastrocnemius Muscle in vivo. <i>Cells Tissues Organs</i> , 2008, 187, 152-160.	1.3	25
122	In vivo fascicle behavior of synergistic muscles in concentric and eccentric plantar flexions in humans. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 79-88.	0.7	37
123	The Relationship Between Passive Ankle Plantar Flexion Joint Torque and Gastrocnemius Muscle and Achilles Tendon Stiffness: Implications for Flexibility. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2008, 38, 269-276.	1.7	66
124	Age and Sex Differences in the Levels of Muscular Activities during Daily Physical Actions. <i>International Journal of Sport and Health Science</i> , 2008, 6, 169-181.	0.0	12
125	Assessment of Sprinting Abilities Using a Resistant Self-driven Treadmill. <i>International Journal of Sport and Health Science</i> , 2008, 6, 85-90.	0.0	1
126	Effects of Muscle-Tendon Interaction on Force Development in Human Skeletal Muscle in Vivo. <i>Biomechanisms</i> , 2008, 19, 11-22.	0.1	0

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127	Elastic Properties of Human in Vivo Triceps Brachii Tendon. <i>International Journal of Sport and Health Science</i> , 2008, 6, 162-168.	0.0	0
128	Applicability of a segmental bioelectrical impedance analysis for predicting the whole body skeletal muscle volume. <i>Journal of Applied Physiology</i> , 2007, 103, 1688-1695.	1.2	53
129	Age-Related Differences in the Properties of the Plantar Flexor Muscles and Tendons. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 541-547.	0.2	55
130	Effects of Plyometric and Weight Training on Muscle-Tendon Complex and Jump Performance. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1801-1810.	0.2	252
131	In vivo behavior of muscle fascicles and tendinous tissues of human gastrocnemius and soleus muscles during twitch contraction. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 587-595.	0.7	40
132	Larger center of pressure minus center of gravity in the elderly induces larger body acceleration during quiet standing. <i>Neuroscience Letters</i> , 2007, 422, 202-206.	1.0	99
133	Effect of unloading on muscle volume with and without resistance training. <i>Acta Astronautica</i> , 2007, 60, 728-736.	1.7	47
134	In vivo behavior of muscle fascicles and tendinous tissues in human tibialis anterior muscle during twitch contraction. <i>Journal of Biomechanics</i> , 2007, 40, 3114-3120.	0.9	22
135	GASTROCNEMIUS MUSCLE ARCHITECTURE AND EXTERNAL TENDON LENGTH IN YOUNG BOYS. <i>Journal of Biomechanics</i> , 2007, 40, S690.	0.9	4
136	Influences of tendon stiffness, joint stiffness, and electromyographic activity on jump performances using single joint. <i>European Journal of Applied Physiology</i> , 2007, 99, 235-243.	1.2	103
137	Fascicle behavior of medial gastrocnemius muscle in extended and flexed knee positions. <i>Journal of Biomechanics</i> , 2007, 40, 2291-2298.	0.9	26
138	Difference in Abdominal Muscularity at the Umbilicus Level between Young and Middle-aged Men. <i>Journal of Physiological Anthropology</i> , 2007, 26, 527-532.	1.0	9
139	Applicability of segmental bioelectrical impedance analysis for predicting trunk skeletal muscle volume. <i>Journal of Applied Physiology</i> , 2006, 100, 572-578.	1.2	32
140	Effects of Low-Load Resistance Training with Vascular Occlusion on the Mechanical Properties of Muscle and Tendon. <i>Journal of Applied Biomechanics</i> , 2006, 22, 112-119.	0.3	148
141	Influence of the Psoas Major and Thigh Muscularity on 100-m Times in Junior Sprinters. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 2138-2143.	0.2	61
142	Knee-Flexion Torque and Morphology of the Semitendinosus after ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1895-1900.	0.2	37
143	Effects of isometric squat training on the tendon stiffness and jump performance. <i>European Journal of Applied Physiology</i> , 2006, 96, 305-314.	1.2	92
144	Effects of Series Elasticity on the Human Knee Extension Torque-Angle Relationship in Vivo. <i>Research Quarterly for Exercise and Sport</i> , 2006, 77, 408-416.	0.8	10

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145	Effects of Gender on Age-related Changes in Muscle Thickness in the Elderly. <i>International Journal of Sport and Health Science</i> , 2006, 4, 427-434.	0.0	4
146	Gender Differences in Yearly Changes in the Cross-sectional Areas and Dynamic Torques of Thigh Muscles in High School Volleyball Players. <i>International Journal of Sport and Health Science</i> , 2006, 4, 29-35.	0.0	3
147	Difference in aftereffects following prolonged Achilles tendon vibration on muscle activity during maximal voluntary contraction among plantar flexor synergists. <i>Journal of Applied Physiology</i> , 2005, 98, 1427-1433.	1.2	58
148	Elastic properties of human Achilles tendon are correlated to muscle strength. <i>Journal of Applied Physiology</i> , 2005, 99, 665-669.	1.2	98
149	Comparison of Elasticity of Human Tendon and Aponeurosis in Knee Extensors and Ankle Plantar Flexors in Vivo. <i>Journal of Applied Biomechanics</i> , 2005, 21, 129-142.	0.3	22
150	In vivo passive mechanical properties of the human gastrocnemius muscle belly. <i>Journal of Biomechanics</i> , 2005, 38, 1213-1219.	0.9	31
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