

Keyword Index Volume 21 (2013)

1-repetition maximum test	107	exercise tolerance	219
abductor muscle strengthening exercise	95	explosive neuromuscular characteristics	253
acceleration range of motion	253	extremity	227
adolescent soccer player	187	fall risk	151
adult hips	95	field measurement	101
age	57	force production	285, 311
aging	151	functional activity	19
anaerobic capacity	77	grip strength	263
anaerobic power	121	hand-held dynamometry	129
ankle	227	hematologic parameters	247
ankylosing spondylitis	293	hip	175
arthrogenic muscle inhibition	167	hitting	113
back pain	237	holographic theory	273
bilateral	161	ice-hockey	121
bilateral differences	301	intermittent capacity	77
biochemical	247	internal oblique muscle	187
biomechanics	37, 175, 203	involuntary	253
body composition	121	isokinetic	47, 167, 293
brachioradialis	141	isokinetic dynamometer	69
circadian rhythms	279	isokinetic force	279
concentric	161	isokinetic leg	211
core muscle	113	isokinetic strength	11, 77
correlation	69	isokinetics	57, 175
creatine kinase	1	IsoMed 2000	195
cystic fibrosis	219	IsoMed2000-dynamometer	227
diabetes	317	Jamar dynamometer	263
dynamic balance	301	joint position sense	317
dysplastic hips	95	kinematic	151
eccentric contractions	247	kinetics	11, 203
eccentric exercise	1	knee	175
eccentric training	11	knee discomfort	19
electrical stimulation	253	knee extension	181
EMG	151	knee injuries	37
endurance	135, 227	lacrosse	77
energy drink	247	leg muscle strength	107
exercise test	219		

leg press	195	repeatability	311
lower	227	reproducibility	195
lumbar flexibility	237	resistance training	1, 211
		respiratory function tests	219
maximal electrically induced torque	167	responsiveness	129
maximal voluntary isometric contraction (MVIC)	63	rheumatoid arthritis	263
maximum strength testing	195	root mean square	141
measurement	263, 325	rotator cuff strength	47
menstruation	285	rugby	175
modified sphygmomanometer	263	rugby union	37
multivariate regression	83		
muscle	325	shoulder	135
muscle balance	107	soccer	273
muscle fatigue	219	spine stabilization	113
muscle performance	101	sports injury prevention	47
muscle power	181	Star Excursion Balance Test	301
muscle strength	1, 135, 181, 273, 317	strength	29, 129, 211, 325
muscle strength dynamometer	37, 107	strength imbalance	47
musculoskeletal	227	strength training	161
MVC	311	stroke	129
		swimmers	29, 57
neuromuscular electric stimulation	167		
		talent identification	121
oestrogen	285	test-retest design	101
one-repetition maximum test	69	test-retest reliability	227
overhead sports	47	time of day	279
		time to exhaustion	311
parameters	247	torque	151
peak torque	19, 63, 181, 285	transverses abdominis muscle	187
peak torque % body weight	19	triaxial accelerometer	95
pedalling technique	203	triceps	141
performance	83, 203	triceps surae muscle	227
plyometric training	211	trunk extensor	237
positional characteristics	77	trunk flexor	237
postural balance	37, 273	trunk muscle strength	293
power	29, 211		
power assessment	101	ultrasound image	187
power production	101	unilateral	161, 311
practice-based improvement	195	unilateral strength	301
		univariate correlations	83
quadriceps	325		
quadriceps muscle	167	variance	83
		vertical jump	211
range of motion	47, 135	very short-term resistance training (VST)	63
rapid force production	253	VO _{2max}	121
regression analysis	69		
relative torque	301	walking	151