

Keyword Index Volume 33 (2013)

abdominal muscle	605	dysphagia	201
action observation	565		
Ai-Chi	431	early infancy	251
AIS	531	EDSS	293
akinetic-rigid	299	education program	439
ambulation index	107	effect size	611
analgesics	343	elastic tubing band	605
anxiety	337	electric stimulation	67
apraxia	195	electrical stimulation	161
aquatic therapy	431	EMG biofeedback	147
arm- and hand use	413	EMG	491
Armeo®Spring	523	emotional valence (pleasant, unpleasant, neutral)	505
assessment	33, 413	emotions	263
automobile driving	343	endoscopy	201
autonomic control	139	endurance exercise	139
		exercise testing	139
balance	293, 305, 423, 431, 545, 565	exercise therapy	575
behaviors	449	exercise	133, 313
behavior	377	Extracorporeal shock wave therapy	399
biomechanics	481		
Brain injury	473	family functioning	273
Brain injuries	263	fatigue	107, 391
brain plasticity	257	flexibility	313
		flexor and extensor muscle	531
cadence	147	force	185
caregivers	273	functional laterality	201
carer	639	functional Magnetic Resonance Imaging (fMRI)	505
cerebral palsy	25, 113, 513	functional outcome	209
cerebrovascular disease	153	functional status	324
child	513	F-wave	171
chronic	343, 385		
cingulum	257, 465	gait	305, 423, 457, 565
clinically isolated syndrome	423	gait analysis	555
Close and open kinetic chain exercise	177	gait performance	407
cognition	233, 343, 465	gait rehabilitation	77, 99
cognitive ability	667	gait velocity	147
communication	233	gastrostomy	201
contracture	225	gluteus maximus	147
corticospinal tract	13	Gorham's disease	121
critical illness polyneuropathy	329		
critical period	251	heart rate variability	113
cycling	133	heart rate	139
		hemiparesis	41
depression	337	hemiparetic gait	85
detrusor overactivity	329	hemiplegia	391
diffuse axonal injury	257	hippotherapy simulator	407
diffusion tensor imaging	257, 465	hospital anxiety and depression scale	337
diffusion tensor tractography	195	HRQOL	241
disparities	449	HRQOLISP	241
dynamic	225	Huntington's disease	649

hydrocephalus	473	neurorehabilitation	621
hypertonia	531	non-paretic arm exercise	605
		normative values	523
imaging	593		
incomplete spinal cord injury	147	occupational therapy	657
inpatient	285	opioid	343
interactive art	481	oropharyngeal dysphagia	631
interdisciplinary studies	657	orthosis	225
intramuscular fat	161	Outcome assessment (Health Care)	127
		outcome	107
joint position sense	391		
		pain	343
kinematics	58	paraplegia	133
knee	391	paresis	399
		Parkinson's disease	299, 305, 324
level of activity	285	patient compliance	481
limb-kinetic apraxia	195	patient satisfaction	639
locomotion	77	pediatric	25
low frequency stimulation	305	penn scale	531
lower extremity robotics	85	perinatal brain damage	251
lower extremity	67	physical activity	439
		physical therapy	657
magnetic resonance imaging	161	physiotherapy	77, 377
malnutrition	367	post poliomyelitis syndrome	457
manual muscle score	531	post-polio myelitis	127
memory	257, 465	posture	491
mental health outcomes	273	prediction	473
10 meter walk test	324	predictors	209
middle cerebral artery infarction	201	premotor cortex	13
mild cognitive impairment	153	prevention	449
2-Minute walk	285	prognosis	217
6-Minute walk	285	progressive resistance training	177
mirror illusion	593	prolonged robot-assisted training	41
mirror neuron	565	pronation	649
mirror therapy	593	pulse oximetry	631
modified ashworth scale	531		
motor control	185	quality of life	241, 324
motor fatigue	423		
Motor imagery	171	range of motion	313
motor learning	85, 377	recovery	233
motor performance	113	recovery of function	217
motor recovery	13, 195, 621	rehabilitation	33, 107, 121, 127, 153, 185, 209, 263, 285, 299, 367, 385, 399, 473, 491, 513, 555, 639
motorized orthosis	99	rehabilitation robotics	85, 99
movement	481, 593	reliability	241, 337
movement preparation	171	repeated passive movement	391
multiple sclerosis	107, 139, 285, 293, 423, 431, 439, 545, 555	repetitive transcranial magnetic stimulation	185
muscle spasticity	399	resistance direction	605
muscle strength	293, 423, 457	review	611
		risk	449
neuralgic amyotrophy	657	Robot assisted therapy	25
neurogenic	329	robot	13
neuromuscular diseases	481	robot-driven gait orthosis	555
neuronal plasticity	67	robotic device	523
neuroplasticity	385	robotic rehabilitation	523
neuropsychology	343	Robotic therapy	621
neurorehabilitation	3		

robotic training	49, 58	telerehabilitation	545
robotic treadmill training	324	tetraplegia	133
robotics	3, 33, 67, 77	therapy	481
		Timed Up and Go test	324
SCATS	531	timing	49
SCI-SET	531	TMS	49
screening	631	transcranial magnetic stimulation	58, 185, 195, 385
segmental vibration	313	traumatic brain injury	465, 667
self-perceived	413	traumatic	473
self-report	127	treatment outcome	367
sensitivity	631	treatment	611
sitting balance	575	tremor	299
social behaviour	263	trunk	575
social support	639	trunk muscle	407
society	439		
spasms	531	unilateral neglect	611
spasticity	225	upper extremity	225, 385
spasticity severity	531	upper limb rehabilitation	657
spasticity syndrome	531	upper limb	33, 41, 523
specificity	631	urinary bladder	329
speech	305	urinary incontinence	329
spinal cord	121	urinary retention	329
Spinal cord injury	58, 99, 161, 337, 449, 531		
spontaneous recovery	621	validity	241
step length	147	velocity	649
stroke rehabilitation	241, 377	video games	513, 545
stroke	3, 13, 33, 49, 77, 85, 153, 177, 195, 209, 217, 225, 233, 367, 399, 407, 413, 491, 565, 575, 593, 611, 621, 631, 639	virtual reality	481, 513, 545, 667
subacute and chronic spinal cord injury	531	visual functions	251
subacute stroke	41	visual impairment	251
subcutaneous adipose tissue	161	visual stimulation	251
supination	649	3D/2D visual stimuli	505
synergy	491	volume viscosity swallow test	631
systematic review	575	walking	113, 127
		WISCI II	531
TBI	273		
tDCS	49		