CITATION REPORT List of articles citing



DOI: 10.1002/mds.21720 Movement Disorders, 2008, 23, 329-42; quiz 472.

Source: https://exaly.com/paper-pdf/43378697/citation-report.pdf

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1395	Gait and mental function: the interplay between walking, behavior and cognition. 2007, 114, 1241-2		7
1394	Externally provoked freezing of gait in open runways in advanced Parkinson's disease results from motor and mental collapse. 2008 , 115, 1431-6		49
1393	Walking speed during single and dual tasks in Parkinson's disease: which characteristics are important?. <i>Movement Disorders</i> , 2008 , 23, 2312-8	7	67
1392	Can methylphenidate reduce fall risk in community-living older adults? A double-blind, single-dose cross-over study. 2008 , 56, 695-700		58
1391	Executive function and gait in older adults with cognitive impairment. 2008 , 63, 1350-5		93
1390	Does inability to allocate attention contribute to balance constraints during gait in older adults?. 2008 , 63, 1364-9		43
1389	Dual-task decrements in gait: contributing factors among healthy older adults. 2008 , 63, 1335-43		270
1388	Metabolic and nutritional features in adult celiac patients. 2008 , 26, 128-33		26
1387	Guest editorial: linking thinking, walking, and falling. 2008 , 63, 1325-8		63
1386	Gait disorders and balance disturbances in Parkinson's disease: clinical update and pathophysiology. 2008 , 21, 461-71		161
1385	Extracting kinematic parameters for monkey bipedal walking from cortical neuronal ensemble activity. 2009 , 3, 3		142
1384	Control entropy identifies differential changes in complexity of walking and running gait patterns with increasing speed in highly trained runners. 2009 , 19, 026109		23
1383	Hypnotizability and sensorimotor integration: an Italian Space Agency project. 2010 , 58, 122-35		14
1382	Dual-task gait performance among community-dwelling senior women: the role of balance confidence and executive functions. 2009 , 64, 975-82		56
1381	Perceptual inhibition is associated with sensory integration in standing postural control among older adults. 2009 , 64, 569-76		38
1380	Association of muscle strength with the risk of Alzheimer disease and the rate of cognitive decline in community-dwelling older persons. 2009 , 66, 1339-44		224
1379	A cross-sectional and longitudinal study of the relationship between walking speed and cognitive function in community-dwelling elderly people. 2009 , 64, 1058-65		104

(2009-2009)

1378	History of falls in Parkinson disease is associated with reduced cholinergic activity. 2009 , 73, 1670-6		306
1377	Author response to invited commentary by Morris. 2009 , 89, 170-2		O
1376	Can cognitive enhancers reduce the risk of falls in older people with mild cognitive impairment? A protocol for a randomised controlled double blind trial. 2009 , 9, 42		40
1375	Attentional mechanisms contributing to balance constraints during gait: the effects of balance impairments. 2009 , 1248, 59-67		43
1374	When does walking alter thinking? Age and task associated findings. 2009 , 1253, 92-9		87
1373	Fast walking under cognitive-motor interference conditions in chronic stroke. 2009 , 1287, 104-10		43
1372	Does auditory rhythmical cueing improve gait in people with Parkinson's disease and cognitive impairment? A feasibility study. <i>Movement Disorders</i> , 2009 , 24, 839-45	7	91
1371	Deep brain stimulation effects on gait variability in Parkinson's disease. <i>Movement Disorders</i> , 2009 , 24, 1688-92	7	47
1370	Gait adaptations to simultaneous cognitive and mechanical constraints. 2009 , 199, 39-48		38
1369	Dual-tasking and gait in people with mild cognitive impairment. The effect of working memory. 2009 , 9, 41		136
1368	Quantitative gait analysis under dual-task in older people with mild cognitive impairment: a reliability study. 2009 , 6, 35		122
1367	The effect of dual tasks in locomotor path integration. 2009 , 1164, 201-5		14
1366	Stops walking when talking: a predictor of falls in older adults?. 2009 , 16, 786-95		266
1365	Assessing gait impairment following experimental traumatic brain injury in mice. 2009, 176, 34-44		73
1364	The detection and measurement of locomotor deficits in a transgenic mouse model of Huntington's disease are task- and protocol-dependent: influence of non-motor factors on locomotor function. 2009 , 78, 347-55		50
1363	Dual task performance in a healthy young adult population: results from a symmetric manipulation of task complexity and articulation. 2009 , 29, 346-8		20
1362	Dual task performance and changes in gait coordination in elderly geriatric patients: Increased risk for falls?. 2009 , 30, S64-S65		
1361	Self-report of missteps in older adults: a valid proxy of fall risk?. 2009 , 90, 786-92		54

1360	Modality-specific, multitask locomotor deficits persist despite good recovery after a traumatic brain injury. 2009 , 90, 1596-606	24
1359	Mobility and exercise in movement disorders. 2009 , 15 Suppl 3, S46-8	6
1358	Older Adults' Experiences and Perceptions of Dual Tasking. 2010 , 73, 405-412	5
1357	Thinking about walking: effects of conscious correction versus distraction on locomotor adaptation. 2010 , 103, 1954-62	196
1356	Removal of movement artifact from high-density EEG recorded during walking and running. 2010 , 103, 3526-34	416
1355	Effects of instructed focus and task difficulty on concurrent walking and cognitive task performance in healthy young adults. 2010 , 207, 65-73	119
1354	Use of virtual reality technique for the training of motor control in the elderly. Some theoretical considerations. 2010 , 43, 229-34	125
1353	Screening for falls and osteoporosis: prevention practice for the hand therapist. 2010 , 23, 212-28; quiz 229	12
1352	Gait Disturbances in Parkinsonism. 2010 , 526-530	
1351	More automation and less cognitive control of imagined walking movements in high- versus low-fit older adults. 2010 , 2,	36
1350	Dual-task interference: the effects of verbal cognitive tasks on upright postural stability in Parkinson's disease. 2010 , 2010, 696492	35
1349	Efficacy of gaze stability exercises in older adults with dizziness. 2010 , 34, 64-9	47
1348	Executive function, memory, and gait speed decline in well-functioning older adults. 2010 , 65, 1093-100	188
1347	Predictors of response to treadmill exercise in stroke survivors. 2010 , 24, 567-74	47
1346	Attentional demands associated with obstacle crossing while carrying a load. 2011 , 43, 37-44	5
1345	Cognitive load and dual-task performance during locomotion poststroke: a feasibility study using a functional virtual environment. 2010 , 90, 252-60	87
1344	Feeling in control of your footsteps: Conscious gait monitoring and the auditory consequences of footsteps. 2010 , 1, 184-92	41
1343	How does explicit prioritization alter walking during dual-task performance? Effects of age and sex on gait speed and variability. 2010 , 90, 177-86	192

(2011-2010)

1342	Stiffness control of balance during quiet standing and dual task in older adults: the MOBILIZE Boston Study. 2010 , 104, 3510-7	28
1341	Occupational Therapy to Optimise Independence in Parkinson's Disease: The Designing and Recording of a Randomised Controlled Trial Intervention. 2010 , 73, 178-185	10
1340	A syndrome of the dentate nucleus mimicking psychogenic ataxia. 2010 , 290, 183-5	4
1339	Walking behaviour of healthy elderly: attention should be paid. 2010 , 6, 59	45
1338	Dual-task performance reveals increased involvement of executive control in fine motor sequencing in healthy aging. 2010 , 65, 526-35	33
1337	Benefits of cognitive dual-task training on balance performance in healthy older adults. 2010 , 65, 1344-52	132
1336	Can people with Parkinson's disease improve dual tasking when walking?. 2010 , 31, 229-33	95
1335	Community ambulation in older adults: which internal characteristics are important?. 2010 , 91, 378-83	44
1334	Rates and predictors of manual and powered wheelchair use for persons with stroke: a retrospective study in a Canadian rehabilitation center. 2010 , 91, 639-43	18
1333	Executive control deficits as a prodrome to falls in healthy older adults: a prospective study linking thinking, walking, and falling. 2010 , 65, 1086-92	313
1332	Gait biomechanics, spatial and temporal characteristics, and the energy cost of walking in older adults with impaired mobility. 2010 , 90, 977-85	56
1331	The effects of a secondary task on forward and backward walking in Parkinson's disease. 2010 , 24, 97-106	48
1330	Virtual reality for gait training: can it induce motor learning to enhance complex walking and reduce fall risk in patients with Parkinson's disease?. 2011 , 66, 234-40	241
1329	fNIRS study of walking and walking while talking in young and old individuals. 2011, 66, 879-87	269
1328	Upper and lower extremity motor function and cognitive impairment in multiple sclerosis. 2011 , 17, 643-53	97
1327	Effect of mild cognitive impairment on balance. 2011 , 305, 121-5	38
1326	The effects of skill focused instructions on walking performance depend on movement constraints in Parkinson's disease. 2011 , 33, 119-23	2
1325	Dual-task costs for whole trunk movement during gait. 2011 , 33, 712-4	21

1324	Utilising functional MRI (fMRI) to explore the freezing phenomenon in Parkinson's disease. 2011 , 18, 807-10	31
1323	The pathophysiological mechanisms underlying freezing of gait in Parkinson's Disease. 2011 , 18, 1154-7	58
1322	[Cognitive impairment and the risk of falling in the elderly]. 2011 , 46, 311-8	3
1321	Effects of motor and cognitive dual-task performance in depressive elderly, healthy older adults, and healthy young individuals. 2011 , 5, 198-202	6
1320	Poor trail making test performance is directly associated with altered dual task prioritization in the elderlybaseline results from the TREND study. 2011 , 6, e27831	58
1319	Increased cognitive load leads to impaired mobility decisions in seniors at risk for falls. 2011 , 26, 253-9	50
1318	Neural decoding of treadmill walking from noninvasive electroencephalographic signals. 2011 , 106, 1875-87	154
1317	Age-Related Changes in the Auditory Reaction Time of Healthy Elderly Person while Walking. 2011 , 23, 185-188	4
1316	Interest of dual-task-related gait changes in idiopathic normal pressure hydrocephalus. 2011 , 18, 1081-4	21
1315	Activities of daily living and quality of life in persons with newly diagnosed Parkinson's disease according to subtype of disease, and in comparison to healthy controls. 2011 , 123, 20-7	100
1314	Effects of cognitive function on gait and dual tasking abilities in patients with Parkinson's disease suffering from motor response fluctuations. 2011 , 208, 169-79	85
1313	Postural instability and fall risk in Parkinson's disease: impaired dual tasking, pacing, and bilateral coordination of gait during the "ON" medication state. 2011 , 210, 529-38	98
1312	The effect of ageing on multisensory integration for the control of movement timing. 2011 , 213, 291-8	22
1311	Cognitive and cognitive-motor interventions affecting physical functioning: a systematic review. 2011 , 11, 29	112
1310	Falls and falls efficacy: the role of sustained attention in older adults. 2011 , 11, 85	39
1309	The interest of gait markers in the identification of subgroups among fibromyalgia patients. 2011 , 12, 258	15
1309 1308		15 169

1306 Gait alterations in healthy carriers of the LRRK2 G2019S mutation. 2011 , 69, 193-7	113
1305 Cognitive motor interference while walking: a systematic review and meta-analysis. 2011 , 35, 715-28	574
1304 Biology of gait control: vitamin D involvement. 2011 , 76, 1617-22	37
Towards a non-invasive brain-machine interface system to restore gait function in humans. 2011 , 2011, 4588-91	13
1302 Cognitive dysfunction with aging and the role of inflammation. 2011 , 2, 175-95	108
1301 The interplay between gait, falls and cognition: can cognitive therapy reduce fall risk?. 2011 , 11, 1057-75	190
1300 Acute exercise improves cognition in the depressed elderly: the effect of dual-tasks. 2011 , 66, 1553-7	45
1299 Age-related striatal dopaminergic denervation and severity of a slip perturbation. 2011 , 66, 980-5	14
Properties of the 'timed up and go' test: more than meets the eye. 2011 , 57, 203-10	269
Laboration and investigation of a six and the second and sixther and fall accounting 2014 F7 250 C4	
1297 Laboratory review: the role of gait analysis in seniors' mobility and fall prevention. 2011 , 57, 256-64	114
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011, 57, 256-64 2011,	3
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study.	
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011 ,	3
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011 , The impact of depression on dual tasking among patients with high fall risk. 2011 , 24, 142-50	3
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011 , The impact of depression on dual tasking among patients with high fall risk. 2011 , 24, 142-50 Invited commentary. 2011 , 91, 875-7; author reply 877-8 Associations between physical performance and executive function in older adults with mild	3 22 1
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011 , The impact of depression on dual tasking among patients with high fall risk. 2011 , 24, 142-50 Invited commentary. 2011 , 91, 875-7; author reply 877-8 Associations between physical performance and executive function in older adults with mild cognitive impairment: gait speed and the timed "up & go" test. 2011 , 91, 1198-207	3 22 1 170
Treadmill training with Virtual Reality to decrease risk of falls in idiopathic fallers: A pilot Study. 2011, The impact of depression on dual tasking among patients with high fall risk. 2011, 24, 142-50 Invited commentary. 2011, 91, 875-7; author reply 877-8 Associations between physical performance and executive function in older adults with mild cognitive impairment: gait speed and the timed "up & go" test. 2011, 91, 1198-207 Executive function and type 2 diabetes: putting the pieces together. 2012, 92, 454-62	3 22 1 170 21

1288	Temporal relationship between handgrip strength and cognitive performance in oldest old people. 2012 , 41, 506-12	55
1287	Abstracts. 2012 , 75, 1-177	
1286	Impact of subcortical hyperintensities on dual-tasking in Alzheimer disease and aging. 2012 , 26, 28-35	10
1285	The relationship between brain volume and walking outcomes in older adults with and without diabetic peripheral neuropathy. 2012 , 35, 1907-12	40
1284	Gait and risk of falls associated with frontal cognitive functions at different stages of Alzheimer's disease. 2012 , 19, 644-56	47
1283	Age-related deficits of dual-task walking: a review. 2012 , 2012, 131608	175
1282	Brain atrophy and trunk stability during dual-task walking among older adults. 2012, 67, 790-5	36
1281	Alpha oscillations in the pedunculopontine nucleus correlate with gait performance in parkinsonism. 2012 , 135, 148-60	120
1280	Combining movement kinematics, efficiency functions, and Brinley plots to study age-related slowing of sensorimotor processes: insights from Fitts' task. 2012 , 58, 171-80	21
1279	Berry Fruit and Nuts. 2012 , 181-204	1
1279	Association between timed up-and-go and memory, executive function, and processing speed. 2012 , 60, 1681-6	96
,,	Association between timed up-and-go and memory, executive function, and processing speed.	
1278	Association between timed up-and-go and memory, executive function, and processing speed. 2012, 60, 1681-6 Gait patterns in Parkinsonian patients with or without mild cognitive impairment. <i>Movement</i>	96
1278 1277	Association between timed up-and-go and memory, executive function, and processing speed. 2012, 60, 1681-6 Gait patterns in Parkinsonian patients with or without mild cognitive impairment. <i>Movement Disorders</i> , 2012, 27, 1536-43 Examining the relationship between specific cognitive processes and falls risk in older adults: a	96 52
1278 1277 1276	Association between timed up-and-go and memory, executive function, and processing speed. 2012, 60, 1681-6 Gait patterns in Parkinsonian patients with or without mild cognitive impairment. Movement Disorders, 2012, 27, 1536-43 Examining the relationship between specific cognitive processes and falls risk in older adults: a systematic review. 2012, 23, 2409-24 Assessing fall risk using wearable sensors: a practical discussion. A review of the practicalities and challenges associated with the use of wearable sensors for quantification of fall risk in older	96 52 78
1278 1277 1276 1275	Association between timed up-and-go and memory, executive function, and processing speed. 2012, 60, 1681-6 Gait patterns in Parkinsonian patients with or without mild cognitive impairment. Movement Disorders, 2012, 27, 1536-43 Examining the relationship between specific cognitive processes and falls risk in older adults: a systematic review. 2012, 23, 2409-24 Assessing fall risk using wearable sensors: a practical discussion. A review of the practicalities and challenges associated with the use of wearable sensors for quantification of fall risk in older people. 2012, 45, 694-706	96 52 78 42
1278 1277 1276 1275	Association between timed up-and-go and memory, executive function, and processing speed. 2012, 60, 1681-6 Gait patterns in Parkinsonian patients with or without mild cognitive impairment. Movement Disorders, 2012, 27, 1536-43 Examining the relationship between specific cognitive processes and falls risk in older adults: a systematic review. 2012, 23, 2409-24 Assessing fall risk using wearable sensors: a practical discussion. A review of the practicalities and challenges associated with the use of wearable sensors for quantification of fall risk in older people. 2012, 45, 694-706 Assessment of dual tasking has no clinical value for fall prediction in Parkinson® disease. 2012, 259, 1840-7 The association between walking ability and falls in elderly Japanese living in the community using	96 52 78 42 46

(2012-2012)

1270	Relationships between motor aspects of gait impairments and activity limitations in people with Parkinson's disease: a systematic review. 2012 , 18, 117-24	53
1269	Resting-state brain connectivity in patients with Parkinson's disease and freezing of gait. 2012 , 18, 781-7	177
1268	A training program to improve gait while dual tasking in patients with Parkinson's disease: a pilot study. 2012 , 93, 176-81	94
1267	Dual-task complexity affects gait in people with mild cognitive impairment: the interplay between gait variability, dual tasking, and risk of falls. 2012 , 93, 293-9	229
1266	Contributions of cognitive function to straight- and curved-path walking in older adults. 2012 , 93, 802-7	52
1265	Agency, gait and self-consciousness. 2012 , 83, 191-9	34
1264	Gait assessment in mild cognitive impairment and Alzheimer's disease: the effect of dual-task challenges across the cognitive spectrum. 2012 , 35, 96-100	203
1263	Gait and cognition: the relationship between gait stability and variability with executive function in persons with and without dementia. 2012 , 35, 126-30	176
1262	One walk a year to 1000 within a year: continuous in-home unobtrusive gait assessment of older adults. 2012 , 35, 197-202	113
1261	Cell phones change the way we walk. 2012 , 35, 688-90	141
	Cell phones change the way we walk. 2012 , 35, 688-90 Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012 , 35, 641-6	141 51
1260	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012 , 35, 641-6 Community-dwelling people with chronic stroke need disproportionate attention while walking and	51
1260 1259	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012 , 35, 641-6 Community-dwelling people with chronic stroke need disproportionate attention while walking and negotiating obstacles. 2012 , 36, 127-32	51 46
1260 1259 1258	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012 , 35, 641-6 Community-dwelling people with chronic stroke need disproportionate attention while walking and negotiating obstacles. 2012 , 36, 127-32 Socio-inspired ICT. 2012 , 214, 401-434 A cognitive-motor intervention using a dance video game to enhance foot placement accuracy and	51 46 11
1260 1259 1258 1257	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012, 35, 641-6 Community-dwelling people with chronic stroke need disproportionate attention while walking and negotiating obstacles. 2012, 36, 127-32 Socio-inspired ICT. 2012, 214, 401-434 A cognitive-motor intervention using a dance video game to enhance foot placement accuracy and gait under dual task conditions in older adults: a randomized controlled trial. 2012, 12, 74 Gait and cognition: a complementary approach to understanding brain function and the risk of	51 46 11
1260 1259 1258 1257 1256	Effects of explicit prioritization on dual task walking in patients with Parkinson's disease. 2012, 35, 641-6 Community-dwelling people with chronic stroke need disproportionate attention while walking and negotiating obstacles. 2012, 36, 127-32 Socio-inspired ICT. 2012, 214, 401-434 A cognitive-motor intervention using a dance video game to enhance foot placement accuracy and gait under dual task conditions in older adults: a randomized controlled trial. 2012, 12, 74 Gait and cognition: a complementary approach to understanding brain function and the risk of falling. 2012, 60, 2127-36 Modality-specific communication enabling gait synchronization during over-ground side-by-side	51 46 11 107 520

1252	Effect of dual-tasking on the center of pressure trajectory at gait initiation in elderly fallers and non-fallers. 2012 , 24, 152-6	16
1251	Mild cognitive impairment as a predictor of falls in community-dwelling older people. 2012 , 20, 845-53	125
1250	Use of motor abundance in young and older adults during dual-task treadmill walking. 2012 , 7, e41306	24
1249	Risk of falls in Parkinson's disease: a cross-sectional study of 160 patients. 2012 , 2012, 362572	39
1248	Cognitive rehabilitation for executive dysfunction in Parkinson's disease: application and current directions. 2012 , 2012, 512892	30
1247	A review of dual-task walking deficits in people with Parkinson's disease: motor and cognitive contributions, mechanisms, and clinical implications. 2012 , 2012, 918719	158
1246	Anlise multifatorial do perfil de idosos ativos com histlia de quedas. 2012 , 15, 693-706	2
1245	Separate physical tests of lower extremities and postural control are associated with cognitive impairment. Results from the general population study Good Aging in Skile (GB-SNAC). 2012 , 7, 195-205	19
1244	The relation of falls to fatigue, depression and daytime sleepiness in Parkinson's disease. 2012 , 67, 326-30	22
1243	Motor signs in the prodromal phase of Parkinson's disease. <i>Movement Disorders</i> , 2012 , 27, 627-33	54
1242	The multiple dimensions of frailty: physical capacity, cognition, and quality of life. 2012 , 24, 1429-36	90
1241	Decoding intra-limb and inter-limb kinematics during treadmill walking from scalp electroencephalographic (EEG) signals. 2012 , 20, 212-9	79
1240	Gait control: a specific subdomain of executive function?. 2012 , 9, 12	79
1239	Do we always prioritize balance when walking? Towards an integrated model of task prioritization. **Movement Disorders*, 2012 , 27, 765-70 7	172
1238	[Gait changes as an early indicator of dementia]. 2012, 45, 40-4	9
1237	Multimodal exercise intervention improves frontal cognitive functions and gait in Alzheimer's disease: a controlled trial. 2013 , 13, 198-203	74
1236	Meta-analysis of type and complexity of a secondary task during walking on the prediction of elderly falls. 2013 , 13, 289-97	47
1235	Impact of sub-thalamic nucleus deep brain stimulation on dual tasking gait in Parkinson's disease. 2013 , 10, 38	9

(2013-2013)

1234	The contribution of postural control and bilateral coordination to the impact of dual tasking on gait. 2013 , 226, 81-93		54
1233	A profile for predicting attrition from exercise in older adults. 2013 , 14, 489-96		15
1232	Risk factors for falls among older adults: a review of the literature. 2013 , 75, 51-61		802
1231	Association of executive function impairment, history of falls and physical performance in older adults: a cross-sectional population-based study in eastern France. 2013 , 17, 661-5		20
1230	Functional gait rehabilitation in elderly people following a fall-related hip fracture using a treadmill with visual context: design of a randomized controlled trial. 2013 , 13, 34		26
1229	V-TIME: a treadmill training program augmented by virtual reality to decrease fall risk in older adults: study design of a randomized controlled trial. 2013 , 13, 15		97
1228	Characterization of cognitive and motor performance during dual-tasking in healthy older adults and patients with Parkinson's disease. 2013 , 260, 580-9		58
1227	Dual task performance in Parkinson's disease: a sensitive predictor of impairment and disability. 2013 , 19, 325-8		37
1226	Gait disorders. 2013 , 110, 133-43		7
1225	Neurorehabilitation in Parkinson disease. 2013 , 110, 435-42		22
1224	Executive function orchestrates regulation of task-relevant gait fluctuations. 2013 , 38, 537-40		17
1223	Cognitive processing speed has minimal influence on the construct validity of Multiple Sclerosis Walking Scale-12 scores. 2013 , 335, 169-73		16
1223		7	16 123
	Walking Scale-12 scores. 2013 , 335, 169-73 Framework for understanding balance dysfunction in Parkinson's disease. <i>Movement Disorders</i> ,	7	
1222	Walking Scale-12 scores. 2013, 335, 169-73 Framework for understanding balance dysfunction in Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 1474-82 The influence of dual-task conditions on movement in young adults with and without Down	7	123
1222	Walking Scale-12 scores. 2013, 335, 169-73 Framework for understanding balance dysfunction in Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 1474-82 The influence of dual-task conditions on movement in young adults with and without Down syndrome. 2013, 34, 3517-25 Cognitive-motor interference during functional mobility after stroke: state of the science and	7	123
1222 1221 1220	Walking Scale-12 scores. 2013, 335, 169-73 Framework for understanding balance dysfunction in Parkinson's disease. Movement Disorders, 2013, 28, 1474-82 The influence of dual-task conditions on movement in young adults with and without Down syndrome. 2013, 34, 3517-25 Cognitive-motor interference during functional mobility after stroke: state of the science and implications for future research. 2013, 94, 2565-2574.e6	7	123 29 140

1216	Using the Timed Up & Go test in a clinical setting to predict falling in Parkinson's disease. 2013 , 94, 1300-5	93
1215	Structural and functional brain changes related to different types of physical activity across the life span. 2013 , 37, 2268-95	241
1214	Dual-task related gait changes after CSF tapping: a new way to identify idiopathic normal pressure hydrocephalus. 2013 , 10, 117	31
1213	Frailty and cognition: linking two common syndromes in older persons. 2013 , 17, 723-5	33
1212	Motor dual-task effect on gait and task of upper limbs in older adults under specific task prioritization: pilot study. 2013 , 25, 99-106	22
1211	Effects of complementary auditory feedback in robot-assisted lower extremity motor adaptation. 2013 , 21, 775-86	29
121 0	Clinical experience using a 5 week treadmill training program with virtual reality to enhance gait. 2013 ,	3
1209	Influence of the cognitive impairment level on the performance of the Timed "Up & Go" Test (TUG) in elderly institutionalized people. 2013 , 56, 44-9	15
1208	A systems biology approach to studying Tai Chi, physiological complexity and healthy aging: design and rationale of a pragmatic randomized controlled trial. 2013 , 34, 21-34	43
1207	Benefits of regular aerobic exercise for executive functioning in healthy populations. 2013 , 20, 73-86	237
1207 1206	Benefits of regular aerobic exercise for executive functioning in healthy populations. 2013 , 20, 73-86 Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013 , 38, S46-S47	237
<u> </u>	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with	237
1206	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013 , 38, S46-S47 Cognitive-motor interference during postural control indicates at-risk cerebellar profiles in females	
1206	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013 , 38, S46-S47 Cognitive-motor interference during postural control indicates at-risk cerebellar profiles in females with the FMR1 premutation. 2013 , 253, 329-36	21
1206 1205 1204	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013 , 38, S46-S47 Cognitive-motor interference during postural control indicates at-risk cerebellar profiles in females with the FMR1 premutation. 2013 , 253, 329-36 Use of mobility aids reduces attentional demand in challenging walking conditions. 2013 , 37, 287-9	21
1206 1205 1204 1203	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013, 38, S46-S47 Cognitive-motor interference during postural control indicates at-risk cerebellar profiles in females with the FMR1 premutation. 2013, 253, 329-36 Use of mobility aids reduces attentional demand in challenging walking conditions. 2013, 37, 287-9 Dual tasking affects lateral trunk control in healthy younger and older adults. 2013, 38, 830-6 The impact of peripheral neuropathy and cognitive decrements on gait in older adults with type 2	21 9 33
1206 1205 1204 1203	Cognitive and motor dual-tasking affects spatio-temporal gait characteristics in subjects with Parkinson's disease. 2013, 38, S46-S47 Cognitive-motor interference during postural control indicates at-risk cerebellar profiles in females with the FMR1 premutation. 2013, 253, 329-36 Use of mobility aids reduces attentional demand in challenging walking conditions. 2013, 37, 287-9 Dual tasking affects lateral trunk control in healthy younger and older adults. 2013, 38, 830-6 The impact of peripheral neuropathy and cognitive decrements on gait in older adults with type 2 diabetes mellitus. 2013, 94, 1074-9	21 9 33 27

1198 The complex interplay of depression and falls in older adults: a clinical review. 2013 , 21, 484-92	127
1197 Effect of rhythmic auditory cueing on gait in people with Alzheimer disease. 2013 , 94, 718-24	24
1196 Levodopa-resistant freezing of gait and executive dysfunction in Parkinson's disease. 2013 , 69, 28	11-8 16
Slow gait in MCI is associated with ventricular enlargement: results from the Gait and Brain Study 2013 , 120, 1083-92	25
The spectrum of preclinical gait disorders in early Parkinson's disease: subclinical gait abnormaliti and compensatory mechanisms revealed with dual tasking. 2013 , 120, 1665-72	es ₂₆
The effects of a home-based instructional program aimed at improving frontal plane knee biomechanics during a jump-landing task. 2013 , 43, 486-94	9
Effect of a vocal choice reaction time task on the kinematics of the first recovery step after a sudden underfoot perturbation during gait. 2013 , 37, 61-6	8
1191 Involvement of specific executive functions in mobility in Parkinson's disease. 2013 , 19, 126-8	21
1190 Aging, the central nervous system, and mobility. 2013 , 68, 1379-86	160
Different motor tasks impact differently on cognitive performance of older persons during dual task tests. 2013 , 28, 692-6	39
The effects of aging on the attentional demands of walking toward and stepping up onto a curb. 2013 , 38, 198-202	8
Asymmetric pedunculopontine network connectivity in parkinsonian patients with freezing of gai 2013 , 136, 2405-18	t. 165
Brain activation during dual-task walking and executive function among older adults with mild cognitive impairment: a fNIRS study. 2013 , 25, 539-44	98
$_{ m 1185}$ Gray matter atrophy distinguishes between Parkinson disease motor subtypes. 2013 , 80, 1476-84	105
Age-related differences in cognitive function for interlimb coordination during split-belt walking: pilot study. 2013 , 30, 56-63	a 3
1183 Mind-wandering and falls risk in older adults. 2013 , 28, 685-691	14
Tasks matter: a cross-sectional study of the relationship of cognition and dual-task performance in older adults. 2013 , 36, 115-22	n 13
Influence of educational status on executive function and functional balance in individuals with Parkinson disease. 2013 , 26, 6-13	13

1180	Cognitive function, gait, and gait variability in older people: a population-based study. 2013 , 68, 726-32	129
1179	Effect of single dose methylphenidate on walking and postural stability under single- and dual-task conditions in older adultsa double-blind randomized control trial. 2013 , 68, 1271-80	13
1178	What links gait speed and MCI with dementia? A fresh look at the association between motor and cognitive function. 2013 , 68, 409-11	58
1177	Age-related decline in divided-attention: from theoretical lab research to practical real-life situations. 2013 , 4, 623-640	28
1176	The Association of Gait Disturbance and Cognitive Impairment. 2013 , 12, 94	3
1175	A randomized controlled pilot study assessing the feasibility of combined motor-cognitive training and its effect on gait characteristics in the elderly. 2013 , 27, 215-25	28
1174	Dual-task training for balance and mobility in a person with severe traumatic brain injury: a case study. 2013 , 37, 37-43	14
1173	Limited health literacy and decline in executive function in older adults. 2013 , 18 Suppl 1, 143-57	14
1172	Falls risk and simulated driving performance in older adults. 2013 , 2013, 356948	9
1171	White matter hyperintensities, exercise, and improvement in gait speed: does type of gait rehabilitation matter?. 2013 , 61, 686-93	16
1170	Managing critical incidents in grocery shopping by community-living people with Alzheimer's disease. 2013 , 20, 292-301	23
1169	Measurement of brain activation during an upright stepping reaction task using functional near-infrared spectroscopy. 2013 , 34, 2817-28	33
1168	Deliberation's blindsight: how cognitive load can improve judgments. 2013 , 24, 869-79	28
1167	Variance between walking speed and neuropsychological test scores during three gait tasks across the Irish Longitudinal study on Aging (TiLDA) dataset. 2013 , 2013, 6921-4	3
1166	Comparison of walking parameters obtained from the young, elderly and adults with support. 2013 , 16, 1202-12	3
1165	Prefrontal Cortex Activity During Walking While Multitasking: An fNIR Study. 2013 , 57, 1224-1228	10
1164	Gait ataxiaspecific cerebellar influences and their rehabilitation. <i>Movement Disorders</i> , 2013 , 28, 1566-757	58
1163	Moving forward on gait measurement: toward a more refined approach. <i>Movement Disorders</i> , 2013 , 28, 1534-43	168

1162	Single- and dual-task assessments in elderly patients in a falls intervention programme. 2013 , 20, 530-535	2
1161	Self in motion: sensorimotor and cognitive mechanisms in gait agency. 2013 , 110, 1837-47	42
1160	Cognitive contributions to gait and falls: evidence and implications. <i>Movement Disorders</i> , 2013 , 28, 1520-33	292
1159	Relationship between Stroop/reverse-Stroop interference and postural sway when standing in elderly people1,2. 2013 , 2, Article 9	4
1158	Subtle gait changes in patients with REM sleep behavior disorder. <i>Movement Disorders</i> , 2013 , 28, 1847-53	42
1157	Effects of cerebellar lesions on working memory interacting with motor tasks of different complexities. 2013 , 110, 2337-49	23
1156	Understanding the relationship between type 2 diabetes mellitus and falls in older adults: a prospective cohort study. 2013 , 8, e67055	63
1155	Walking Stroop carpet: an innovative dual-task concept for detecting cognitive impairment. 2013 , 8, 317-28	25
1154	Age-related dedifferentiation of cognitive and motor slowing: insight from the comparison of Hick-Hyman and Fitts' laws. 2013 , 5, 62	23
1153	Visuospatial tasks affect locomotor control more than nonspatial tasks in older people. 2014 , 9, e109802	31
1152	Parkinson-related changes of activation in visuomotor brain regions during perceived forward self-motion. 2014 , 9, e95861	27
1151	The effect of different types of walking on dual-task performance and task prioritization among community-dwelling older adults. 2014 , 2014, 259547	10
1150	Executive function and postural instability in people with Parkinson's disease. 2014 , 2014, 684758	12
1149	Neuropsychological mechanisms of falls in older adults. 2014 , 6, 64	20
1148	Motor Variability during Sustained Contractions Increases with Cognitive Demand in Older Adults. 2014 , 6, 97	32
1147	Dupla-tarefa na doena de Parkinson: uma revisa sistemaica de ensaios claicos aleatorizados. 2014 , 17, 191-199	9
1146	The Walking Trail-Making Test is an early detection tool for mild cognitive impairment. 2014 , 9, 111-9	29
1145	Gait abnormalities in obstructive sleep apnea and impact of continuous positive airway pressure. 2014 , 201, 31-3	17

1144	Strength-balance supplemented with computerized cognitive training to improve dual task gait and divided attention in older adults: a multicenter randomized-controlled trial. 2014 , 14, 134	64
1143	A cognitive dual task affects gait variability in patients suffering from chronic low back pain. 2014 , 232, 3509-13	33
1142	Mobility and cognitive correlates of dual task cost of walking in persons with multiple sclerosis. 2014 , 36, 205-9	31
1141	Relative association of processing speed, short-term memory and sustained attention with task on gait speed: a study of community-dwelling people 50 years and older. 2014 , 69, 1407-14	33
1140	Effect of treadmill versus overground running on the structure of variability of stride timing. 2014 , 118, 331-46	32
1139	The effect of rhythmic musical training on healthy older adults' gait and cognitive function. 2014 , 54, 624-33	11
1138	Performance-based assessment of falls risk in older veterans with executive dysfunction. 2014 , 51, 263-74	8
1137	Gait profile score and movement analysis profile in patients with Parkinson's disease during concurrent cognitive load. 2014 , 18, 315-22	17
1136	Comparison of gait parameters across three attentional loading conditions during timed up and go test in stroke survivors. 2014 , 21, 128-36	8
1135	Sport Attainment and Proprioception. 2014 , 9, 159-170	37
1134	Transcranial direct current stimulation reduces the cost of performing a cognitive task on gait and postural control. 2014 , 39, 1343-8	67
1133	Freezing of gait subtypes have different cognitive correlates in Parkinson's disease. 2014 , 20, 1359-64	35
1132	Gait and balance analysis for patients with Alzheimer's disease using an inertial-sensor-based wearable instrument. 2014 , 18, 1822-30	83
1131	Physical functioning is associated with processing speed and executive functions in community-dwelling older adults. 2014 , 69, 837-44	33
1130	Neuroimaging of mobility in aging: a targeted review. 2014 , 69, 1375-88	188
1129	A novel video-based paradigm to study the mechanisms underlying age- and falls risk-related differences in gaze behaviour during walking. 2014 , 34, 459-69	9
1128	Analysis of dual-task elderly gait using wearable plantar-pressure insoles and accelerometer. 2014 , 2014, 5003-6	7
1127	The effect of interactive cognitive-motor training in reducing fall risk in older people: a systematic review. 2014 , 14, 107	99

Clinical experience using a 5-week treadmill training program with virtual reality to enhance gait in an ambulatory physical therapy service. 2014 , 94, 1319-26	28
Enhanced somatosensory feedback reduces prefrontal cortical activity during walking in older adults. 2014 , 69, 1422-8	45
Dual-task training on a treadmill to improve gait and cognitive function in elderly idiopathic fallers. 2014, 38, 246-53	39
Your brain on speed: cognitive performance of a spatial working memory task is not affected by walking speed. 2014 , 8, 288	41
Functional Balance and Motor Impairment Correlations with Gait Parameters during Timed Up and Go Test across Three Attentional Loading Conditions in Stroke Survivors. 2014 , 2014, 439304	8
Cognition and dual-task performance in older adults with Parkinson's and Alzheimer's disease. 2014 , 7, 383-8	20
Relating motor and cognitive interventions in animals and humans. 2014 , 5,	1
Declining cognition and falls: role of risky performance of everyday mobility activities. 2014 , 94, 355-62	28
Effects of dual-tasking on control of trunk movement during gait: respective effect of manual- and cognitive-task. 2014 , 39, 54-9	31
Gait profiles as indicators of domain-specific impairments in executive control across neurodevelopmental disorders. 2014 , 35, 203-14	15
Walking and cognition, but not symptoms, correlate with dual task cost of walking in multiple sclerosis. 2014 , 39, 870-4	43
A reappraisal of the ten steps test for identifying atypical parkinsonism. 2014 , 119, 1-3	5
Postural prioritization is differentially altered in healthy older compared to younger adults during visual and auditory coded spatial multitasking. 2014 , 39, 198-204	18
Effect of concurrent cognitive tasks on temporo-spatial parameters of gait among children with cerebral palsy and typically developed controls. 2014 , 17, 363-7	18
Variability of human gait: effect of backward walking and dual-tasking on the presence of long-range autocorrelations. 2014 , 42, 742-50	18
1110 Walking reduces sensorimotor network connectivity compared to standing. 2014 , 11, 14	37
The effect of cognitive task complexity on gait stability in adolescents following concussion. 2014 , 232, 1773-82	80

1108	Motor planning in Parkinson's disease patients experiencing freezing of gait: the influence of cognitive load when approaching obstacles. 2014 , 87, 76-85	45
1107	The neural basis of age-related changes in motor imagery of gait: an fMRI study. 2014 , 69, 1389-98	87
1106	Posture and cognition in the elderly: interaction and contribution to the rehabilitation strategies. 2014 , 44, 95-107	56
1105	Walking while talking and falls in aging. 2014 , 60, 108-13	52
1104	A randomized trial to measure the impact of a community-based cognitive training intervention on balance and gait in cognitively intact Black older adults. 2014 , 41, 62S-9S	46
1103	Locomotor requirements for bipedal locomotion: a Delphi survey. 2014 , 94, 52-67	8
1102	The risk of falling in young adults with neurological conditions: a systematic review. 2014 , 36, 963-77	20
1101	Gradual mechanics-dependent adaptation of medial gastrocnemius activity during human walking. 2014 , 111, 1120-31	1
1100	The dynamic relationship between cognitive function and walking speed: the English Longitudinal Study of Ageing. 2014 , 36, 9682	45
1099	Interaction of age, cognitive function, and gait performance in 50-80-year-olds. 2014 , 36, 9693	23
1098	Multiple roads lead to Rome: combined high-intensity aerobic and strength training vs. gross motor activities leads to equivalent improvement in executive functions in a cohort of healthy older adults. 2014 , 36, 9710	56
1097	Treadmill walking during vocabulary encoding improves verbal long-term memory. 2014 , 10, 24	33
1096	[Gait disorders in the elderly]. 2014 , 85, 761-70; quiz 771-2	3
1095	Children's head movements and postural stability as a function of task. 2014 , 232, 1953-70	20
1094	Attentional resource allocation and swallowing safety in Parkinson's disease: a dual task study. 2014 , 20, 439-43	26
1093	Attention modulates step initiation postural adjustments in Parkinson freezers. 2014 , 20, 284-9	28
1092	Effect of rivastigmine on mobility of patients with higher-level gait disorder: a pilot exploratory study. 2014 , 14, 57-62	5
1091	Measures of static postural control moderate the association of strength and power with functional dynamic balance. 2014 , 26, 645-53	26

1090	The effects of cognitive training on gait speed and stride variability in old adults: findings from a pilot study. 2014 , 26, 635-43	10
1089	Increased frontal brain activation during walking while dual tasking: an fNIRS study in healthy young adults. 2014 , 11, 85	141
1088	Effects of dual task on turning ability in stroke survivors and older adults. 2014 , 40, 564-9	24
1087	A preliminary study to identify locomotor-cognitive dual tasks that reveal persistent executive dysfunction after mild traumatic brain injury. 2014 , 95, 1594-7	36
1086	Age and CGG-repeat length are associated with neuromotor impairments in at-risk females with the FMR1 premutation. 2014 , 35, 2179.e7-13	14
1085	Gait characteristics in patients with major depression performing cognitive and motor tasks while walking. 2014 , 217, 39-46	23
1084	Subjective age and cognitive functioning: a 10-year prospective study. 2014 , 22, 1180-7	86
1083	Intra-limb coordination while walking is affected by cognitive load and walking speed. 2014 , 47, 2300-5	23
1082	The nature of dual-task interference during gait in incident Parkinson's disease. 2014 , 265, 83-94	117
1081	Interactions of age and leg muscle fatigue on unobstructed walking and obstacle crossing. 2014 , 39, 985-90	39
1080	Balance confidence and falls in nondemented essential tremor patients: the role of cognition. 2014 , 95, 1832-7	26
1079	Cortical control of normal gait and precision stepping: an fNIRS study. 2014 , 85 Pt 1, 415-22	131
1078	Attentional costs of visually guided walking: effects of age, executive function and stepping-task demands. 2014 , 40, 182-6	34
1077	A longitudinal study of gait function and characteristics of gait disturbance in individuals with Alzheimer's disease. 2014 , 39, 1022-7	56
1076	Spatial-temporal gait variability poststroke: variations in measurement and implications for measuring change. 2014 , 95, 1335-41	22
1075	Pathways linking regional hyperintensities in the brain and slower gait. 2014 , 99, 7-13	45
1074	Single and dual task tests of gait speed are equivalent in the prediction of falls in older people: a systematic review and meta-analysis. 2014 , 16, 83-104	90
1073	Freezing of gait in Parkinson's disease: the paradoxical interplay between gait and cognition. 2014 , 20, 824-9	20

1072	Leisure time activities and cognitive functioning in middle European population-based study. 2014 , 5, 200-207	16
1071	Inhibition, executive function, and freezing of gait. 2014 , 4, 111-22	61
1070	Identifying balance and fall risk in community-dwelling older women: the effect of executive function on postural control. 2014 , 66, 179-86	29
1069	Gait speed and related factors in Parkinson's disease. 2015 , 27, 3675-9	34
1068	The effects of cognitive exercise therapy on chronic stroke patients' upper limb functions, activities of daily living and quality of life. 2015 , 27, 2787-91	10
1067	Effects of a Multicomponent Exercise Program on Spatiotemporal Gait Parameters, Risk of Falling and Physical Activity in Dementia Patients. 2015 , 5, 350-60	15
1066	Specific Attentional Disorders and Freezing of Gait in Parkinson's Disease. 2015 , 5, 379-87	17
1065	Role of the Visual and Auditory Systems in Postural Stability in Alzheimer's Disease. 2015 , 46, 441-9	10
1064	Does Footwear Matter When Performing Spatiotemporal Gait Analysis Among Older Women?. 2015 , 38, 155-61	4
1063	Do cognitive measures and brain circuitry predict outcomes of exercise in Parkinson Disease: a randomized clinical trial. 2015 , 15, 218	23
1062	Cognitive tasks during walking affect cerebral blood flow signal features in middle cerebral arteries and their correlation to gait characteristics. 2015 , 11, 29	8
1061	Pilot study of atomoxetine in patients with Parkinson's disease and dopa-unresponsive Freezing of Gait. 2015 , 4, 24	7
1060	Effects of walking on bilateral differences in spatial attention control: a cross-over design. 2015 , 5, 12	1
1059	Performance of dual-task Timed Up and Go test in frail elders. 2015 , 5, 1-7	
1058	Gait Pattern and Cognitive Performance During Treadmill Walking in Parkinson Disease. 2015 , 94, 931-40	10
1057	Dual-tasking gait variability and cognition in late-life depression. 2015 , 30, 1120-8	16
1056	Apolipoprotein E genotype and physical function among older people with mild cognitive impairment. 2015 , 15, 422-7	10
1055	Sensorimotor@ognitive Interactions. 1-5	

(2015-2015)

1054	2015, 7, 106	1
1053	Health and Quality of Life Perception in Older Adults: The Joint Role of Cognitive Efficiency and Functional Mobility. 2015 , 12, 11328-44	27
1052	Longitudinal assessment of neuropsychological and temporal/spatial gait characteristics of elderly fallers: taking it all in stride. 2015 , 7, 34	25
1051	Brain activation during visual working memory correlates with behavioral mobility performance in older adults. 2015 , 7, 186	10
1050	Oscillations in pedunculopontine nucleus in Parkinson's disease and its relationship with deep brain stimulation. 2015 , 9, 47	8
1049	Dual-task and electrophysiological markers of executive cognitive processing in older adult gait and fall-risk. 2015 , 9, 200	27
1048	Prefrontal, posterior parietal and sensorimotor network activity underlying speed control during walking. 2015 , 9, 247	80
1047	Unexpected dual task benefits on cycling in Parkinson disease and healthy adults: a neuro-behavioral model. 2015 , 10, e0125470	11
1046	Gait in Very Preterm School-Aged Children in Dual-Task Paradigms. 2015 , 10, e0144363	17
1045	The mental representation of the human gait in young and older adults. 2015 , 6, 943	26
1044	Association between Community Ambulation Walking Patterns and Cognitive Function in Patients with Parkinson's Disease: Further Insights into Motor-Cognitive Links. 2015 , 2015, 547065	14
1043	Coincidence Anticipation Timing Performance during an Acute Bout of Brisk Walking in Older Adults: Effect of Stimulus Speed. 2015 , 2015, 210213	6
1042	Correlation between the Quality of Attention and Cognitive Competence with Motor Action in Stroke Patients. 2015 , 2015, 823136	12
1041	Cognitive processes affect the gait of subjects with Parkinson and Alzheimer disease in dual tasks. 2015 , 64, 154-159	2
1040	Temporal and spatial organization of gait-related electrocortical potentials. 2015, 599, 75-80	18
1039	The aging brain shows less flexible reallocation of cognitive resources during dual-task walking: A mobile brain/body imaging (MoBI) study. 2015 , 117, 230-42	63
1038	Return to activity after concussion affects dual-task gait balance control recovery. 2015 , 47, 673-80	99
1037	Motor-Cognitive Dual-Task Training in Persons With Neurologic Disorders: A Systematic Review. 2015 , 39, 142-53	140

1036	Modified Six Elements Test: Earlier diagnosis of the correlation between motor and executive dysfunction in Parkinson's disease without dementia. 2015 , 3, 209-214	3
1035	Multiple Object Tracking While Walking: Similarities and Differences Between Young, Young-Old, and Old-Old Adults. 2015 , 70, 840-9	21
1034	Successful balance training is associated with improved multisensory function in fall-prone older adults. 2015 , 45, 192-203	42
1033	Psychophysiological response to cognitive workload during symmetrical, asymmetrical and dual-task walking. 2015 , 40, 248-63	32
1032	The strength model of self-control revisited: Linking acute and chronic effects of exercise on executive functions. 2015 , 4, 30-46	66
1031	A 12-year population-based study of freezing of gait in Parkinson's disease. 2015 , 21, 254-8	68
1030	Changes in oxygenated hemoglobin link freezing of gait to frontal activation in patients with Parkinson disease: an fNIRS study of transient motor-cognitive failures. 2015 , 262, 899-908	85
1029	Acquiring visual information for locomotion by older adults: a systematic review. 2015 , 20, 24-34	23
1028	Analysis and Prediction of the Freezing of Gait Using EEG Brain Dynamics. 2015, 23, 887-96	59
1027	Effects of age and cognitive load on response reprogramming. 2015 , 233, 937-46	5
1026	The effect of transcranial direct current stimulation on task processing and prioritisation during dual-task gait. 2015 , 233, 1575-83	17
1025	Distracting visuospatial attention while approaching an obstacle reduces the toe-obstacle clearance. 2015 , 233, 1137-44	12
1024	Evidence linking FMR1 mRNA and attentional demands of stepping and postural control in women with the premutation. 2015 , 36, 1400-8	9
1023	Cohort study evaluating the risk of hip fracture among patients with dementia in Taiwan. 2015 , 30, 695-701	8
1022	Motor and Visuospatial Attention and Motor Planning After Stroke: Considerations for the Rehabilitation of Standing Balance and Gait. 2015 , 95, 1423-32	16
1021	Nonsignificant associations between measures of inhibitory control and walking while thinking in persons with multiple sclerosis. 2015 , 96, 1518-24	14
1020	Oscillations in the human brain during walking execution, imagination and observation. 2015 , 79, 223-32	35
1019	Executive functions in men and postmenopausal women. 2015 , 37, 193-208	13

1018	The "Stroop Walking Task": An innovative dual-task for the early detection of executive function impairment. 2015 , 45, 181-90	10
1017	Online fronto-cortical control of simple and attention-demanding locomotion in humans. 2015 , 112, 152-159	120
1016	Gait and attentional performance in freezers under methylphenidate. 2015 , 41, 384-8	19
1015	Stress Regulation as a Link between Executive Function and Pre-Frailty in Older Adults. 2015 , 19, 828-38	7
1014	Multi-chronic musculoskeletal pain is a useful clinical index to predict the risk of falls in older adults with normal motor function. 2015 , 27, 711-6	11
1013	Effectiveness of dual-task functional power training for preventing falls in older people: study protocol for a cluster randomised controlled trial. 2015 , 16, 120	17
1012	Age-associated differences in global and segmental control during dual-task walking under sub-optimal sensory conditions. 2015 , 40, 211-9	3
1011	[Trail walking test for assessment of motor cognitive interference in older adults. Development and evaluation of the psychometric properties of the procedure]. 2015 , 48, 722-33	14
1010	Measuring the cost of cognitive-motor dual tasking during walking in multiple sclerosis. 2015 , 21, 123-31	86
1009	Biomechanical analyses of stair-climbing while dual-tasking. 2015 , 48, 921-9	30
1008	Walking stability during cell phone use in healthy adults. 2015 , 41, 947-53	41
1007	Longitudinal Relationships Between Cognitive Decline and Gait Slowing: The Tasmanian Study of Cognition and Gait. 2015 , 70, 1226-32	58
1006	Classification of Parkinson's Disease Gait Using Spatial-Temporal Gait Features. 2015 , 19, 1794-802	106
1005	Contribution of a Trunk Accelerometer System to the Characterization of Gait in Patients With Mild-to-Moderate Parkinson's Disease. 2015 , 19, 1803-8	25
1004	Dual Motor-Cognitive Virtual Reality Training Impacts Dual-Task Performance in Freezing of Gait. 2015 , 19, 1855-61	47
1003	Allocation of attention and dual-task effects on upper and lower limb task performance in healthy young adults. 2015 , 233, 2607-17	11
1002	Dual tasking in Parkinson's disease: should we train hazardous behavior?. 2015 , 15, 1031-9	36
1001	The impact of dual tasking on cognitive performance in a Parkinson's disease cohort with and without freezing of gait: An EEG and behavioral based approach. 2015 ,	5

1000	A new quantitative method for evaluating freezing of gait and dual-attention task deficits in Parkinson's disease. 2015 , 122, 1523-31	21
999	Brain activity during walking: A systematic review. 2015 , 57, 310-27	155
998	The Effects of EnhanceFitness (EF) training on dual-task walking in older adults. 2015, 34, NP128-42	24
997	The Effects of Music Salience on the Gait Performance of Young Adults. 2015 , 52, 394-419	11
996	Impact of Cognitive Training on Balance and Gait in Older Adults. 2015 , 70, 357-66	95
995	Brain metabolic abnormalities during gait with freezing in Parkinson's disease. 2015 , 307, 281-301	34
994	Effects of white matter lesions on trunk stability during dual-task walking among older adults with mild cognitive impairment. 2015 , 37, 120	15
993	What type, or combination of exercise can improve preferred gait speed in older adults? A meta-analysis. 2015 , 15, 72	60
992	Gait attentional load at different walking speeds. 2015 , 41, 304-6	21
991	Neural substrates of levodopa-responsive gait disorders and freezing in advanced Parkinson's disease: a kinesthetic imagery approach. 2015 , 36, 959-80	24
990	[Measuring gait velocity in the elderly with a gait analysis system and a 10-meter walk test. A comparison]. 2015 , 48, 29-34	4
989	Beneficial effects of vitamin D on falls and fractures: is cognition rather than bone or muscle behind these benefits?. 2015 , 26, 1-10	20
988	At the interface of sensory and motor dysfunctions and Alzheimer's disease. 2015 , 11, 70-98	271
987	A physical-cognitive intervention to enhance gait speed in older Mexican adults. 2015 , 30, 77-84	4
986	Impact of regional striatal dopaminergic function on kinematic parameters of Parkinson's disease. 2015 , 122, 669-77	5
985	Role of the Frontal Cortex in Standing Postural Sway Tasks While Dual-Tasking: A Functional Near-Infrared Spectroscopy Study Examining Working Memory Capacity. 2016 , 2016, 7053867	25
984	Changes in gait pattern during multitask using smartphones. 2015 , 53, 241-7	15
983	Gait performance of the elderly under dual-task conditions: Review of instruments employed and kinematic parameters. 2016 , 19, 165-182	14

(2016-2016)

982	The Association between Different Levels of Alcohol Use and Gait under Single and Dual Task in Community-Dwelling Older Persons Aged 65 to 70 Years. 2016 , 2016, 2018507	4
981	Neural Correlates of Dual-Task Walking: Effects of Cognitive versus Motor Interference in Young Adults. 2016 , 2016, 8032180	61
980	Defining Optimal Aerobic Exercise Parameters to Affect Complex Motor and Cognitive Outcomes after Stroke: A Systematic Review and Synthesis. 2016 , 2016, 2961573	29
979	Limited Effect of Dopaminergic Medication on Straight Walking and Turning in Early-to-Moderate Parkinson's Disease during Single and Dual Tasking. 2016 , 8, 4	17
978	Exergame and Balance Training Modulate Prefrontal Brain Activity during Walking and Enhance Executive Function in Older Adults. 2016 , 8, 66	109
977	Dual Tasking for the Differentiation between Depression and Mild Cognitive Impairment. 2016 , 8, 235	12
976	Comparable Cerebral Oxygenation Patterns in Younger and Older Adults during Dual-Task Walking with Increasing Load. 2016 , 8, 240	45
975	Combining Exergame Training with Omega-3 Fatty Acid Supplementation: Protocol for a Randomized Controlled Study Assessing the Effect on Neuronal Structure/Function in the Elderly Brain. 2016 , 8, 283	3
974	Differences in Resting State Functional Connectivity between Young Adult Endurance Athletes and Healthy Controls. 2016 , 10, 610	36
973	The Role of Cognitive Factors in Predicting Balance and Fall Risk in a Neuro-Rehabilitation Setting. 2016 , 11, e0153469	26
972	Decoding the Attentional Demands of Gait through EEG Gamma Band Features. 2016 , 11, e0154136	30
971	Moving to Capture Children's Attention: Developing a Methodology for Measuring Visuomotor Attention. 2016 , 11, e0159543	1
970	Walking in School-Aged Children in a Dual-Task Paradigm Is Related to Age But Not to Cognition, Motor Behavior, Injuries, or Psychosocial Functioning. 2016 , 7, 352	26
969	Cognitive Training among Cognitively Impaired Older Adults: A Feasibility Study Assessing the Potential Improvement in Balance. 2016 , 4, 219	16
968	Gait, posture and cognition in Parkinson's disease. 2016 , 10, 280-286	13
96 7	The Neural Basis of Postural Instability Gait Disorder Subtype of Parkinson's Disease: A PET and fMRI Study. 2016 , 22, 360-7	20
966	Sleep quality is associated with walking under dual-task, but not single-task performance. 2016 , 49, 127-131	25
965	Exploring user experiences of active workstations. 2016 ,	10

964	Fuzzy-rough based decision system for gait adopting instance selection. 2016 ,	2
963	The efficacy of treadmill training with and without projected visual context for improving walking ability and reducing fall incidence and fear of falling in older adults with fall-related hip fracture: a randomized controlled trial. 2016 , 16, 215	34
962	Use of a physiological profile to document motor impairment in ageing and in clinical groups. 2016 , 594, 4513-23	31
961	Effect of Additional Cognitive Loading on Spatiotemporal Parameters of Walking in Women of Different Age Groups. 2016 , 48, 150-154	
960	Associations between mobility, cognition and callosal integrity in people with parkinsonism. 2016 , 11, 415-422	18
959	Enlargement of the posterior horns of the lateral ventricles and recurrent falls: A clinical study. 2016 , 7, 27-30	
958	Objective characterization of daily living transitions in patients with Parkinson's disease using a single body-fixed sensor. 2016 , 263, 1544-51	19
957	Effect of Active Workstation Use on Workload, Task Performance, and Postural and Physiological Responses. 2016 , 4, 67-81	9
956	A Comparison of Physical Activity and Dual Task Gait Among Persons with Parkinson's Disease and Healthy Older Adults. 2016 , 34, 113-123	1
955	Cerebral Microbleeds and Lacunar Infarcts Are Associated with Walking Speed Independent of Cognitive Performance in Middle-Aged to Older Adults. 2016 , 62, 500-7	12
954	The anterior and posterior pedunculopontine tegmental nucleus are involved in behavior and neuronal activity of the cuneiform and entopeduncular nuclei. 2016 , 322, 39-53	8
953	Efficacit'de la kinŝithfapie chez des patients atteints de dînences de type Alzheimer. Eude bibliographique. 2016 , 16, 5-15	
952	Temporal Relationship Between Cognitive and Physical Performance in Middle-Aged to Oldest Old People. 2017 , 72, 662-668	21
951	Anti-Dementia Drugs, Gait Performance and Mental Imagery of Gait: A Non-Randomized Open-Label Trial. 2016 , 33, 665-73	5
950	Motor-cognitive dual-task deficits in individuals with early-mid stage Huntington disease. 2016 , 49, 283-289	21
949	Development of a smartphone application to measure reaction times during walking. 2016 , 50, 217-222	2
948	Cognitive-motor interference during fine and gross motor tasks in children with Developmental Coordination Disorder (DCD). 2016 , 57, 136-48	28
947	Quality of standing balance in community-dwelling elderly: Age-related differences in single and dual task conditions. 2016 , 67, 34-9	10

946	Psychotropic Drugs. 2016 , 105-124	1
945	Measuring prefrontal cortical activity during dual task walking in patients with Parkinson's disease: feasibility of using a new portable fNIRS device. 2016 , 2, 59	46
944	Fear of falling and dual-task performance in people with Parkinson disease. 2016, 18, 167-172	4
943	Locomotor deficits in recently concussed athletes and matched controls during single and dual-task turning gait: preliminary results. 2016 , 13, 65	37
942	Gaze shifts during dual-tasking stair descent. 2016 , 234, 3233-3243	8
941	Executive Function and Measures of Fall Risk Among People With Obesity. 2016 , 122, 825-39	10
940	Parallel processing of cognitive and physical demands in left and right prefrontal cortices during smartphone use while walking. 2016 , 17, 9	27
939	Executive function is necessary for the regulation of the stepping activity when stepping in place in older adults. 2016 , 28, 909-15	11
938	A preliminary study of longitudinal differences in local dynamic stability between recently concussed and healthy athletes during single and dual-task gait. 2016 , 49, 1983-1988	52
937	The Effect of Distractive Function on Volitional Preemptive Abdominal Contraction During a Loaded Forward Reach in Normal Subjects. 2016 , 8, 944-952	
936	Intracranial hemorrhage in setting of glioblastoma with venous thromboembolism. 2016, 3, 87-96	14
935	The primate pedunculopontine nucleus region: towards a dual role in locomotion and waking state. 2016 , 123, 667-678	32
934	Cellular Telephone Dialing Influences Kinematic and Spatiotemporal Gait Parameters in Healthy Adults. 2016 , 48, 535-541	11
933	Assessing proprioception: A critical review of methods. 2016 , 5, 80-90	203
932	Are factors related to dual-task performance in people with Parkinson's disease dependent on the type of dual task?. 2016 , 23, 23-30	23
931	Dual-task performance in older adults during discrete gait perturbation. 2016 , 234, 1077-84	6
930	Usual and Dual-Task Walking Speed: Implications for Pedestrians Crossing the Road. 2016 , 28, 850-62	14
929	The effect of a dual task on gait speed in community dwelling older adults: A systematic review and meta-analysis. 2016 , 44, 250-8	72

928	Impaired Automatic Arm Movements in Obstetric Brachial Plexus Palsy Suggest a Central Disorder. 2016 , 31, 1005-1009	9
927	Normal aging increases postural preparation errors: Evidence from a two-choice response task with balance constraints. 2016 , 44, 143-8	8
926	A multiple regression normalization approach to evaluation of gait in total knee arthroplasty patients. 2016 , 32, 92-101	6
925	Neural Control of Walking in People with Parkinsonism. 2016 , 31, 95-107	75
924	Lower gray matter integrity is associated with greater lap time variation in high-functioning older adults. 2016 , 77, 46-51	4
923	Gait and cognition: Mapping the global and discrete relationships in ageing and neurodegenerative disease. 2016 , 64, 326-45	148
922	Gait dyspraxia as a clinical marker of cognitive decline in Down syndrome: A review of theory and proposed mechanisms. 2016 , 104, 48-57	19
921	The Effects of Cell Phone and Text Message Conversations on Simulated Street Crossing. 2016 , 58, 150-62	34
920	Neurological Gait Abnormalities Moderate the Functional Brain Signature of the Posture First Hypothesis. 2016 , 29, 334-43	65
919	Sensori-motor strategic variations and sequential effects in young and older adults performing a Fitts' task. 2016 , 163, 1-9	12
918	Cognitive Contributions to Freezing of Gait in Parkinson Disease: Implications for Physical Rehabilitation. 2016 , 96, 659-70	61
917	The effect of dual task and executive training on pattern of gait in older adults with balance impairment: A Randomized controlled trial. 2016 , 62, 83-9	32
916	Reduction of Dual-task Costs by Noninvasive Modulation of Prefrontal Activity in Healthy Elders. 2016 , 28, 275-81	53
915	Association of Hearing Impairment With Incident Frailty and Falls in Older Adults. 2016 , 28, 644-60	77
914	Effect of dual task type on gait and dynamic stability during stair negotiation at different inclinations. 2016 , 43, 114-9	20
913	The reliability of the quantitative timed up and go test (QTUG) measured over five consecutive days under single and dual-task conditions in community dwelling older adults. 2016 , 43, 239-44	34
912	Dual-task testing to predict falls in community-dwelling older adults: a systematic review. 2016 , 102, 29-40	122
911	Flow Experience of Older Adults Using the iStoppFalls Exergame. 2016 , 11, 201-222	19

(2017-2016)

910	Opposite Effects of Visual Cueing During Writing-Like Movements of Different Amplitudes in Parkinson's Disease. 2016 , 30, 431-9	19
909	Effect of illuminance and spectrum on peripheral obstacle detection by pedestrians. 2017 , 49, 211-227	29
908	Dual task cost of cognition is related to fall risk in patients with multiple sclerosis: a prospective study. 2017 , 31, 278-284	33
907	Using dual task walking as an aid to assess executive dysfunction ecologically in neurological populations: A narrative review. 2017 , 27, 722-743	19
906	Age-related differences in dual task performance: A cross-sectional study on women. 2017 , 17, 315-321	12
905	Gray matter volume and dual-task gait performance in mild cognitive impairment. 2017 , 11, 887-898	24
904	Cognitive-motor dual-task interference: A systematic review of neural correlates. 2017, 75, 348-360	97
903	The development and examination of a new walking executive function test for people over 50 years of age. 2017 , 171, 100-109	3
902	Improved cognition while cycling in Parkinson's disease patients and healthy adults. 2017, 113, 23-31	15
901	Single-task and dual-task tandem gait test performance after concussion. 2017 , 20, 622-626	50
900	Cognition, Gait Disorders, and Fall Risk in Healthy Neurological Older Individuals. 2017, 91-114	1
899	Exercise and Balance in Older Adults with Movement Disorders. 2017 , 323-346	1
898	Physical Function Differences Between the Stages From Normal Cognition to Moderate Alzheimer Disease. 2017 , 18, 368.e9-368.e15	11
897	Association between Various Brain Pathologies and Gait Disturbance. 2017 , 43, 128-143	25
896	Comparison between clinical gait and daily-life gait assessments of fall risk in older people. 2017 , 17, 2274-2282	48
895	Visual Control of Adaptive Locomotion and Changes Due to Natural Ageing. 2017 , 55-72	7
894	Serum uric acid levels and freezing of gait in Parkinson's disease. 2017 , 38, 955-960	10
893	Gait disorders in the elderly and dual task gait analysis: a new approach for identifying motor phenotypes. 2017 , 14, 7	29

892	The Walking Ability in Healthy Older Adults: The Role of Aging and Physical Activity and Its Interface with Agility, Balance, Cognition, and Risk of Falls. 2017 , 73-90	1
891	Continuous and difficult discrete cognitive tasks promote improved stability in older adults. 2017 , 55, 43-48	11
890	Dual tasking in Parkinson's disease: Cognitive consequences while walking. 2017 , 31, 613-623	24
889	Improving Sensitivity to Detect Mild Cognitive Impairment: Cognitive Load Dual-Task Gait Speed Assessment. 2017 , 23, 493-501	29
888	Visuotactile interaction even in far sagittal space in older adults with decreased gait and balance functions. 2017 , 235, 2391-2405	10
887	Impaired Response Selection During Stepping Predicts Falls in Older People-A Cohort Study. 2017 , 18, 719-725	30
886	Online adjustments of leg movements in healthy young and old. 2017, 235, 2329-2348	21
885	Direct and indirect effects of attention and visual function on gait impairment in Parkinson's disease: influence of task and turning. 2017 , 46, 1703-1716	25
884	Minimum toe clearance: probing the neural control of locomotion. 2017 , 7, 1922	26
883	Cognitive and motor dual task gait training improve dual task gait performance after stroke - A randomized controlled pilot trial. 2017 , 7, 4070	43
882	Nordic Walking improves trunk stability and gait spatial-temporal characteristics in people with Parkinson disease. 2017 , 41, 205-210	10
881	Adaptive Capacity: An Evolutionary Neuroscience Model Linking Exercise, Cognition, and Brain Health. 2017 , 40, 408-421	92
880	The attentional demands of ambulating with an assistive device in older adults with Alzheimer's disease. 2017 , 54, 202-208	16
879	Parkinson's Disease: Cognitive Impairment. 2017 , 15, 42-54	2
878	Reliability and Validity of the Timed Up and Go Test With a Motor Task in People With Chronic Stroke. 2017 , 98, 2213-2220	51
877	A narrative review of texting as a visually-dependent cognitive-motor secondary task during locomotion. 2017 , 52, 354-362	26
876	The effects of a simultaneous cognitive or motor task on the kinematics of walking in older fallers and non-fallers. 2017 , 51, 146-152	18
875	Activity engagement and physical function in old age sample. 2017 , 69, 55-60	13

(2017-2017)

874	insertion. 2017 , 44, 178-186	10
873	Apathy and higher level of gait control in normal pressure hydrocephalus. 2017 , 119, 127-131	10
872	The Association between Dual-Task Gait after Concussion and Prolonged Symptom Duration. 2017 , 34, 3288-3294	25
871	The influence of divided attention on walking turns: Effects on gait control in young adults with and without a history of low back pain. 2017 , 58, 498-503	9
870	Cognitive Impairment Is Reflected by an Increased Difference between Real and Imagined Timed Up and Go Test Performance. 2017 , 44, 55-62	3
869	Increased alertness, better than posture prioritization, explains dual-task performance in prosthesis users and controls under increasing postural and cognitive challenge. 2017 , 235, 3527-3539	6
868	Distinct locomotor control and awareness in awake sleepwalkers. 2017 , 27, R1102-R1104	5
867	Screening for Cognitive Impairment as a Part of Falls Risk Assessment in Physical Therapist Practice. 2017 , 40, 197-203	12
866	Motor-cognitive dual-tasking under hypoxia. 2017 , 235, 2997-3001	3
865	Is functional mobility an independent mortality risk factor in subjects with dementia?. 2017 , 103, 65-70	7
864	Walking modality, but not task difficulty, influences the control of dual-task walking. 2017, 58, 136-138	11
863	Neural correlates of obstacle negotiation in older adults: An fNIRS study. 2017 , 58, 130-135	46
862	Selection of gait parameters for differential diagnostics of patients with de novo Parkinson's disease. 2017 , 39, 853-861	15
861	Altered resting-state brain activity in Parkinson's disease patients with freezing of gait. 2017 , 7, 16711	31
860	Gender may have an influence on the relationship between Functional Movement Screen scores and gait parameters in elite junior athletes - A pilot study. 2017 , 104, 258-269	2
859	Cognitive capacity and smartphone dual-task gait measurement. 2017 , 111, 87-94	1
858	Impairments in Spatiotemporal Gait Adaptation During Obstacle Navigation in Huntington's Disease. 2017 , 31, 934-943	1
857	Associations between cognitive impairment and motor dysfunction in Parkinson's disease. 2017 , 7, e00719	26

856	A training approach to improve stepping automaticity while dual-tasking in Parkinson's disease: A prospective pilot study. 2017 , 96, e5934	21
855	Neural correlates underlying the attentional spotlight in human parietal cortex independent of task difficulty. 2017 , 38, 4996-5018	4
854	Cognitive-motor interference in multiple sclerosis: What happens when the gait speed is fixed?. 2017 , 57, 211-216	9
853	Frontal brain activation changes due to dual-tasking under partial body weight support conditions in older adults with multiple sclerosis. 2017 , 14, 65	22
852	Reliability and Concurrent Validity of the Narrow Path Walking Test in Persons With Multiple Sclerosis. 2017 , 41, 43-51	7
851	The developmental dynamics of gait maturation with a focus on spatiotemporal measures. 2017 , 51, 208-217	29
850	The relationship between executive function and fine motor control in young and older adults. 2017 , 51, 41-50	16
849	A Randomized Clinical Trial of Atomoxetine for Mild Cognitive Impairment in Parkinson's Disease. 2017 , 4, 416-423	16
848	Step initiation interferes with working memory in nondisabled patients with the earliest multiple sclerosis-A dual-task study. 2017 , 51, 201-207	8
847	Predicting falls with the cognitive timed up-and-go dual task in frail older patients. 2017, 60, 83-86	17
846	Reducing falls in Parkinson's disease: interactions between donepezil and the 5-HT receptor antagonist idalopirdine on falls in a rat model of impaired cognitive control of complex movements. 2017 , 45, 217-231	21
845	Intervention modalities for targeting cognitive-motor interference in individuals with neurodegenerative disease: a systematic review. 2017 , 17, 251-261	43
844	The Effect of Prior Concussion History on Dual-Task Gait following a Concussion. 2017, 34, 838-844	49
843	Time-Discrete Vibrotactile Feedback Contributes to Improved Gait Symmetry in Patients With Lower Limb Amputations: Case Series. 2017 , 97, 198-207	54
842	A Virtual Reality avatar interaction (VRai) platform to assess residual executive dysfunction in active military personnel with previous mild traumatic brain injury: proof of concept. 2017 , 12, 758-764	24
841	Does physical exercise improve ADL capacities in people over 65 years with moderate or severe dementia hospitalized in an acute psychiatric setting? A multisite randomized clinical trial. 2017 , 29, 323-332	15
840	Effect of aging, mixed reality and dual task prioritization on texting while walking. 2017,	4
839	Vocal markers of motor, cognitive, and depressive symptoms in Parkinson's disease. 2017 ,	1

 8_38 Clinical Presentation of Hydrocephalus in Adults. **2017**, 115-125

Cognitive Dysfunction Contributes to Mobility Impairments in Huntington's Disease. 2017, 6, 363-370 13 The effect of light touch on balance control during overground walking in healthy young adults. 2017, 3, e00484 Motor Phenotype in Neurodegenerative Disorders: Galt and Balance Platform Study Design Protocol for the Ontario Neurodegenerative Research Initiative (ONDRI). 2017, 59, 707-721 49 Malking-Related Dual-Task Interference in Early-to-Middle-Stage Huntington's Disease: An Auditory Event Related Potential Study. 2017, 8, 1292 Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. 2017, 4, 166 Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. 2017, 4, 166 Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 Milte Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 283 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 824 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 825 Gait and Cognition in Parkinson's Disease: Cognitive Impairment is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 826 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm			
Motor Phenotype in Neurodegenerative Disorders: Galt and Balance Platform Study Design Protocol for the Ontario Neurodegenerative Research Initiative (ONDRI). 2017, 59, 707-721 40 834 Gait in Children with Attention-Deficit Hyperactivity Disorder in a Dual-Task Paradigm. 2017, 8, 34 17 835 Walking-Related Dual-Task Interference in Early-to-Middle-Stage Huntington's Disease: An Auditory Event Related Potential Study. 2017, 8, 1292 7 836 Z017, 4, 166 7 837 Concurrent Indicators of Gait Velocity and Variability Are Associated With 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 17 830 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 8 840 Gait Is Associated with Cognitive Flexibility: A Dual-Tasking Study in Healthy Older People. 2017, 9, 154 16 841 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 7 842 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 7 843 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 26 844 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 32 845 Gait and Cognition in Parkinson's Disease: Cognitive Impairment. 1 Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 16 846 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 7 847 A 12-Meak Circling Teiping Regimes Impraves Gait and Executive Functions Cognomization in Parkinson's Disease: Cognitive Impairment. 2017, 20, 423 17 848 Paradigm for Older Adults. 2017, 8, 671 7	837	Cognitive Dysfunction Contributes to Mobility Impairments in Huntington's Disease. 2017 , 6, 363-370	13
835 Protocol for the Ontario Neurodegenerative Research Initiative (ONDRI), 2017, 59, 707-721 40 834 Gait in Children with Attention-Deficit Hyperactivity Disorder in a Dual-Task Paradigm. 2017, 8, 34 17 835 Walking-Related Dual-Task Interference in Early-to-Middle-Stage Huntington's Disease: An Auditory Event Related Potential Study. 2017, 8, 1292 7 836 Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. 2017, 4, 166 8 837 Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 17 830 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 849 Gait Is Associated with Cognitive Flexibility: A Dual-Tasking Study in Healthy Older People. 2017, 9, 154 16 840 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 7 841 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 19 842 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 26 843 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 32 844 Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 32 845 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 16 846 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 7 847 Atawask Curling Teiping Regioner Imprayes Gait and Executive Functions Concomited by in Dual Task Paradigm for Older Adults. 2017, 8, 671 7	836		10
Walking-Related Dual-Task Interference in Early-to-Middle-Stage Huntington's Disease: An Auditory Event Related Potential Study. 2017, 8, 1292 Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. 2017, 4, 166 Social Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 22 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Eugstive Eugstives Cognomitably in	835		40
833 Event Related Potential Study. 2017, 8, 1292 834 Motoric Cognitive Risk Syndrome: Predictor of Dementia and Age-Related Negative Outcomes. 2017, 4, 166 837 Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 830 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 830 Gait Is Associated with Cognitive Flexibility: A Dual-Tasking Study in Healthy Older People. 2017, 9, 154 842 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 843 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 844 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 855 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 856 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 856 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 857 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 858 A 12-Week Circling Tesining Regimen Improves Gait and Executive Functions Concomitantly in	834	Gait in Children with Attention-Deficit Hyperactivity Disorder in a Dual-Task Paradigm. 2017, 8, 34	17
Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. 2017, 9, 17 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 75 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults. 2017, 9, 154 Evidence for a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older People. 2017, 9, 154 Evidence For a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older People. 2017, 9, 154 Evidence For a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older People. 2017, 9, 154 Evidence For a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults With Age and Proficiency. 2017, 9, 213 Evidence For a Selectively Regulated Prioritization Shift Depending on Walking Situations in Older Adults With Age and Proficiency. 2017, 9, 213 Evidence For a Selectively Regulated Prioritization Shift Periority and Evidence For Adults With Adults Shift Profice Provided Prioritization Shift Prov	833		7
Capitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 413 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Cait and Cognition in Parkinson's Disease. Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concemitantly in	832		37
Adults. 2017, 9, 75 829 Gait Is Associated with Cognitive Flexibility: A Dual-Tasking Study in Healthy Older People. 2017, 9, 154 828 White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 827 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 826 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 827 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 828 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 829 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 820 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 821 A 12-Week Cycling Training Regimen Improves Gait and Executive Eugstions Concomitantly in	831		17
White Matter Changes-Related Gait and Executive Function Deficits: Associations with Age and Parkinson's Disease. 2017, 9, 213 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Penimen Improves Gait and Executive Functions Concomitantly in	830		8
Parkinson's Disease. 2017, 9, 213 Age-Related Decline in Anticipatory Motor Planning and Its Relation to Cognitive and Motor Skill Proficiency. 2017, 9, 283 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	829	Gait Is Associated with Cognitive Flexibility: A Dual-Tasking Study in Healthy Older People. 2017 , 9, 154	16
Proficiency. 2017, 9, 283 Cognitive-Motor Interference during Walking in Older Adults with Probable Mild Cognitive Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Eugstions Concomitantly in	828		7
Impairment. 2017, 9, 350 Effects of Dual-Task Management and Resistance Training on Gait Performance in Older Individuals: A Randomized Controlled Trial. 2017, 9, 415 Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Pegimen Improves Gait and Executive Functions Concomitantly in	827		30
Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	826		26
Postural Sway in Older Adults with Mild Cognitive Impairment. 2017, 9, 423 Gait and Cognition in Parkinson's Disease: Cognitive Impairment Is Inadequately Reflected by Gait Performance during Dual Task. 2017, 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017, 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	825		32
Performance during Dual Task. 2017 , 8, 550 The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017 , 8, 671 A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	824		32
A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	823		16
A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in	822	The Applicability of Rhythm-Motor Tasks to a New Dual Task Paradigm for Older Adults. 2017 , 8, 671	7
People with Parkinson's Disease. 2016 , 10, 690	821	A 12-Week Cycling Training Regimen Improves Gait and Executive Functions Concomitantly in People with Parkinson's Disease. 2016 , 10, 690	27

820	Cognitive Resources Necessary for Motor Control in Older Adults Are Reduced by Walking and Coordination Training. 2017 , 11, 156	19
819	No Overt Effects of a 6-Week Exergame Training on Sensorimotor and Cognitive Function in Older Adults. A Preliminary Investigation. 2017 , 11, 160	32
818	Effects of Gait Self-Efficacy and Lower-Extremity Physical Function on Dual-Task Performance in Older Adults. 2017 , 2017, 8570960	8
817	Functional Connectivity of the Pedunculopontine Nucleus and Surrounding Region in Parkinson's Disease. 2017 , 27, 54-67	18
816	Dual-Task Performance in GBA Parkinson's Disease. 2017 , 2017, 8582740	1
815	Rehabilitation training in neural restitution. 2017 , 230, 305-329	3
814	Does dual task training improve walking performance of older adults with concern of falling?. 2017 , 17, 213	36
813	Effects of dual-task and walking speed on gait variability in people with chronic ankle instability: a cross-sectional study. 2017 , 18, 316	17
812	Gait characteristics and their discriminative power in geriatric patients with and without cognitive impairment. 2017 , 14, 84	13
0	Effects of single and dual tasks during walking on spatiotemporal gait parameters of	
811	community-dwelling older. 2017 , 29, 1874-1877	3
811		3
	community-dwelling older. 2017 , 29, 1874-1877	3
810	Community-dwelling older. 2017 , 29, 1874-1877 Gait-Guided Adaptive Interfaces: Managing Cognitive Load In Older Users. 2017 , 61, 710-714 On the Influence of Walking on Hazard Detection for Prospective User-Centered Design of an	
810	Cait-Guided Adaptive Interfaces: Managing Cognitive Load In Older Users. 2017, 61, 710-714 On the Influence of Walking on Hazard Detection for Prospective User-Centered Design of an Assistance System for Older Pedestrians. 2017, 16, 87-98	3
810 809 808	Cait-Guided Adaptive Interfaces: Managing Cognitive Load In Older Users. 2017, 61, 710-714 On the Influence of Walking on Hazard Detection for Prospective User-Centered Design of an Assistance System for Older Pedestrians. 2017, 16, 87-98 [Cognition and mobility: The influence of the brain on gait]. 2018, 59, 316-325 Prefrontal cortex activation during obstacle negotiation: What's the effect size and timing?. 2018,	3
810 809 808 807	Gait-Guided Adaptive Interfaces: Managing Cognitive Load In Older Users. 2017, 61, 710-714 On the Influence of Walking on Hazard Detection for Prospective User-Centered Design of an Assistance System for Older Pedestrians. 2017, 16, 87-98 [Cognition and mobility: The influence of the brain on gait]. 2018, 59, 316-325 Prefrontal cortex activation during obstacle negotiation: What's the effect size and timing?. 2018, 122, 45-51 The learning process of gait retraining using real-time feedback in patients with medial knee	3 2 16
810 809 808 807 806	Cait-Guided Adaptive Interfaces: Managing Cognitive Load In Older Users. 2017, 61, 710-714 On the Influence of Walking on Hazard Detection for Prospective User-Centered Design of an Assistance System for Older Pedestrians. 2017, 16, 87-98 [Cognition and mobility: The influence of the brain on gait]. 2018, 59, 316-325 Prefrontal cortex activation during obstacle negotiation: What's the effect size and timing?. 2018, 122, 45-51 The learning process of gait retraining using real-time feedback in patients with medial knee osteoarthritis. 2018, 62, 1-6	3 2 16 26

802	Determining Reliability of a Dual-Task Functional Mobility Protocol for Individuals With Lower Extremity Amputation. 2018 , 99, 707-712	12
801	Dual-task related gait changes in individuals with trans-tibial lower extremity amputation. 2018 , 61, 403-407	8
800	Exploring cognitive motor interference in multiple sclerosis by the visual Stroop test. 2018 , 22, 8-11	4
799	Comparing the Effects of Dual-Task Gait Testing in New and Established Ambulators With Lower Extremity Amputations. 2018 , 10, 1012-1019	13
798	Older Adults Pay an Additional Cost When Texting and Walking: Effects of Age, Environment, and Use of Mixed Reality on Dual-Task Performance. 2018 , 98, 549-559	16
797	Cognitive-Based Interventions to Improve Mobility: A Systematic Review and Meta-analysis. 2018 , 19, 484-491.e3	36
796	Neuromuscular Control Deficits and the Risk of Subsequent Injury after a Concussion: A Scoping Review. 2018 , 48, 1097-1115	91
795	Measurement of attentional reserve and mental effort for cognitive workload assessment under various task demands during dual-task walking. 2018 , 134, 39-51	38
794	Dual-Task Rehabilitation. 2018, 34, 54-64	2
793	The Influence of Cognitive Factors on Balance and Gait. 2018 , 121-134	
792	Altered kinematics of arm swing in Parkinson's disease patients indicates declines in gait under dual-task conditions. 2018 , 48, 61-67	19
791	Motor dexterity and strength depend upon integrity of the attention-control system. 2018 , 115, E536-E545	40
790	Temporal variability in human performance: A systematic literature review. 2018 , 64, 31-50	9
789	Multiple-modality exercise and mind-motor training to improve mobility in older adults: A randomized controlled trial. 2018 , 103, 17-26	12
788	Falls in Cognitively Impaired Older Adults: Implications for Risk Assessment And Prevention. 2018 , 66, 367-375	85
787	Deep white matter hyperintensities, microstructural integrity and dual task walking in older people. 2018 , 12, 1488-1496	16
786	Cortical activity during walking and balance tasks in older adults and in people with Parkinson's disease: A structured review. 2018 , 113, 53-72	65
785	Predictors of freezing of gait in Chinese patients with Parkinson's disease. 2018 , 8, e00931	21

784	Prefrontal over-activation during walking in people with mobility deficits: Interpretation and functional implications. 2018 , 59, 46-55	53
783	Over-focused? The relation between patients' inclination for conscious control and single- and dual-task motor performance after stroke. 2018 , 62, 206-213	6
782	The effects of dual tasking on gait synchronization during over-ground side-by-side walking. 2018 , 59, 20-29	8
781	Dual-task Interference Disrupts Parkinson's Gait Across Multiple Cognitive Domains. 2018 , 379, 375-382	20
78o	Detecting gait abnormalities after concussion or mild traumatic brain injury: A systematic review of single-task, dual-task, and complex gait. 2018 , 62, 157-166	74
779	Movements of older adults during exergaming interventions that are associated with the Systems Framework for Postural Control: A systematic review. 2018 , 111, 90-99	14
778	Computerized cognitive training during physical inactivity improves executive functioning in older adults. 2018 , 25, 49-69	20
777	Fear of falling and activities of daily living function: mediation effect of dual-task ability. 2018 , 22, 856-861	24
776	The association between lower urinary tract symptoms and falls: Forming a theoretical model for a research agenda. 2018 , 37, 501-509	33
775	Motor-cognitive effects of a computerized game-based training method in people with dementia: a randomized controlled trial. 2018 , 22, 1124-1135	13
774	Electrocorticographic Encoding of Human Gait in the Leg Primary Motor Cortex. 2018, 28, 2752-2762	24
773	Examining Transfer Effects of Dual-Task Training Protocols for a Complex Locomotor Task. 2018 , 50, 177-193	2
772	The relationship between physical activity, and physical performance and psycho-cognitive functioning in older adults living in residential aged care facilities. 2018 , 21, 173-178	11
771	Executive functioning, concern about falling and quadriceps strength mediate the relationship between impaired gait adaptability and fall risk in older people. 2018 , 59, 188-192	39
770	Prefrontal cortex activation during a dual task in patients with stroke. 2018 , 59, 193-198	26
769	Mental Fatigue Increases Gait Variability During Dual-task Walking in Old Adults. 2018 , 73, 792-797	31
768	Interventions Against Disability in Frail Older Adults: Lessons Learned from Clinical Trials. 2018 , 22, 676-688	5
767	Balancing the Demands of Two Tasks: An Investigation of Cognitive-Motor Dual-Tasking in Relapsing Remitting Multiple Sclerosis. 2018 , 24, 247-258	12

(2018-2018)

766	Everyday multitasking habits: University students seamlessly text and walk on a split-belt treadmill. 2018 , 59, 168-173	9
765	Performance of Faller and Nonfaller Older Adults on a Motor-Motor Interference Task. 2018 , 50, 293-306	8
764	The utility of instrumented dual-task gait and tablet-based neurocognitive measurements after concussion. 2018 , 21, 358-362	29
763	Identification of fall predictors in the active elderly population from the routine medical records of general practitioners. 2018 , 19, 131-139	9
762	What is a task? An ideomotor perspective. 2018 , 82, 4-11	17
761	Stepping reaction time and gait adaptability are significantly impaired in people with Parkinson's disease: Implications for fall risk. 2018 , 47, 32-38	19
760	Brain comorbidities in normal pressure hydrocephalus. 2018 , 25, 542-548	19
759	A comparison of the impact of physical exercise, cognitive training and combined intervention on spontaneous walking speed in older adults. 2018 , 30, 921-925	14
758	Dual-task training in older adults: The effect of additional motor tasks on mobility performance. 2018 , 75, 119-124	21
757	Dual-Task Assessment Protocols in Concussion Assessment: A Systematic Literature Review. 2018 , 48, 87-103	31
756	The influence of visual flow and perceptual load on locomotion speed. 2018 , 80, 69-81	15
755	Cognitive functioning is more closely related to real-life mobility than to laboratory-based mobility parameters. 2018 , 15, 57-65	18
754	Near Point of Convergence and Gait Deficits in Adolescents After Sport-Related Concussion. 2018 , 28, 262-267	36
753	Effects of a priority-based dual task on gait velocity and variability in older adults with mild cognitive impairment. 2018 , 14, 993-997	12
752	TL-PC: An Interpretable Causal Relationship Networks on Older Adults Fall Influence Factors. 2018,	
751	Gait Patterns in Parkinson's Disease with or without Cognitive Impairment. 2018 , 17, 57-65	14
750	Validating attentive locomotion training using interactive treadmill: an fNIRS study. 2018, 15, 122	8
749	Cognitively Demanding Object Negotiation While Walking and Texting. 2018 , 8, 17880	7

748	Effect of Dual-Task Conditions on Gait Performance during Timed Up and Go Test in Children with Traumatic Brain Injury. 2018 , 2018, 2071726	2
747	Guidelines for Gait Assessments in the Canadian Consortium on Neurodegeneration in Aging (CCNA). 2018 , 21, 157-165	26
746	Perceptual Inhibition Associated with Sensory Integration for Balance in Older Adults. 2018 , 46, 266-274	6
745	Prevalence and Prognosis of Coexisting Frailty and Cognitive Impairment in Patients on Continuous Ambulatory Peritoneal Dialysis. 2018 , 8, 17305	9
744	Gait. 2018 , 159, 119-134	25
743	Aging. 2018 , 159, 157-171	18
742	Parkinsonism is a Phenotypical Signature of Amyloidopathy in Patients with Gait Disorders. 2018 , 63, 1373-1381	3
741	Anodal tDCS over prefrontal cortex improves dual-task walking in Parkinsonian patients with freezing. <i>Movement Disorders</i> , 2018 , 33, 1972-1973	9
740	Design and evaluation of an exergame for motor-cognitive training and fall prevention in older adults. 2018 ,	4
739	Dual-task training of children with neuromotor disorders during robot-assisted gait therapy: prerequisites of patients and influence on leg muscle activity. 2018 , 15, 82	9
738	Which cognitive dual-task walking causes most interference on the Timed Up and Go test in Parkinson's disease: a controlled study. 2018 , 39, 2151-2157	14
737	Performance of older adults under dual task during stair descent. 2018 , 16, 99-105	5
736	Uso de test dual en ancianos institucionalizados con diferentes niveles de deterioro cognitivo. Estudio transversal. 2018 , 66, 31-36	O
735	Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. 2018 , 9, 913	80
734	Intensive Multimodal Training to Improve Gait Resistance, Mobility, Balance and Cognitive Function in Persons With Multiple Sclerosis: A Pilot Randomized Controlled Trial. 2018 , 9, 800	23
733	The interaction between cognition and motor control: A theoretical framework for dual-task interference effects on posture, gait initiation, gait and turning. 2018 , 48, 361-375	78
732	Promoting safe walking among older people: the effects of a physical and cognitive training intervention vs. physical training alone on mobility and falls among older community-dwelling men and women (the PASSWORD study): design and methods of a randomized controlled trial. 2018 , 18, 215	14
731	Effects of dual tasking and methylphenidate on gait in children with attention deficit hyperactivity disorder. 2018 , 62, 48-57	7

730	Integrative CNS Plasticity With Exercise in MS: The PRIMERS (PRocessing, Integration of Multisensory Exercise-Related Stimuli) Conceptual Framework. 2018 , 32, 847-862	19
729	Cognitive-motor interference during gait in patients with Multiple Sclerosis: a mixed methods Systematic Review. 2018 , 94, 126-148	20
728	A framework for secondary cognitive and motor tasks in dual-task gait testing in people with mild cognitive impairment. 2018 , 18, 202	30
727	A comparison of a step-initiation task in women with and without urinary incontinence. A case-control study. 2018 , 37, 2571-2577	1
726	Move the Object or Move Myself? Walking vs. Manipulation for the Examination of 3D Scientific Data. 2018 , 5,	15
725	Cognitive Performance and Locomotor Adaptation in Persons With Anterior Cruciate Ligament Reconstruction. 2018 , 32, 568-577	10
724	Association of fall history with the Timed Up and Go test score and the dual task cost: A cross-sectional study among independent community-dwelling older adults. 2018 , 18, 1189-1193	20
7 2 3	Drooling in Parkinson's Disease: Evidence of a Role for Divided Attention. 2018 , 33, 809-817	17
722	Walking while talking: Young adults flexibly allocate resources between speech and gait. 2018, 64, 59-62	19
721	The effect of walking path configuration on gait in adults with Alzheimer's dementia. 2018 , 64, 226-229	5
721 720	The effect of walking path configuration on gait in adults with Alzheimer's dementia. 2018 , 64, 226-229 Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018 , 18, 1267-127	
720	Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018 , 18, 1267-127 Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in	/12
720 719	Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018 , 18, 1267-127 Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in Older Adults?. 2018 , 2018, 7547631	'1 2 12
720 719 718	Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018 , 18, 1267-127 Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in Older Adults?. 2018 , 2018, 7547631 Relationships between gait and emotion in Parkinson's disease: A narrative review. 2018 , 65, 57-64 On the impact of interhemispheric white matter: Age, executive functioning, and dedifferentiation	21 2 12 26
720 719 718 717	Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018, 18, 1267-127 Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in Older Adults?. 2018, 2018, 7547631 Relationships between gait and emotion in Parkinson's disease: A narrative review. 2018, 65, 57-64 On the impact of interhemispheric white matter: Age, executive functioning, and dedifferentiation in the frontal lobes. 2018, 33, 1271 Effects of Aging on the Obstacle Negotiation Strategy while Stepping over Multiple Obstacles.	21 2 12 26
720 719 718 717 716	Risk factors for falls in terms of attention during gait in community-dwelling older adults. 2018, 18, 1267-127 Can Driving-Simulator Training Enhance Visual Attention, Cognition, and Physical Functioning in Older Adults?. 2018, 2018, 7547631 Relationships between gait and emotion in Parkinson's disease: A narrative review. 2018, 65, 57-64 On the impact of interhemispheric white matter: Age, executive functioning, and dedifferentiation in the frontal lobes. 2018, 33, 1271 Effects of Aging on the Obstacle Negotiation Strategy while Stepping over Multiple Obstacles. 2018, 8, 8576 Cognitive load reduces the effects of optic flow on gait and electrocortical dynamics during	21 2 12 26 1 11

712	Profiles of Cognitive-Motor Interference During Walking in Children: Does the Motor or the Cognitive Task Matter?. 2018 , 9, 947	11
711	Effects of motor fatigue on walking stability and variability during concurrent cognitive challenges. 2018 , 13, e0201433	8
710	Walking speed changes in response to novel user-driven treadmill control. 2018, 78, 143-149	21
709	Day-to-Day Variability of Postural Sway and Its Association With Cognitive Function in Older Adults: A Pilot Study. 2018 , 10, 126	18
708	Selective Effects of Postural Control on Spatial vs. Nonspatial Working Memory: A Functional Near-Infrared Spectral Imaging Study. 2018 , 12, 243	9
707	What affects gait performance during walking while texting? A comparison of motor, visual and cognitive factors. 2018 , 61, 1507-1518	14
706	Brain comorbidities in normal pressure hydrocephalus. 2018 , 25, e94	1
705	Distributed performance of white matter properties in chess players: A DWI study using automated fiber quantification. 2018 , 1700, 9-18	9
704	Using concurrent gait and cognitive assessments to identify impairments after concussion: a narrative review. 2018 , 3, CNC54	16
703	SYNERGIC TRIAL (SYNchronizing Exercises, Remedies in Gait and Cognition) a multi-Centre randomized controlled double blind trial to improve gait and cognition in mild cognitive impairment. 2018 , 18, 93	29
702	The role of gender in the association between personality and task priority in older adults' dual-tasking while walking. 2018 , 18, 1	76
701	"Walking" through the sensory, cognitive, and temporal degradations of healthy aging. 2018 , 1426, 72	27
700	Evaluation of deep convolutional neural networks for detection of freezing of gait in Parkinson disease patients. 2018 , 46, 221-230	28
699	Association between brain atrophy and cognitive motor interference in multiple sclerosis. 2018 , 25, 208-211	8
698	Transcranial Direct Current Stimulation May Improve Cognitive-Motor Function in Functionally Limited Older Adults. 2018 , 32, 788-798	30
697	Tapping the Full Potential? Jumping Performance of Volleyball Athletes in Game-Like Situations. 2018 , 9, 1375	4
696	Stroke in CNS white matter: Models and mechanisms. 2018 , 684, 193-199	18
695	Compromised prefrontal structure and function are associated with slower walking in older adults. 2018 , 20, 620-626	11

694	Characteristics, Usability, and Users Experience of a System Combining Cognitive and Physical Therapy in a Virtual Environment: Positive Bike. 2018 , 18,	43
693	The impact of age-related hearing loss and lateralized auditory attention on spatiotemporal parameters of gait during dual-tasking among community dwelling older adults. 2018 , 111, 253-262	8
692	Shifting from Declines to Improvements: Associations between a Meaningful Walking Speed Change and Cognitive Evolution over Three Years in Older Adults. 2018 , 22, 1183-1188	
691	Chronic Pain and Attention in Older Community-Dwelling Adults. 2018 , 66, 1318-1324	16
690	Moderating Effect of White Matter Integrity on Brain Activation During Dual-Task Walking in Older Adults. 2019 , 74, 435-441	17
689	Minimal Detectable Change in Dual-Task Cost for Older Adults With and Without Cognitive Impairment. 2019 , 42, E32-E38	8
688	Brain Structure Covariance Associated With Gait Control in Aging. 2019 , 74, 705-713	27
687	Reliability and clinical feasibility of measuring dual-task gait in the inpatient rehabilitation setting following traumatic brain injury. 2019 , 35, 1336-1342	O
686	What is the therapeutic mechanism of pedunculopontine nucleus stimulation in Parkinson's disease?. 2019 , 128, 67-74	18
685	Consensus on Shared Measures of Mobility and Cognition: From the Canadian Consortium on Neurodegeneration in Aging (CCNA). 2019 , 74, 897-909	80
684	Motor-Cognitive Neural Network Communication Underlies Walking Speed in Community-Dwelling Older Adults. 2019 , 11, 159	8
683	Effects of Virtual Reality-Based Physical and Cognitive Training on Executive Function and Dual-Task Gait Performance in Older Adults With Mild Cognitive Impairment: A Randomized Control Trial. 2019 , 11, 162	73
682	Vibrotactile display design: Quantifying the importance of age and various factors on reaction times. 2019 , 14, e0219737	5
681	The Role of Working Memory on Dual-Task Cost During Walking Performance in Childhood. 2019 , 10, 1754	3
680	Mobility assessment in people with Alzheimer disease using smartphone sensors. 2019 , 16, 103	10
679	Differential Associations Between Distinct Components of Cognitive Function and Mobility: Implications for Understanding Aging, Turning and Dual-Task Walking. 2019 , 11, 166	21
678	Interpreting Prefrontal Recruitment During Walking After Stroke: Influence of Individual Differences in Mobility and Cognitive Function. 2019 , 13, 194	17
677	Cognition Predicts Mobility Change in Lower Extremity Amputees Between Discharge From Rehabilitation and 4-Month Follow-up: A Prospective Cohort Study. 2019 , 100, 2129-2135	3

676	Relationship Between Mood, Thinking, and Walking: A Systematic Review Examining Depressive Symptoms, Executive Function, and Gait. 2019 , 27, 1375-1383	12
675	Cognitive-motor exergaming for reducing fall risk in people with chronic stroke: A randomized controlled trial. 2019 , 44, 493-510	28
674	Mental Flexibility Influences the Association Between Poor Balance and Falls in Older People - A Secondary Analysis. 2019 , 11, 133	8
673	Effect of locomotor demands on cognitive processing. 2019 , 9, 9234	10
672	An Immersive Motor Protocol for Frailty Rehabilitation. 2019 , 10, 1078	8
671	Walking enhances peripheral visual processing in humans. 2019 , 17, e3000511	31
670	The influence of carrying an anterior load on attention demand and obstacle clearance before, during, and after obstacle crossing. 2019 , 237, 3313-3319	O
669	Autonomic Stress Response and Perceived Effort Jointly Inform on Dual Tasking in Aging. 2019 , 9,	2
668	Age-related Declines in Sensorimotor Proficiency are Specific to the Tested Motor Skill Component. 2019 , 2019, 654-659	
667	A new approach to quantifying the EEG during walking: Initial evidence of gait related potentials and their changes with aging and dual tasking. 2019 , 126, 110709	3
666	Validation of a digitally delivered visual paired comparison task: reliability and convergent validity with established cognitive tests. 2019 , 41, 441-454	7
665	From Emotions to Mood Disorders: A Survey on Gait Analysis Methodology. 2019 , 23, 2302-2316	14
664	The Effect of Spatial Ability on Immersive 3D Drawing. 2019 ,	14
663	Cognitive-Postural Interference in Multiple Sclerosis. 2019 , 10, 913	8
662	Gaze diversion affects cognitive and motor performance in young adults when stepping over obstacles. 2019 , 73, 273-278	3
661	Do Alzheimer's and Lewy body disease have discrete pathological signatures of gait?. 2019 , 15, 1367-1377	20
660	Reliability, validity, and agreement of the short-form Activities-specific Balance Confidence Scale in people with lower extremity amputations. 2019 , 43, 609-617	1
659	Postural Instability in Parkinson's Disease: A Review. 2019 , 9,	24

(2019-2019)

658	Recording mobile EEG in an outdoor environment reveals cognitive-motor interference dependent on movement complexity. 2019 , 9, 13086	28
657	Investigating Changes in Real-time Conscious Postural Processing by Older Adults during Different Stance Positions Using Electroencephalography Coherence. 2019 , 45, 410-423	5
656	Gray matter volume covariance networks associated with dual-task cost during walking-while-talking. 2019 , 40, 2229-2240	12
655	Emerging Technologies for Diagnosing Mild Traumatic Brain Injury. 2019 , 381-392	
654	Neck posture is influenced by anticipation of stepping. 2019 , 64, 108-122	4
653	Multi-modal neuroimaging of dual-task walking: Structural MRI and fNIRS analysis reveals prefrontal grey matter volume moderation of brain activation in older adults. 2019 , 189, 745-754	28
652	Gait abnormalities in minimally disabled people with Multiple Sclerosis: A 3D-motion analysis study. 2019 , 29, 100-107	23
651	Treading on the unknown increases prefrontal activity: A pilot fNIRS study. 2019 , 69, 96-100	4
650	Inertial wearables as pragmatic tools in dementia. 2019 , 127, 12-17	9
649	Effects of Age on Obstacle Avoidance while Walking and Deciphering Text versus Audio Phone Messages. 2019 , 65, 524-536	6
648	Positive Effects of Openness on Cognitive Aging in Middle-Aged and Older Adults: A 13-Year Longitudinal Study. 2019 , 16,	3
647	Structural Brain Volume Covariance Associated with Gait Speed in Patients with Amnestic and Non-Amnestic Mild Cognitive Impairment: A Double Dissociation. 2019 , 71, S29-S39	8
646	How Older Adults Cope with Cognitive Complexity and Environmental Constraints during Dual-Task Walking: The Role of Executive Function Involvement. 2019 , 16,	10
645	Dual vs. Single Tasking During Circular Walking: What Better Reflects Progression in Parkinson's Disease?. 2019 , 10, 372	4
644	No evidence of the effect of cognitive load on self-paced cycling performance. 2019 , 14, e0217825	7
643	Effect of Learning to Use a Mobility Aid on Gait and Cognitive Demands in People with Mild to Moderate Alzheimer's Disease: Part I - Cane. 2019 , 71, S105-S114	12
642	Effect of Learning to Use a Mobility Aid on Gait and Cognitive Demands in People with Mild to Moderate Alzheimer's Disease: Part II - 4-Wheeled Walker. 2019 , 71, S115-S124	10
641	Dual-Task Performance and Neurodegeneration: Correlations Between Timed Up-and-Go Dual-Task Test Outcomes and Alzheimer's Disease Cerebrospinal Fluid Biomarkers. 2019 , 71, S75-S83	17

640	Pre-frontal Cortical Activity During Walking and Turning Is Reliable and Differentiates Across Young, Older Adults and People With Parkinson's Disease. 2019 , 10, 536	27
639	Preventing Falls and Injuries and Healthy Ageing. 2019 , 133-144	
638	Is every-day walking in older adults more analogous to dual-task walking or to usual walking? Elucidating the gaps between gait performance in the lab and during 24/7 monitoring. 2019 , 16, 6	71
637	Executive Function Training in Connection with Falls on Elderly Thais. 2019 , 12, 137-149	
636	Exploring the Roles of Central and Peripheral Nervous System Function in Gait Stability: Preliminary Insights from Cancer Survivors. 2019 , 71, 62-68	11
635	Brain Activation Changes During Balance- and Attention-Demanding Tasks in Middle- and Older-Aged Adults With Multiple Sclerosis. 2019 , 1-20	6
634	Comparable walking gait performance during executive and non-executive cognitive dual-tasks in chronic stroke: A pilot study. 2019 , 71, 181-185	1
633	Changes in step time variability, not changes in step length and width, are associated with lower-trunk sway during dual-task gait in older adults. 2019 , 66, 157-163	2
632	Walking with adaptive augmented reality workspaces. 2019,	13
631	Balancing act(ion): Attentional and postural control strategies predict extent of infants perseveration in a sitting and reaching task. 2019 , 50, 13-21	7
630	A Multimodal Training Modulates Short Afferent Inhibition and Improves Complex Walking in a Cohort of Faller Older Adults With an Increased Prevalence of Parkinson's Disease. 2020 , 75, 722-728	9
629	Effects of exergame training combined with omega-3 fatty acids on the elderly brain: a randomized double-blind placebo-controlled trial. 2019 , 19, 81	7
628	Periventricular White Matter Abnormalities on Diffusion Tensor Imaging of Postural Instability Gait Disorder Parkinsonism. 2019 , 40, 609-613	4
627	Texting while walking: An expensive switch cost. 2019 , 127, 1-8	15
626	Concern About Falling Is Associated With Gait Speed, Independently From Physical and Cognitive Function. 2019 , 99, 989-997	11
625	Cognitive-motor interference in post-stroke individuals and healthy adults under different cognitive load and task prioritization conditions. 2019 , 31, 255-260	3
624	Longitudinal Assessment of Balance and Gait After Concussion and Return to Play in Collegiate Athletes. 2019 , 54, 429-438	13
623	Cognitive performance and brain dynamics during walking with a novel bionic foot: A pilot study. 2019 , 14, e0214711	4

622	Do Differences in Spatiotemporal Gait Parameters Predict the Risk of Developing Depression in Later Life?. 2019 , 67, 1050-1056	8
621	Overview of the cholinergic contribution to gait, balance and falls in Parkinson's disease. 2019 , 63, 20-30	28
620	Wearable-based Temporal Parameters of Gait in Circuitous Routes under Dual-Task Conditions. 2019 , 2019, 1224-1227	
619	Multisensory, Multi-Tasking Performance of Older Adults With and Without Subjective Cognitive Decline. 2019 , 32, 797-829	10
618	THE EFFECT OF VARIOUS CELL PHONE RELATED ACTIVITIES ON GAIT KINEMATICS. 2020 , 22,	2
617	The Intersection of Physical Function, Cognitive Performance, Aging, and Multiple Sclerosis: A Cross-sectional Comparative Study. 2019 , 32, 1-10	6
616	Abnormal Gait Recognition Using 3D Joint information of Multiple Kinects System and RNN-LSTM. 2019 , 2019, 542-545	7
615	Review of Gait, Cognition, and Fall Risks with Implications for Fall Prevention in Older Adults with Dementia. 2019 , 48, 17-29	23
614	General Mental Health Is Associated with Gait Asymmetry. 2019 , 19,	2
613	Detection and classification of multidirectional steps for motor-cognitive training in older adults using shoe-mounted inertial sensors. 2019 , 2019, 6926-6929	3
612	Perceived barriers and facilitators for gait-related participation in people after stroke: From a patients' perspective. 2021 , 37, 1337-1345	3
611	[Parkinson's syndromes in geriatric patients : Epidemiological, clinical and therapeutic characteristics]. 2019 , 90, 1279-1291	1
610	An Intelligent Action Recognition System to assess Cognitive Behavior for Executive Function Disorder. 2019 ,	4
609	Analysis of VR Sickness and Gait Parameters During Non-Isometric Virtual Walking with Large Translational Gain. 2019 ,	O
608	White matter correlates of gait perturbations resulting from spontaneous and lateralized attention in healthy older adults: A dual-task study. 2019 , 128, 110744	1
607	Freezing of Gait can persist after an acute levodopa challenge in Parkinson's disease. 2019 , 5, 25	22
606	Static and Dynamic Cognitive Performance in Youth and Collegiate Athletes With Concussion. 2021 , 31, 442-447	1
605	Role of motor and cognitive tasks in gait of individuals with mild cognitive impairment. 2019 , 42, 174-179	5

604	Alterations in dual-task walking persist two months after mild traumatic brain injury in young adults. 2019 , 3, 205970021987829	
603	Cognitive Function Is Associated With Mobility in Community Dwelling Older Adults With a History of Cardiovascular Disease. 2019 , 30, 86-93	4
602	Evaluating the Influence of Social Engagement on Cognitive Impairment and Mobility Outcomes Within the Boston RISE Cohort Study. 2019 , 98, 685-691	5
601	An Exploration of Falls and Dual Tasking. 2019 , 35, 190-198	2
600	Double-Tap Interaction as an Actuation Mechanism for On-Demand Cueing in Parkinson's Disease. 2019 , 19,	0
599	Effect of Acute Physical Exercise on Executive Functions and Emotional Recognition: Analysis of Moderate to High Intensity in Young Adults. 2019 , 10, 2774	11
598	Early Identification of Risk Factors for Mobility Decline Among Hospitalized Older Patients. 2019 , 98, 699-705	4
597	Hou je hoofd erbij! Een onderzoek naar valrisico. 2019 , 27, 109-113	
596	Changes in event-related potentials during dual task walking in aging and Parkinson's disease. 2019 , 130, 224-230	18
595	Monitoring multiple cortical regions during walking in young and older adults: Dual-task response and comparison challenges. 2019 , 135, 63-72	21
594	Medication status and dual-tasking on turning strategies in Parkinson disease. 2019 , 396, 206-212	4
593	A randomized controlled trial protocol to test the efficacy of a dual-task multicomponent exercise program in the attenuation of frailty in long-term nursing home residents: Aging-ON study. 2019 , 19, 6	17
592	Interventions to Improve Gait in Older Adults with Cognitive Impairment: A Systematic Review. 2019 , 67, 381-391	18
591	Learning to shape virtual patient locomotor patterns: internal representations adapt to exploit interactive dynamics. 2019 , 121, 321-335	2
590	[Influence of dual-tasking on straight ahead and curved walking in older adults]. 2019 , 52, 673-679	3
589	The Effects of Dual-Task Training on Patient Outcomes of Institutionalized Elderly Having Chronic Stroke. 2018 , 8, 328-332	8
588	Catch the ruler: concurrent validity and test-retest reliability of the ReacStick measures of reaction time and inhibitory executive function in older people. 2019 , 31, 1147-1154	8
587	Effects of Age on Dual-Task Walking While Listening. 2019 , 51, 416-427	14

(2020-2019)

586	Clinical differences in patients with Parkinson's disease according to tandem gait performance. 2019 , 60, 93-95	2
585	Dual-Task Tandem Gait and Average Walking Speed in Healthy Collegiate Athletes. 2019 , 29, 238-244	19
584	The dual task effect on gait in adults with intellectual disabilities: is it predictive for falls?. 2019 , 41, 26-32	3
583	The Effects of Age and Hearing Loss on Dual-Task Balance and Listening. 2019 , 74, 275-283	20
582	Concurrent validity of the Groningen Meander Walking and Timed Up and Go tests in older adults with dementia. 2020 , 36, 1432-1437	3
581	Diminished Locomotor Control Is Associated With Reduced Neurovascular Coupling in Older Adults. 2020 , 75, 1516-1522	5
580	Determining the utility of a smartphone-based gait evaluation for possible use in concussion management. 2020 , 48, 75-80	7
579	Does Cognitive Impairment Influence Visual-Somatosensory Integration and Mobility in Older Adults?. 2020 , 75, 581-588	9
578	Multimorbidity and Cognitive Decline Over 14 Years in Older Americans. 2020 , 75, 1206-1213	36
577	Cognitive control processes associated with successful gait performance in dual-task walking in healthy young adults. 2020 , 84, 1766-1776	3
576	Executive functions and working memory in motor control: Does the type of MCI matter?. 2020 , 27, 580-588	1
575	Turn Characteristics During Gait Differ With and Without a Cognitive Demand Among College Athletes. 2020 , 29, 448-453	1
574	Examining Relationships between Multiple Self-Reported Sleep Measures and Gait Domains in Cognitively Healthy Older Adults. 2020 , 66, 47-54	3
573	Spatiotemporal gait characteristics of Huntington's disease during dual-task walking. 2020 , 130, 136-143	3
572	Dual-task prioritization during overground and treadmill walking in healthy adults. 2020 , 75, 109-114	11
57 ¹	Dual-Task Gait Assessment in a Clinical Sample: Implications for Improved Detection of Mild Cognitive Impairment. 2020 , 75, 1372-1381	5
570	Exercise in the first week following concussion among collegiate athletes: Preliminary findings. 2020 , 23, 112-117	10
569	Effects of Fatigue on Balance Recovery From Unexpected Trips. 2020 , 62, 919-927	9

568	Impact of dual-tasking on mobility tasks in Parkinson's disease as described through 2D kinematic analysis. 2020 , 32, 835-840	2
567	Using a dual-task paradigm to investigate motor and cognitive performance in children with intellectual disability. 2020 , 33, 172-179	4
566	Self-Reported Head Trauma Predicts Poor Dual Task Gait in Retired National Football League Players. 2020 , 87, 75-83	3
565	Chronic Pain Characteristics and Gait in Older Adults: The MOBILIZE Boston Study II. 2020 , 101, 418-425	9
564	Validation of a Motor-Cognitive Assessment for a Stepping Exergame in Older Adults: Use of Game-Specific, Internal Data Stream. 2020 , 9, 95-107	4
563	The Importance of Cognitive Executive Functions in Gait Recovery After Total Hip Arthroplasty. 2020 , 101, 579-586	2
562	The Dual-Tasking Texting Effect of Cell Phone Technology on Walking. 2020 , 2, 1-14	
561	Shared neural recruitment across working memory and motor control tasks as a function of task difficulty and age. 2020 , 27, 864-879	О
560	Community-dwelling older adults with mild cognitive impairments show subtle visual attention costs when descending stairs. 2020 , 69, 102561	1
559	Transitioning to a microprocessor-controlled prosthetic knee: Executive functioning during single and dual-task gait. 2020 , 44, 27-35	1
558	Activity in the prefrontal cortex during motor imagery of precision gait: an fNIRS study. 2020, 238, 221-228	8
557	Prefrontal Cortical Activation With Open and Closed-Loop Tactile Cueing When Walking and Turning in Parkinson Disease: A Pilot Study. 2020 , 44, 121-131	13
556	Effects of Computerized Cognitive Training on Physical Mobility in Community-Dwelling Older Adults With Cardiovascular Disease: A Pilot Study. 2020 , 31, 105-112	О
555	Daily function, not motor or cognitive status, relates stronger with mobility in people with Parkinson disease. 2020 , 41, 59-67	
554	Lower Thalamic Blood Flow Is Associated With Slower Stride Velocity in Older Adults. 2020 , 12, 571074	1
553	No panacea? Tai Chi enhances motoric but not executive functioning in a normal aging population. 2021 , 28, 645-668	1
552	Nutrition and exercise interventions could ameliorate age-related cognitive decline: a meta-analysis of randomized controlled trials. 2021 , 33, 1799-1809	4
551	Restricted Arm Swing in People With Parkinson's Disease Decreases Step Length and Time on Destabilizing Surfaces. 2020 , 11, 873	O

(2020-2020)

550	Inter-Session Reliability of Functional Near-Infrared Spectroscopy at the Prefrontal Cortex While Walking in Multiple Sclerosis. 2020 , 10,	5
549	Systolic blood pressure dipping may be associated with mobility impairment and brain volume in community-dwelling older adults: An exploratory study. 2020 , 141, 111100	2
548	A Cross-species Model of Dual-Task Walking in Young and Older Humans and Rats. 2020 , 12, 276	1
547	Correlates of dual-task performance in people with multiple sclerosis: A systematic review. 2020 , 81, 172-182	7
546	Dichotic listening while walking: A dual-task paradigm examining gait asymmetries in healthy older and younger adults. 2020 , 42, 794-810	2
545	Obstacle Negotiation in Older Adults: Prefrontal Activation Interpreted Through Conceptual Models of Brain Aging. 2020 , 4, igaa034	4
544	Diurnal gait fluctuations in single- and dual- task conditions. 2020 , 37, 836-844	3
543	Effects of a 16-week multimodal exercise program on gait performance in individuals with dementia: a multicenter randomized controlled trial. 2020 , 20, 245	3
542	The patients' perspective on the perceived difficulties of dual-tasking: development and validation of the Dual-task Impact on Daily-living Activities Questionnaire (DIDA-Q). 2020 , 46, 102601	1
541	Prospective Longitudinal Study of Gait and Balance in a Cohort of Elderly Essential Tremor Patients. 2020 , 11, 581703	6
540	Effects of cognitive and motor dual-tasks on oropharyngeal swallowing assessed with FEES in healthy individuals. 2020 , 10, 20403	5
539	Functional Status Is Associated With Prefrontal Cortex Activation in Gait in Subacute Stroke Patients: A Functional Near-Infrared Spectroscopy Study. 2020 , 11, 559227	3
538	Alterations in Degree Centrality and Functional Connectivity in Parkinson's Disease Patients With Freezing of Gait: A Resting-State Functional Magnetic Resonance Imaging Study. 2020 , 14, 582079	13
537	Cortical brain activity in transfemoral or knee-disarticulation prosthesis users performing single-and dual-task walking activities. 2020 , 7, 2055668320964109	1
536	Dual-Task Tests Predict Conversion to Dementia-A Prospective Memory-Clinic-Based Cohort Study. 2020 , 17,	3
535	Laboratory versus daily life gait characteristics in patients with multiple sclerosis, Parkinson's disease, and matched controls. 2020 , 17, 159	10
534	Validity and sensitivity of instrumented postural and gait assessment using low-cost devices in Parkinson's disease. 2020 , 17, 149	4
533	Trunk balance control during beam walking improves with the haptic anchors without the interference of an auditory-cognitive task in older adults. 2020 , 81, 166-171	3

532	The impact of cognitive functioning on driving performance of older persons in comparison to younger age groups: A systematic review. 2020 , 73, 433-452	9
531	Effects of age on listening and postural control during realistic multi-tasking conditions. 2020 , 73, 102664	5
530	Dual-task tests discriminate between dementia, mild cognitive impairment, subjective cognitive impairment, and healthy controls - a cross-sectional cohort study. 2020 , 20, 258	11
529	Dissociated motor learning and de-adaptation in patients with functional gait disorders. 2020 , 143, 2594-260	6 ₇
528	Effects of exergames and cognitive-motor dual-task training on cognitive, physical and dual-task functions in cognitively healthy older adults: An overview. 2020 , 63, 101135	11
527	Does attention switching between multiple tasks affect gait stability and task performance differently between younger and older adults?. 2020 , 238, 2819-2831	1
526	Ankle-foot orthoses improve walking but do not reduce dual-task costs after stroke. 2021 , 28, 463-473	
525	Gait plasticity impairment as an early frailty biomarker. 2020 , 142, 111137	3
524	Exploring motor-cognitive interference in children with Down syndrome using the Trail-Walking-Test. 2020 , 106, 103769	2
523	Influences of Dual-Task Training on Walking and Cognitive Performance of People With Relapsing Remitting Multiple Sclerosis: Randomized Controlled Trial. 2020 , 19, 1-8	1
522	Sensor Fusion for Analysis of Gait under Cognitive Load: Deep Learning Approach. 2020,	1
521	The Effects of Transcranial Direct Current Stimulation (tDCS) on Balance Control in Older Adults: A Systematic Review and Meta-Analysis. 2020 , 12, 275	3
520	Gait Impairments and Postural Instability in Parkinson® Disease on the Background of Chronic Stimulation of Subcortical Structures. 2020 , 50, 676-682	
519	Multitasking and Time Pressure in the Operating Room: Impact on Surgeons' Brain Function. 2020 , 272, 648-657	4
518	Comparing 16 Different Dual-Tasking Paradigms in Individuals With Multiple Sclerosis and Healthy Controls: Working Memory Tasks Indicate Cognitive-Motor Interference. 2020 , 11, 918	4
517	Measuring Gait-Event-Related Brain Potentials (gERPs) during Instructed and Spontaneous Treadmill Walking: Technical Solutions and Automated Classification through Artificial Neural Networks. 2020 , 10, 5405	
516	Combining Frontal Transcranial Direct Current Stimulation With Walking Rehabilitation to Enhance Mobility and Executive Function: A Pilot Clinical Trial. 2021 , 24, 950-959	0
515	An Evaluation of Symmetries in Ground Reaction Forces during Self-Paced Single- and Dual-Task Treadmill Walking in the Able-Bodied Men. 2020 , 12, 2101	2

(2020-2020)

514	Resting state connectivity within the basal ganglia and gait speed in older adults with cerebral small vessel disease and locomotor risk factors. 2020 , 28, 102401	2
513	The effect of text-based math task on dynamic stability control during stair descent. 2020 , 113, 110088	
512	Postural Control While Walking Interferes With Spatial Learning in Older Adults Navigating in a Real Environment. 2020 , 12, 588653	2
511	Association Between Motor and Cognitive Performances in Elderly With Atrial Fibrillation: Strat-AF Study. 2020 , 11, 571978	2
510	The Effects of Systematic Environmental Manipulation on Gait of Older Adults. 2020, 8,	Ο
509	Executive Functions Are Associated with Fall Risk but not Balance in Chronic Cerebrovascular Disease. 2020 , 9,	2
508	Can dual-task paradigms predict Falls better than single task? - A systematic literature review. 2020 , 50, 401-440	15
507	People With Parkinson's Disease Exhibit Reduced Cognitive and Motor Cortical Activity When Undertaking Complex Stepping Tasks Requiring Inhibitory Control. 2020 , 34, 1088-1098	10
506	Prospective analysis of gait characteristics in chronic inflammatory demyelinating polyradiculoneuropathy. 2020 , 80, 6-10	1
505	The impact of distinct cognitive dual-tasks on gait in Parkinson's disease and the associations with the clinical features of Parkinson's disease. 2021 , 42, 2775-2783	6
504	Effects of robot-assisted gait training combined with virtual reality on motor and cognitive functions in patients with multiple sclerosis: A pilot, single-blind, randomized controlled trial. 2020 , 38, 151-164	5
503	Walking while Talking in Older Adults with Chronic Kidney Disease. 2020 , 15, 665-672	3
502	Smartphone-Based Answering to School Subject Questions Alters Gait in Young Digital Natives. 2020 , 8, 187	
501	Increased prefrontal cortical activation during challenging walking conditions in persons with lower limb amputation - an fNIRS observational study. 2020 , 1-11	3
500	Regional Associations of Cortical Thickness With Gait Variability-The Tasmanian Study of Cognition and Gait. 2020 , 75, 1537-1544	5
499	Absent Arm Swing and Dual Tasking Decreases Trunk Postural Control and Dynamic Balance in People With Parkinson's Disease. 2020 , 11, 213	7
498	Does texting make you slower?. 2020 , 1	1
497	Laboratory-Based Gait Variability and Habitual Gait Entropy Do Not Differentiate Community-Dwelling Older Adults from Those with Subjective Memory Complaints. 2020 , 80, 20-25	3

496	What does real-world walking mean to people with stroke? An interpretive descriptive study. 2020, 1-8	2
495	Effects of a Dual-Task Paradigm and Gait Velocity on Dynamic Gait Stability during Stair Descent. 2020 , 10, 1979	2
494	Dual-Task Effects on Performance of Gait and Balance in People with Knee Pain: A Systematic Scoping Review. 2020 , 9,	6
493	Characterizing cognitive-motor impairments in patients with myotonic dystrophy type 1. 2020 , 30, 510-520	1
492	A 10-week yoga practice has no effect on cognition, but improves balance and motor learning by attenuating brain-derived neurotrophic factor levels in older adults. 2020 , 138, 110998	7
491	Does surface slope affect dual task performance and gait? An exploratory study in younger and older adults. 2020 , 238, 1577-1589	1
490	What are the factors affecting dual-task gait performance in people after stroke?. 2020, 1-8	5
489	Exoskeleton-assisted gait in chronic stroke: An EMG and functional near-infrared spectroscopy study of muscle activation patterns and prefrontal cortex activity. 2020 , 131, 1775-1781	6
488	Mobility and Cognitive Decline in Older Adults with Cognitive Impairment. 2020, 701-716	
487	Effects of Simultaneously Performed Dual-Task Training with Aerobic Exercise and Working Memory Training on Cognitive Functions and Neural Systems in the Elderly. 2020 , 2020, 1-17	8
486	Complex Movement Control in a Rat Model of Parkinsonian Falls: Bidirectional Control by Striatal Cholinergic Interneurons. 2020 , 40, 6049-6067	11
485	What Is the Relationship Between Orthostatic Blood Pressure and Spatiotemporal Gait in Later Life?. 2020 , 68, 1286-1292	2
484	Adiponectin and Cognitive Decline. 2020 , 21,	26
483	Effects of simultaneous cognitive and aerobic exercise training on dual-task walking performance in healthy older adults: results from a pilot randomized controlled trial. 2020 , 20, 83	10
482	Altered Functional Connectivity in the Motor and Prefrontal Cortex for Children With Down's Syndrome: An fNIRS Study. 2020 , 14, 6	10
481	Mobile Brain/Body Imaging of cognitive-motor impairment in multiple sclerosis: Deriving EEG-based neuro-markers during a dual-task walking study. 2020 , 131, 1119-1128	5
480	The relationship between cognitive decline and motor dysfunction in Parkinson disease: A focused mini-review on cognitive-locomotor dual-task interference. 2020 , 8, 372-377	О
479	How perception of personal space influence obstacle avoidance during walking: differences between young and older adults. 2020 , 23, 31-38	1

(2020-2020)

478	Effect of Mental Fatigue on Postural Sway in Healthy Older Adults and Stroke Populations. 2020 , 10,	4
477	Exploring the Relative Effects of Body Position and Spatial Cognition on Presence When Playing Virtual Reality Games. 2020 , 36, 1683-1698	1
476	The effects of cognitive-motor training interventions on executive functions in older people: a systematic review and meta-analysis. 2020 , 17, 9	28
475	Investigation of the Effects of Dual-Task Balance Training on Gait and Balance in Transfemoral Amputees: A Randomized Controlled Trial. 2020 , 101, 1675-1682	6
474	Ankle control differentiation as a mechanism for mobility limitations. 2020 , 732, 135085	
473	The Impact of 12-Week Jaques-Dalcroze Eurhythmics Programme on the Dynamic Agility in Single-Dual-Task Conditions in Older Women: A Randomized Controlled Trial. 2020 , 2020, 9080697	1
472	Motor, cognitive and mobility deficits in 1000 geriatric patients: protocol of a quantitative observational study before and after routine clinical geriatric treatment - the ComOn-study. 2020 , 20, 45	7
47 ¹	Rhythm-Motor Dual Task Intervention for Fall Prevention in Healthy Older Adults. 2019 , 10, 3027	3
470	Goalkeeper Game: A New Assessment Tool for Prediction of Gait Performance Under Complex Condition in People With Parkinson's Disease. 2020 , 12, 50	
469	The role of physical exercise and rehabilitation in delirium. 2020 , 11, 83-93	6
468	Cortical Oscillations during Gait: Wouldn't Walking be so Automatic?. 2020 , 10,	6
468	Cortical Oscillations during Gait: Wouldn't Walking be so Automatic?. 2020 , 10, Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit from Sleep Apnea Treatment. 2020 , 9,	
,	Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit	6
467	Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit from Sleep Apnea Treatment. 2020 , 9,	6
467	Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit from Sleep Apnea Treatment. 2020 , 9, A usability study of a multicomponent video game-based training for older adults. 2020 , 17, 3 Relations of Executive Function and Physical Performance in Middle Adulthood: A Prospective	20
467 466 465	Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit from Sleep Apnea Treatment. 2020, 9, A usability study of a multicomponent video game-based training for older adults. 2020, 17, 3 Relations of Executive Function and Physical Performance in Middle Adulthood: A Prospective Investigation in African American and White Adults. 2020, 75, e56-e68 Stepping forward, stepping backward: a movement-related cortical potential study unveils	6 20 23
467 466 465 464	Obstructive Sleep Apnea in Neurodegenerative Disorders: Current Evidence in Support of Benefit from Sleep Apnea Treatment. 2020, 9, A usability study of a multicomponent video game-based training for older adults. 2020, 17, 3 Relations of Executive Function and Physical Performance in Middle Adulthood: A Prospective Investigation in African American and White Adults. 2020, 75, e56-e68 Stepping forward, stepping backward: a movement-related cortical potential study unveils distinctive brain activities. 2020, 388, 112663	6 20 23 0

460	The effects of cycle and treadmill desks on work performance and cognitive function in sedentary workers: A review and meta-analysis. 2020 , 65, 537-545	7
459	Reliability of walking speed in basic and complex conditions in healthy, older community-dwelling individuals. 2021 , 33, 311-317	3
458	Attention, working-memory control, working-memory capacity, and sport performance: The moderating role of athletic expertise. 2021 , 21, 240-249	8
457	Spatial-Temporal Parameters of Gait Associated With Alzheimer Disease: A Longitudinal Analysis. 2021 , 34, 46-59	1
456	Does dual-tasking provide additional value in timed "up and go" test for predicting the occurrence of falls? A longitudinal observation study by age group (young-older or old-older adults). 2021 , 33, 77-84	5
455	Impact of depression on gait variability in Parkinson's disease. 2021 , 200, 106324	1
454	Structural and functional brain signatures of endurance runners. 2021 , 226, 93-103	2
453	Changes in the EEG spectral power during dual-task walking with aging and Parkinson's disease: initial findings using Event-Related Spectral Perturbation analysis. 2021 , 268, 161-168	6
452	Effect of cognitive and motor dual-task on oropharyngeal swallowing in Parkinson's disease. 2021 , 28, 754-762	3
451	Functional and cognitive responses to caffeine intake in middle-aged women are dose depending. 2021 , 397, 112956	5
450	Cognitive decline negatively impacts physical function. 2021 , 143, 111164	3
449	Predictive factors of cognitive impairment in people over 60. 2021 , 31, 91-98	1
448	Variability of Movement Disorders: The Influence of Sensation, Action, Cognition, and Emotions. Movement Disorders, 2021 , 36, 581-593	3
447	Cognitive-Motor Interference Heightens the Prefrontal Cortical Activation and Deteriorates the Task Performance in Children With Hemiplegic Cerebral Palsy. 2021 , 102, 225-232	O
446	Peripheral visual perception during natural overground dual-task walking in older and younger adults. 2021 , 98, 146-159	5
445	A short digital eye-tracking assessment predicts cognitive status among adults. 2021 , 43, 297-308	6
444	Continuous gait monitoring discriminates community-dwelling mild Alzheimer's disease from cognitively normal controls. 2021 , 7, e12131	5
443	The Effects of Mindful Movement Intervention on Academic and Cognitive Abilities Among Kindergarten Children. 1	

442	Hemodynamic and behavioral changes in older adults during cognitively demanding dual tasks. 2021 , 11, e02021	7
441	Progression of Gait Changes in Older Adults With Mild Cognitive Impairment: A Systematic Review. 2021 , 44, 119-124	O
440	Physical Mobility and Balance Performance Differs in Older Cancer Survivors With Impaired Executive Function. 2021 , 39, 31-37	О
439	Exploring the cognitive demands required for young adults to adjust online obstacle avoidance strategies. 2021 , 239, 1009-1019	1
438	Freezing of Gait in Parkinson's Disease: Risk Factors, Their Interactions, and Associated Nonmotor Symptoms. 2021 , 2021, 8857204	7
437	Repetitive Transcranial Magnetic Stimulation for Improving Cognitive Function in Patients With Mild Cognitive Impairment: A Systematic Review. 2020 , 12, 593000	8
436	Comparing the Effects of Single-Task versus Dual-Task Balance Training on Gait Smoothness and Functional Balance in Community-Dwelling Older Adults: A Randomized Controlled Trial. 2021 , 1-8	О
435	Prefrontal Cortex Involvement during Dual-Task Stair Climbing in Healthy Older Adults: An fNIRS Study. 2021 , 11,	1
434	Dual tasking interferes with dynamic balance in young and old healthy adults. 2021, 41, 155-162	
433	Do cognitive performance and physical function differ between individuals with motoric cognitive risk syndrome and those with mild cognitive impairment?. 2021 , 21, 36	3
432	Changes in prefrontal cortical activation during motor imagery of precision gait with age and task difficulty. 2021 , 399, 113046	3
431	Neuroimaging, Behavioral, and Gait Correlates of Fall Profile in Older Adults. 2021 , 13, 630049	
430	Investigating the feasibility and acceptability of the HOLOBalance system compared with standard care in older adults at risk for falls: study protocol for an assessor blinded pilot randomised controlled study. 2021 , 11, e039254	2
429	Effects of Nonelastic Taping and Dual Task on Kinematics and Kinetics of the Ankle Joint. 2021 , 2021, 8866453	
428	A non-linear analysis of running in the heavy and severe întensity domains. 2021 , 121, 1297-1313	4
427	Rivastigmine improves dual-task gait velocity in patients with Alzheimer's disease. 2021 , 21, 61	
426	Functional Gait Can Be Affected by Noise: Effects of Age and Cognitive Function: A Pilot Study. 2021 , 12, 634395	
425	Regularity of kinematic data between single and dual-task treadmill walking in people with Parkinson's disease. 2021 , 18, 20	1

424	Virtual reality-based assessment of cognitive-locomotor interference in healthy young adults. 2021 , 18, 53	5
423	The Application of P300-Long-Latency Auditory-Evoked Potential in Parkinson Disease 2022 , 26, e158-e166	1
422	Reduction of falls in a rat model of PD falls by the M1 PAM TAK-071. 2021 , 238, 1953-1964	5
421	Attention and sensory integration for postural control in young adults with autism spectrum disorders. 2021 , 239, 1417-1426	O
420	Distinct cortical thickness patterns link disparate cerebral cortex regions to select mobility domains. 2021 , 11, 6600	2
419	Effects of a multimodal exercise intervention on physical and cognitive functions in patients with chronic low back pain (MultiMove): study protocol for a randomized controlled trial. 2021 , 21, 151	1
418	Gait Performance as an Indicator of Cognitive Deficit in Older People. 2021 , 18,	1
417	Why Do They Fall? The Impact of Insomnia on Gait of Older Adults: A Case-Control Study. 2021 , 13, 329-338	3
416	Predictive factors of cognitive impairment in people over 60. 2021 , 31, 91-98	
415	Coordination between motor and cognitive tasks in dual task gait. 2021 , 85, 138-144	4
414	Feasibility of a rhythmic auditory stimulation gait training program in community-dwelling adults after TBI: A case report. 2021 , 48, 221-230	1
413	The Beneficial Effects of Cognitive Walking Program on Improving Cognitive Function and Physical Fitness in Older Adults. 2021 , 9,	1
412	Dual-Tasking Effects on Gait and Turning Performance of Stroke Survivors with Diabetic Peripheral Neuropathy. 2021 , 28, 63-71	
411	The influence of decision making and divided attention on lower limb biomechanics associated with anterior cruciate ligament injury: a narrative review. 2021 , 1-16	8
410	Trunk Postural Control Strategies Among Persons With Lower-Limb Amputation While Walking and Performing a Concurrent Task. 2021 , 37, 139-144	
409	Frailty and Cognitive Function in Older Adults: A Systematic Review and Meta-Analysis of Cross-Sectional Studies. 2021 , 1	1
408	Effects of physical and cognitive training on gait speed and cognition in older adults: A randomized controlled trial. 2021 , 31, 1518-1533	4
407	Think about it: Cognitive-motor dual-tasking affects sub-regional spine responses to unexpected	О

406	A randomized sham-controlled trial on the effect of continuous positive airway pressure treatment on gait control in severe obstructive sleep apnea patients. 2021 , 11, 9329	0
405	The Differential Effect of First-Time Single-Point Cane Use between Healthy Young and Older Adults. 2021 ,	О
404	The Influence of Cognitive Dual Tasks on Concussion Balance Test Performance. 2021 , 25, 252-263	O
403	Effects of acute exercise at different intensities on fine motor-cognitive dual-task performance while walking: A functional near-infrared spectroscopy study. 2021 ,	О
402	Synergistic associations of cognitive and motor impairments with functional outcome in covert cerebral small vessel disease.	
401	Rhythmic interlimb coordination of the lower limbs in multiple sclerosis during auditory pacing to three different frequencies. 2021 , 86, 334-340	2
400	Biomechanical and cognitive interactions during Visuo Motor Targeting Task. 2021, 86, 287-291	1
399	The Effects of Exergame on Postural Control in Individuals with Ataxia: a Rater-Blinded, Randomized Controlled, Cross-over Study. 2021 , 1	2
398	Spatio-temporal gait parameters obtained from foot-worn inertial sensors are reliable in healthy adults in single- and dual-task conditions. 2021 , 11, 10229	7
397	Cognitive and motor slowing mediate the relationship between depression and falls in multiple sclerosis patients. 2021 , 50, 102808	1
396	Errors in cognitive performance trigger postural instability in Parkinson's disease. 2021 , 86, 91-96	
395	Baseline cognitive profile is closely associated with long-term motor prognosis in newly diagnosed Parkinson's disease. 2021 , 268, 4203-4212	1
394	Associations of word memory, verbal fluency, processing speed and crystallised cognitive ability with one-legged balance performance in mid and later life. 2021 ,	
393	The Role of Cognition When Executing an Online, Visually Evoked Adjustment to an Obstacle Circumvention Strategy. 2021 , 1-12	
392	NATURAL PRIORITIZATION TENDENCIES DURING TEXTING WHILE WALKING. 2021 , 24, 2150010	0
391	Effects of gait adaptability training on falls and fall-related fractures in older adults: a systematic review and meta-analysis. 2021 , 50, 1914-1924	3
390	Age-related changes in children's cognitive-motor dual tasking: Evidence from a large cross-sectional sample. 2021 , 206, 105103	2
389	Beyond the Mini-Mental State Examination: The Use of Physical and Spatial Navigation Tests to Help to Screen for Mild Cognitive Impairment and Alzheimer's Disease. 2021 , 81, 1243-1252	o

388	Strategies for maintaining dynamic balance in persons with neurological disorders during overground walking. 2021 , 235, 1079-1087	1
387	Home-based exercise program for older adults with Motoric Cognitive Risk syndrome: feasibility study. 2021 , 11, 221-228	Ο
386	Age-based comparison of gait asymmetry using unilateral ankle weights. 2021 , 87, 11-18	1
385	Cognitive-motor Interference in Individuals With a Neurologic Disorder: A Systematic Review of Neural Correlates. 2021 , 34, 79-95	2
384	The course of gait speed during a 400m walk test of mobility limitations in community-dwelling older adults. 2021 , 54, 768-774	О
383	Proof of Concept of Novel Visuo-Spatial-Motor Fall Prevention Training for Old People. 2021 , 6,	
382	Prefrontal cortex activation during dual-task walking in older adults is moderated by thickness of several cortical regions. 2021 , 43, 1959-1974	3
381	Gait Variability and Complexity during Single and Dual-Task Walking on Different Surfaces in Outdoor Environment. 2021 , 21,	O
380	Targeted tDCS Mitigates Dual-Task Costs to Gait and Balance in Older Adults. 2021 , 90, 428-439	4
379	A comparison of physical exercise and cognitive training interventions to improve determinants of functional mobility in healthy older adults. 2021 , 149, 111331	4
378	Biomechanical effects of the addition of a precision constraint on a collective load carriage task.	
377	Can Task Specificity Impact tDCS-Linked to Dual Task Training Gains in Parkinson's Disease? A Protocol for a Randomized Controlled Trial. 2021 , 13, 684689	2
376	Regional brain volumes relate to Alzheimer's disease cerebrospinal fluid biomarkers and neuropsychometry: A cross-sectional, observational study. 2021 , 16, e0254332	2
375	Evidence for a Specific Association Between Sustained Attention and Gait Speed in Middle-to-Older-Aged Adults. 2021 , 13, 703434	2
374	Dementia and Physical Therapy.	
373	Dual task gait deteriorates gait performance in cervical dystonia patients: a pilot study. 2021 , 128, 1677-1685	0
372	The association between white matter hyperintensity volume and gait performance under single and dual task conditions in older people with dementia: A cross-sectional study. 2021 , 95, 104427	2
371	Exergames Training Effects on Gait During Single and Dual Tasks in Sexagenarian Women. 2021 , 10, 321-329	O

(2021-2021)

370	Assessment of gait in patients with fibromyalgia during motor and cognitive dual task walking: a cross-sectional study. 2021 , 61, 53	1
369	The effect of dual-task testing on the balance and gait of people with lower limb amputations: A systematic review. 2021 ,	Ο
368	Gait Activity Classification Using Multi-Modality Sensor Fusion: A Deep Learning Approach. 2021 , 21, 16870-16879	2
367	Spatiotemporal Analysis by Deep Learning of Gait Signatures From Floor Sensors. 2021 , 21, 16904-16914	Ο
366	Discourse performance and related cognitive function in mild cognitive impairment and dementia: A preliminary study. 2021 , 1-10	2
365	Motor Learning Based on Oscillatory Brain Activity Using Transcranial Alternating Current Stimulation: A Review. 2021 , 11,	2
364	Augmented Reality as a research tool: investigating cognitive-motor dual-task during outdoor navigation. 2021 , 152, 102644	3
363	Reliability and Minimal Detectable Change for a Smartphone-Based Motor-Cognitive Assessment: Implications for Concussion Management. 2021 , 37, 380-387	Ο
362	Mobile Phone Use during Gait: The Role of Perceived Prioritization and Executive Control. 2021, 18,	3
361	The effect of first-time 4-wheeled walker use on the gait of younger and older adults. 2021,	1
360	The Impact of SARS-CoV-2 (COVID-19) and its Lockdown Measures on the Mental and Functional Health of Older Individuals. 2021 , 92, 1759-1769	
359	Gait Assessment in College Athletes: Do Concussion History, Symptoms, Gender, and Type of Sport Matter?. 2021 , 30, 988-999	2
358	Association between subjective cognitive decline and falls in middle-aged adults. 2021, 1-4	
357	Impaired Inhibitory Control During Walking in Parkinson's Disease Patients: An EEG Study. 2021 ,	Ο
356	Anteroposterior and mediolateral postural adaptations during single and duals tasks in healthy young adults. 84-91	Ο
355	Effects of cognitive workload on heart and locomotor rhythms coupling. 2021 , 762, 136140	2
354	Synergistic associations of cognitive and motor impairments with functional outcome in covert cerebral small vessel disease. 2022 , 29, 158-167	2
353	A New Paradigm for the Study of Cognitive Flexibility in Children and Adolescents: The "Virtual House Locomotor Maze" (VHLM). 2021 , 12, 708378	2

352	Dual-task treadmill walking at self-paced versus fixed speeds. 2021 , 89, 92-101	1
351	Feasibility and effectiveness of interactive stepping exercise on community-dwelling older adults: A pilot randomized controlled trial. 2021 , 42, 1099-1104	O
350	Dual-Task-Based Drum Playing with Rhythmic Cueing on Motor and Attention Control in Patients with Parkinson's Disease: A Preliminary Randomized Study. 2021 , 18,	1
349	Early Life Adversity and Polygenic Risk for High Fasting Insulin Are Associated With Childhood Impulsivity. 2021 , 15, 704785	1
348	Modifications in Prefrontal Cortex Oxygenation in Linear and Curvilinear Dual Task Walking: A Combined fNIRS and IMUs Study. 2021 , 21,	2
347	Role of age and sex on dual tasking using a treadmill desk while performing cognitive tests. 2021 , 90, 148-153	O
346	???????????dual-task ?????????. 2021 , 12, 141-148	
345	The Cognitive-Vestibular Compensation Hypothesis: How Cognitive Impairments Might Be the Cost of Coping With Compensation. 2021 , 15, 732974	o
344	????????????????????????????????. 2021 , 12, 106-112	
343	Associations between clinical characteristics and dual task performance in Multiple Sclerosis depend on the cognitive and motor dual tasks used. 2021 , 56, 103230	1
342	Investigation of balance performance under different sensory and dual-task conditions in patients with chronic neck pain. 2021 , 56, 102449	
341	Sex differences in the impact of state and trait fatigue on gait variability. 2021 , 80, 102884	2
340	Motorische Entwicklung Ber die Lebensspanne. 2021 , 1-32	
339	Associations Between Physical and Executive Functions Among Community-Dwelling Older Men and Women. 2021 , 1-8	o
338	Gait Disorders in Patients with Cognitive Impairment or Dementia. 2014, 17-44	5
337	Physical Activity, Cardiorespiratory Fitness, and Cognition Across the Lifespan. 2013 , 235-252	9
336	Falls in Older Adults with MCI and Alzheimer Disease. 2020 , 211-228	1
335	Depression, Fear of Falling, Cognition and Falls. 2020 , 49-66	5

(2015-2016)

334	2016 , 117-134	1
333	Leveraging Wireless Sensors and Smart Phones to Study Gait Variability. 2011 , 95-111	1
332	Classification of Stance and Swing Gait States during Treadmill Walking from Non-invasive Scalp Electroencephalographic (EEG) Signals. 2013 , 507-511	5
331	Neurokognition und Bewegung. 2020 , 69-88	2
330	Gait Disorders and Falls. 2010 , 23, 21-32	11
329	Enhancement of the Chinese Movement Specific Reinvestment Scale in Older Adults. 2015 , 28, 137-141	4
328	Deficits in Selective Attention Alter Gait in Frail Older Adults. 2016 , 29, 29-36	4
327	The coefficient of friction in Parkinson's disease gait. 2017 , 32, 17-22	3
326	Randomized Clinical Trial of Water-Based Aerobic Training in Older Women (WATER Study): Functional Capacity and Quality of Life Outcomes. 2020 , 1-9	4
325	Dynamic Stability of Older Adults Under Dual Task Paradigm During Stair Descent. 2020 , 24, 113-126	4
324	Examination on Brain Training Method: Effects of n-back task and dual-task. 6, 116	1
323	Progressive treadmill cognitive dual-task gait training on the gait ability in patients with chronic stroke. 2018 , 14, 821-828	8
322	Effect of using a Cell Phone on Gait Parameters in Healthy Young Adults: Texting and Texting while Listening to Music. 2015 , 10, 25-31	2
321	Executive function and falls in older adults: new findings from a five-year prospective study link fall risk to cognition. 2012 , 7, e40297	267
320	Cognitive loading affects motor awareness and movement kinematics but not locomotor trajectories during goal-directed walking in a virtual reality environment. 2014 , 9, e85560	13
319	A longitudinal study on dual-tasking effects on gait: cognitive change predicts gait variance in the elderly. 2014 , 9, e99436	24
318	Predicting cognitive function from clinical measures of physical function and health status in older adults. 2015 , 10, e0119075	14
317	Respective and combined effects of impairments in sensorimotor systems and cognition on gait performance: a population-based cross-sectional study. 2015 , 10, e0125102	6

316	Maintaining Gait Performance by Cortical Activation during Dual-Task Interference: A Functional Near-Infrared Spectroscopy Study. 2015 , 10, e0129390	52
315	Cortisol Awakening Response and Walking Speed in Older People. 2016 , 11, e0152071	10
314	Apolipoprotein E Genotype Linked to Spatial Gait Characteristics: Predictors of Cognitive Dual Task Gait Change. 2016 , 11, e0156732	7
313	Gazing into Thin Air: The Dual-Task Costs of Movement Planning and Execution during Adaptive Gait. 2016 , 11, e0166063	21
312	Age-related decrements in dual-task performance: Comparison of different mobility and cognitive tasks. A cross sectional study. 2017 , 12, e0181698	48
311	Gait parameters are differently affected by concurrent smartphone-based activities with scaled levels of cognitive effort. 2017 , 12, e0185825	18
310	Serum adiponectin levels are associated with worse cognitive function in postmenopausal women. 2017 , 12, e0186205	13
309	Continuous positive airway pressure improves gait control in severe obstructive sleep apnoea: A prospective study. 2018 , 13, e0192442	6
308	Postural sway changes during static standing with concurrent task in children with traumatic brain injury. 2019 , 24, 29-35	2
307	The Effects of Dual-Task Gait Training on Gait Performance under Cognitive Tasks in Chronic Stroke. 2015 , 27, 364-368	9
306	Older adults with amnestic mild cognitive impairment exhibit exacerbated gait slowing under dual-task challenges. 2014 , 11, 494-500	26
305	An Interactive Home-Based Cognitive-Motor Step Training Program to Reduce Fall Risk in Older Adults: Qualitative Descriptive Study of Older Adults' Experiences and Requirements. 2018 , 1, e11975	6
304	Smartphone App-Based Assessment of Gait During Normal and Dual-Task Walking: Demonstration of Validity and Reliability. 2018 , 6, e36	37
303	Beyond balance and mobility, contributions of cognitive function to falls in older adults with cardiovascular disease. 2019 , 4, 65-70	3
302	Cognitive ability and psychological effectiveness of brain training dance robot therapy for elderly people.	4
301	Recent advances in the assessment and treatment of falls in Parkinson's disease. 2010 , 2, 76	2
300	A statistical approach to the use of control entropy identifies differences in constraints of gait in highly trained versus untrained runners. 2012 , 9, 123-45	5
299	Influence of Anticipation and Motor-Motor Task Performance on Cutting Biomechanics in Healthy Men. 2020 , 55, 834-842	6

298	A case of craniopharyngioma presenting as rapidly progressive dementia. 2018, 60, 355-357	3
297	Motoric Cognitive Risk Syndrome: A Risk Factor for Cognitive Impairment and Dementia in Different Populations. 2020 , 24, 3-14	26
296	Prescheduled Interleaving of Processing Reduces Interference in Motor-Cognitive Dual Tasks. 2020 , 3, 33	1
295	Sequential Difficulty Effects in Cognitive and Sensorimotor Tasks: Insights from Arithmetic and Fitts Tasks. 2018 , 131, 161	2
294	Comparison of Transcranial Direct Current Stimulation of the Primary Motor Cortex and Cerebellum on Static Balance in Older Adults. 2020 , 22,	0
293	Cognition and physical disability in predicting health-related quality of life in multiple sclerosis. 2011 , 13, 57-63	20
292	OUP accepted manuscript.	1
291	Association of gait with global cognitive function and cognitive domains detected by MoCA-J among community-dwelling older adults: a cross-sectional study. 2021 , 21, 523	O
290	Urinary urgency acts as a source of divided attention leading to changes in gait in older adults with overactive bladder. 2021 , 16, e0257506	0
289	A prediction model of multiple resource theory for dual task walking. 1-24	2
288	Single-Task or Dual-Task? Gait Assessment as a Potential Diagnostic Tool for Alzheimer's Dementia. 2021 , 84, 1183-1192	1
287	Association between functional physical capacity and cognitive performance under destabilizing walking conditions in older adults. 2021 , 155, 111582	
286	Association of mobility capacity with the masses and amounts of intramuscular non-contractile tissue of the trunk and lower extremity muscles in community-dwelling older adults. 2021 , 80, 102887	1
285	Gait Disorders. 194-196	
284	Gait, Postural Instability, and Freezing. 261-373	1
283	Management of Advanced Parkinson Disease. 2012 , 1051-1068	
282	Virtual Reality Augmented Training for Improving Walking and Reducing Fall Risk in Patients with Neurodegenerative Disease. 2014 , 145-168	
281	Efeitos do treino funcional de membro superior em condi ß de dupla tarefa na doen a de Parkinson. 2014 , 22, 344-350	2

280	Effects of Cognitive-Motor Interference on Cognitive Tasks Requiring Different Types of Concentration During Preferred and Fast Walking in Stroke Patients. 2014 , 21, 34-39	
279	Identification of changes in kinematics and electromyographic parameters during dual-task gait: a comparative study between young and elderly female subjects. 2015 , 28, 701-709	1
278	Encyclopedia of Geropsychology. 2016 , 1-9	
277	Falls as a Geriatric Syndrome: Mechanisms and Risk Identification. 2016 , 171-186	1
276	ATAKSÜÜHASTALARDA ET GREVN KLNK DENGE PERFORMANSINA ETKEÜ1-7	О
275	Pathophysiology, classification and supplementary tests in normal pressure hydrocephalus. 2016 , 17, 218-223	O
274	Effects of Cognitive Task Difficulty and Task Prioritization on Dual Task Strategy in Young Healthy Adults. 2017 , 32, 917-921	1
273	Encyclopedia of Geropsychology. 2017 , 2137-2145	
272	Paura di cadere e funzionalit [^] motoria. Uno studio longitudinale e multidimensionale tra anziani ospiti in struttura residenziale. 2017 , 5-20	
271	Smartphone App?Based Assessment of Gait During Normal and Dual-Task Walking: Demonstration of Validity and Reliability (Preprint).	
270	On the Impact of Interhemispheric White Matter: Age, Executive Functioning, and Dedifferentiation in the Frontal Lobes.	
269	The Closing-In Phenomenon in an Ecological Walking Task. 2018 , 24, 437-444	
268	The Effects of Community Ambulation Training on Gait, Depression and Self-efficacy in Chronic Stroke Patients. 2018 , 13, 137-146	1
267	A Review of Divided Attention Dysfunction in Alzheimer∃ Disease. 2018 , 5,	1
266	Increased influence of periphery on central visual processing in humans during walking.	1
265	An Interactive Home-Based Cognitive-Motor Step Training Program to Reduce Fall Risk in Older Adults: Qualitative Descriptive Study of Older Adults Experiences and Requirements (Preprint).	
264	Goalkeeper game: a new assessment instrument in neurology showed higher predictive power than moca for gait performance in people with parkinson disease.	
263	Differentiating the Effects of Motor and Cognitive Dual-Tasks on Gait Performance of Young Healthy Subjects. 2019 , 278-282	

	Novel cognitive ageing rehabilitation with transcranial direct current stimulation. 2018, 3,	
261	The Effect of Dual Task Interference on Gait in Aging: Role of Working Memory Components. 2018 , 8, 93-102	
260	Do Scores on an Attention Test Predict Scores on Executive Function Tests?. 2018 , 3, 192-200	1
259	[Deep brain stimulation effect on postural instability and gait disorders in Parkinson's disease]. 2019 , 119, 123-130	
258	Antiaging strategy considering physiological characteristics. 2019 , 15, 346-350	
257	Levodopa Responsiveness Subtypes of Freezing of Gait: Results Using a Levodopa Challenge.	
256	Mobile Brain/Body Imaging of cognitive-motor impairment in multiple sclerosis: deriving EEG-based neuro-markers during a dual-task walking study.	
255	Accuracy of mobility tests for screening the risk of falls in patients with mild cognitive impairment and alzheimer disease. 2019 , 26, 258-264	1
254	Relationships between cart-assisted walking and cognitive function in the elderly. 2019 , 9, 127-131	
253	Cognitive Training and Mobility: Implications for Falls Prevention. 2020, 289-308	1
252	Falls as a Manifestation of Brain Failure: Gait, Cognition, and the Neurobiology of Falls. 2020, 3-20	2
252	Falls as a Manifestation of Brain Failure: Gait, Cognition, and the Neurobiology of Falls. 2020 , 3-20 Assistive Devices, Falls, and Cognitive Aspects. 2020 , 139-150	2 O
251	Assistive Devices, Falls, and Cognitive Aspects. 2020 , 139-150 Harnessing Digital Health to Objectively Assess Cognitive Impairment in People undergoing Hemodialysis Process: The Impact of Cognitive Impairment on Mobility Performance Measured by	
251 250	Assistive Devices, Falls, and Cognitive Aspects. 2020, 139-150 Harnessing Digital Health to Objectively Assess Cognitive Impairment in People undergoing Hemodialysis Process: The Impact of Cognitive Impairment on Mobility Performance Measured by Wearables.	Ο
251 250 249	Assistive Devices, Falls, and Cognitive Aspects. 2020, 139-150 Harnessing Digital Health to Objectively Assess Cognitive Impairment in People undergoing Hemodialysis Process: The Impact of Cognitive Impairment on Mobility Performance Measured by Wearables. Cortical activation during gait adaptability in people with Parkinson's disease. 2021, 91, 247-253	Ο
251 250 249 248	Assistive Devices, Falls, and Cognitive Aspects. 2020, 139-150 Harnessing Digital Health to Objectively Assess Cognitive Impairment in People undergoing Hemodialysis Process: The Impact of Cognitive Impairment on Mobility Performance Measured by Wearables. Cortical activation during gait adaptability in people with Parkinson's disease. 2021, 91, 247-253 tES in Dementia: From Pathophysiology to Treatment. 2020, 319-338	Ο

244	Relationships Between Cognitive and Driving Self-awareness in Older Drivers. 2021, 76, 1077-1085	О
243	EEG features during maintaining a human body balance 2020 ,	
242	The cognitive load of physical activity in individuals with high and low tolerance to effort: An ecological paradigm to contrast stepping on the spot and stepping through space. 2022 , 58, 102076	1
241	Cognitive Enhancers as a Means to Reduce Falls in Older Adults. 2020 , 323-341	O
240	Dual-Task Training in Cognitively Impaired and Intact Older Populations to Reduce Fall Risk: Evidence from Previous Intervention Trials by Using a Systematic Review Approach. 2020 , 343-372	1
239	Evaluation of Immediate Interference After Intervention With Double Tasks in Elderly Individuals. 2020 , 36, 86-91	
238	Walking While Talking and Prefrontal Oxygenation in Motoric Cognitive Risk Syndrome: Clinical and Pathophysiological Aspects. 2021 ,	1
237	The VITAAL Stepping Exergame Prototype for Older Adults With Major Neurocognitive Disorder: A Usability Study. 2021 , 13, 701319	2
236	Differential relationships between brain structure and dual task walking in young and older adults.	O
235	Cognitive Impairment in Brain Tumor Survivors: Emerging Evidence to Identify Associated Fall Risk. 2020 , 38, 134-136	
234	Effect of Cognitive Load on Curvature Redirected Walking Thresholds. 2020,	1
233	Falls and Gait Disorders in Older Adults: Causes and Consequences. 2021 , 13-35	
232	The Effects of Mobile Texting and Walking Speed on Gait Characteristics of Normal Weight and Obese Adults. 2020 , 24, 588-604	1
231	The impact of smartphone use on gait in young adults: Cognitive load vs posture of texting. 2020 , 15, e0240118	2
230	Coexistent Osteoarthritis and Parkinson's Disease: Data from the Parkinson's Foundation Outcomes Project. 2020 , 10, 1601-1610	1
229	Reactive Postural Responses After Mild Traumatic Brain Injury and Their Association With Musculoskeletal Injury Risk in Collegiate Athletes: A Study Protocol. 2020 , 2, 574848	2
228	Physical Therapists Perceptions of Barriers to the Use of Evidence-based Fall Prevention Intervention with Individuals of 65 Years of Age or Older.	
227	Timed Up and Go Test With a Cognitive Task: Correlations With Neuropsychological Measures in People With Parkinson's Disease. 2020 , 12, e10604	1

226	Correlation between Gait Speed and Velocity of Center of Pressure Progression during Stance Phase in the Older Adults with Cognitive Decline: A Pilot Study. 2020 , 15, 67-74	
225	The Comparison and Relationship between Cognitive and Motor Function in Elderly with and without Falling Experience. 2020 , 10, 138-150	
224	OVERGROUND WALKING ALONG WITH COUNTING BACKWARDS INFLUENCES MOVEMENT VARIABILITY IN HEALTHY YOUNG AND OLDER ADULTS. 2017 , 53, 134-141	1
223	Do Older Adults with Overactive Bladder Demonstrate Impaired Executive Function Compared to Their Peers Without OAB?. 2020 , 23, 329-334	
222	THE RELIABILITY OF CLINICAL BALANCE TESTS UNDER SINGLE-TASK AND DUAL-TASK TESTING PARADIGMS IN UNINJURED ACTIVE YOUTH AND YOUNG ADULTS. 2020 , 15, 487-500	2
221	Walking improves the performance of a brain-computer interface for group decision making. 2022 , 221-233	1
220	Association of executive function capacity with gait motor imagery ability and PFC activity: An fNIRS study. 2022 , 766, 136350	
219	Gait characteristics under single-/dual-task walking conditions in elderly patients with cerebral small vessel disease: Analysis of gait variability, gait asymmetry and bilateral coordination of gait. 2021 , 92, 65-70	3
218	Motor adaptation to cognitive challenges and walking perturbations in healthy young adults. 2021 , 92, 167-175	0
217	Unraveling the Cognitive-Motor Interaction in Individuals With Amnestic Mild Cognitive Impairment. 2021 ,	
216	Cholinesterase inhibitors for gait, balance, and fall in Parkinson disease: a meta-analysis. 2021 , 7, 103	4
215	Assessing a Sensory-Motor-Cognition Triad in Amnestic Mild Cognitive Impairment With Dichotic Listening While Walking: A Dual-Task Paradigm. 2021 , 13, 718900	
214	An fNIRS Investigation of Discrete and Continuous Cognitive Demands During Dual-Task Walking in Young Adults. 2021 , 15, 711054	1
213	Relationship Between Cognition and Gait at 2- and 12-Months Post-Traumatic Brain Injury. 2021 , 2,	
212	How increased cognitive load affects the dual-task cost in healthy young adults? A randomized, double-blind sham-controlled study.	0
211	Responses to balance challenges in persons with panic disorder: A pilot study of computerized static and dynamic balance measurements. 2021 , e2411	1
210	The Performance of Dual-Task Tests Can Be a Combined Neuro-Psychological and Motor Marker of Mild Cognitive Impairment, Depression and Dementia in Geriatric Patients-A Cross-Sectional Study. 2021 , 10,	0
209	Spatiotemporal gait variables and step-to-step variability in preschool-aged children born . 2021 , 92, 236-242	O

208	Effects and Feasibility of a Memory Exergame Training in Older Adults: A Randomized Controlled Trial. 2021 , 10, 383-390	
207	Bi-Anodal Transcranial Direct Current Stimulation Combined With Treadmill Walking Decreases Motor Cortical Activity in Young and Older Adults 2021 , 13, 739998	O
206	Do Older Adults with Overactive Bladder Demonstrate Impaired Executive Function Compared to Their Peers Without OAB?. 2020 , 23, 329-334	O
205	Risk of Falls in Patients Aged Over 65 in the Context of the Treatment Facility. 2021 , 1	
204	Modulating Cognitive-Motor Multitasking with Commercial-off-the-Shelf Non-Invasive Brain Stimulation 2022 , 12,	O
203	Dual Task Performance Is Associated with Amyloidosis in Cognitively Healthy Adults 2022 , 9, 297-305	
202	Association between fear of falling and spatial and temporal parameters of gait in older adults: the FIBRA-RJ study 2022 , 1	O
201	Degree and pattern of dual-task interference during walking vary with component tasks in people after stroke: a systematic review 2021 ,	O
200	Measured and perceived exercise intensity during the performance of single-task, cognitive-motor dual-task and exergame training: a transversal study (Preprint).	
199	Impact of Types of Breathing on Static Balance Ability in Healthy Adults 2022 , 19,	O
198	Effect of cognitive task complexity on dual task postural stability: a systematic review and meta-analysis 2022 , 240, 703	1
197	Vision, cognition, and walking stability in young adults 2022 , 12, 513	2
196	ASSOCIATION BETWEEN BALANCE SELF-EFFICACY AND WALKING ABILITY IN THOSE WITH NEW LOWER LIMB AMPUTATIONS. 2021 , 5,	
195	Motoric Cognitive Risk Syndrome: Symptoms, Pathology, Diagnosis, and Recovery 2021 , 13, 728799	1
194	Increased prefrontal activity during usual walking in aging 2022,	1
193	Cross-Sectional Associations of Sarcopenia and Its Components with Neuropsychological Performance among Memory Clinic Patients with Mild Cognitive Impairment and Alzheimer's Disease 2022 , 11, 182-189	
192	Effects of Transcranial Direct Current Stimulation on Brain Electrical Activity, Heart Rate Variability, and Dual-Task Performance in Healthy and Fibromyalgia Women: A Study Protocol 2022 , 12,	O
191	Limited Ability to Adjust N2 Amplitude During Dual Task Walking in People With Drug-Resistant Juvenile Myoclonic Epilepsy 2022 , 13, 793212	O

190	Posture biofeedback increases cognitive load 2022 , 1	O
189	Effects of Single-Task, Dual-Task and Successive Physical-Cognitive Training on Fall Risk and Balance Performance in Older Adults: A Randomized Controlled Trial Study.	
188	Future trends in brain aging research: Visuo-cognitive functions at stake during mobility and spatial navigation. 2022 , 2, 100034	
187	Modelling falls in Parkinson's disease and normal ageing in mice using a complex motor task 2022 , 6, 23982128221088794	
186	Effects of cognitive tasks on center-of-foot pressure displacements and brain activity during single leg stance: comparison in community-dwelling healthy older and young people 2022 , 34, 177-182	O
185	Additive Effect of Dopaminergic Medication on Gait Under Single and Dual-Tasking Is Greater Than of Deep Brain Stimulation in Advanced Parkinson Disease With Long-duration Deep Brain Stimulation 2022 ,	O
184	Gait stability in ambulant children with cerebral palsy during dual tasks.	
183	Gait Impairment in Traumatic Brain Injury: A Systematic Review 2022 , 22,	2
182	The Correlation between Gait and Cognitive Function in Dual-task Walking of the Elderly with Cognitive Impairment: A Systematic Literature Review. 2022 , 17, 93-108	0
181	Stable Sparse Classifiers predict cognitive impairment from gait patterns.	
180	The role of comprehensive geriatric assessment in predicting fall risk 2022, 1	
179	Effects of Exergaming-Based Tai Chi on Cognitive Function and Dual-Task Gait Performance in Older Adults With Mild Cognitive Impairment: A Randomized Control Trial 2022 , 14, 761053	O
178	Differential Relationships Between Brain Structure and Dual Task Walking in Young and Older Adults 2022 , 14, 809281	O
177	Fear of Falling Does Not Influence Dual-Task Gait Costs in People with Parkinson's Disease: A Cross-Sectional Study 2022 , 22,	O
176	Effects of a 6-Min Treadmill Walking Test on Dual-Task Gait Performance and Prefrontal Hemodynamics in People With Multiple Sclerosis 2022 , 13, 822952	1
175	Dual-Task Gait Performance Following Head Impact Exposure in Male and Female Collegiate Rugby Players 2022 , 17, 355-365	1
174	Balance recovery stepping responses during walking were not affected by a concurrent cognitive task among older adults 2022 , 22, 289	
173	Effects of Prefrontal Transcranial Direct Current Stimulation on Retention of Performance Gains on an Obstacle Negotiation Task in Older Adults 2022 ,	

172	Use of Wearable Sensors to Assess the Effects of Performing a Cognitive Task on Sensory Integration of Balance in Healthy Individuals 2022 , 22,	
171	The acute effects of mental fatigue on balance performance in healthy young and older adults - A systematic review and meta-analysis 2022 , 225, 103540	Ο
170	Effects of multi-obstacle contexts on obstacle negotiation strategies in healthy older adults under dual-task conditions 2022 , 94, 198-202	
169	Influence of serial subtraction tasks on transient characteristics of postural control 2022 , 83, 102950	1
168	Combining Transcranial Direct Current Stimulation With Tai Chi to Improve Dual-Task Gait Performance in Older Adults With Mild Cognitive Impairment: A Randomized Controlled Trial 2021 , 13, 766649	1
167	Bidirectional associations between cognitive functions and walking performance among middle-aged women 2021 , 29,	
166	Usability Study of a Multicomponent Exergame Training for Older Adults with Mobility Limitations 2021 , 18,	1
165	Increased Attentional Focus on Walking by Older Adults Limits Maximum Speed and Is Related to Dynamic Stability 2021 , 1-8	1
164	Does treadmill workstation use affect user's kinematic gait symmetry?. 2021 , 16, e0261140	О
163	Dual-Task Training Combining Cognitive Tasks and Occupations among Japanese Community-Dwelling Older Adults: A Pilot Study. 2021 , 1-18	
162	The Effect of Secondary Cognitive Task on Time of the Stance Phase of People with Down Syndrome. 2020 , 9, 36-44	
161	The Relationships of Fibrinogen and C-Reactive Protein With Gait Performance: A 20-Year Longitudinal Study 2022 , 14, 761948	O
160	Relationship between Associated Neuropsychological Factors and Fall Risk Factors in Community-Dwelling Elderly 2022 , 10,	0
159	Multiarea Brain Activation and Gait Deterioration During a Cognitive and Motor Dual Task in Individuals With Parkinson Disease 2022 ,	
158	Effect of dual-task training on cognitive functions in persons with multiple sclerosis: A systematic review and meta-analysis 2022 , 62, 103801	1
157	The effect of different dual tasks conditions on gait kinematics and spatio-temporal walking parameters in older adults 2022 , 95, 63-69	O
156	Table_1.docx. 2020 ,	
155	Table_1.DOCX. 2019 ,	

(2022-2020)

154	Image_1.JPEG. 2020 ,	
153	Image_2.JPEG. 2020 ,	
152	Image_3.JPEG. 2020 ,	
151	Image_4.JPEG. 2020 ,	
150	Image_5.JPEG. 2020 ,	
149	Image_6.JPEG. 2020 ,	
148	Image_7.JPEG. 2020 ,	
147	Table_1.DOCX. 2020 ,	
146	Data_Sheet_1.docx. 2020 ,	
145	Data_Sheet_1.xlsx. 2019 ,	
144	Table_1.DOCX. 2018 ,	
143	Image_1.jpg. 2019 ,	
142	Image_2.JPEG. 2019 ,	
141	The effects of mobile phone use on motor variability patterns during gait 2022 , 17, e0267476	
140	Association between falls and cognitive performance among community-dwelling older people: a cross-sectional study 2022 , 140, 422-429	
139	Dual-Task Abilities During Activities Representative of Daily Life in Community-Dwelling Stroke Survivors: A Pilot Study 2022 , 13, 855226	
138	The effect of backpack weight on the performance of basic short-term/working memory tasks while walking along a pre-determined route 2022 , 1-23	
137	Cognitive inhibition tasks interfere with dual-task walking and increase prefrontal cortical activity more than working memory tasks in young and older adultsi 2022 , 95, 186-191	

136	Troubleshooting Gait Disturbances in Parkinson Disease With Deep Brain Stimulation. 2022, 16,	0
135	Rentraßer les seniors ^faire deux choses ^la fois : le projet INCOME ^Limoges. 2021,	
134	Did you even see that? visual sensory processing of single stimuli under different locomotor loads. 2022 , 17, e0267896	
133	Somatosensory impairment of the feet is associated with higher activation of prefrontal cortex during walking in older adults. 2022 , 111845	
132	Postural disorders of neurological genesis in elderly patients: pathogenesis and features of diagnostics (literature review). 2022 , 7, 125-133	
131	Review of Active Extracorporeal Medical Devices to Counteract Freezing of Gait in Patients with Parkinson Disease. 2022 , 10, 976	1
130	Dual-Task Performance in Older Adults With and Without Idiopathic Normal Pressure Hydrocephalus. 14,	О
129	Does Cognitive Loading Interfere with Walking Control?. 2022,	O
128	The Reliability and Validity of the Turkish Version of the Dual-Task Questionnaire in Patients with Multiple Sclerosis. 2022 , 103942	
127	The correlation between physical and emotional stabilities: a cross-sectional observational preliminary study. 2022 , 54, 1678-1685	O
126	The Impact of Using Mobile Phones on Gait Characteristics: A Narrative Review. 2022 , 12, 5783	О
125	Cognition as a mediator for gait and balance impairments in GBA-related Parkinson disease. 2022 , 8,	O
124	Gait stability in ambulant children with cerebral palsy during dual tasks. 2022 , 17, e0270145	
123	Neural Mechanisms of Motor Dysfunction in Mild Cognitive Impairment and Alzheimer Disease: A Systematic Review. 2022 , 6, 307-344	Ο
122	Motor features associated with cognition in non-demented individuals with essential tremor. 2022 , 439, 120323	О
121	Age-related changes in the interference between cognitive task components and concurrent sensorimotor coordination. 2022 , 1790, 147985	
120	The effects of cognitive tasks on the frequency of non-MTC gait cycle during walking in healthy older and young adults. 2022 , 34, 497-502	
119	Throwing Strategy in a Dual-Motor-Task of Aiming at the Bullseye while Walking in Virtual Reality. 2022 , 1-8	

118	Associations between depression symptom severity and daily-life gait characteristics derived from long-term acceleration signals in real-world settings: retrospective analyses (Preprint).	
117	Applicability of an Immersive Virtual Reality Exercise Training System for Office Workers during Working Hours. 2022 , 10, 104	2
116	Are the spatiotemporal gait parameters at different walking speeds capable of predicting variations in cognitive status by the mini-mental state examination?. 1-8	
115	Lack of changes in motor function of the brain in healthy older adults after participation in a cognitive walking program. 2022 , 18, 187-195	
114	Dual-tasking reveals the attentional cost of resolving sensory conflict induced by perturbed optic flow during treadmill walking.	
113	Peripheral administration of selective GlyT2 inhibitor, oleoyl-D-lysine, reverses chronic neuropathic pain but not acute or inflammatory pain in mice . JPET-AR-2022-001265	O
112	Is Anodal Transcranial Direct Current Stimulation an Effective Ergogenic Technology in Lower Extremity Sensorimotor Control for Healthy Population? A Narrative Review. 2022 , 12, 912	
111	Study Protocol: Strategies and Techniques for the Rehabilitation of Cognitive and Motor Deficits in Patients with Multiple Sclerosis. 2022 , 3, 395-407	O
110	Cognition Meets Gait: Where and How Mind and Body Weave Each Other in a Computational Psychometrics Approach in Aging. 14,	
109	Do the dual-task B -foot up and gollests provide additional predictive value for early detection of cognitive decline in community-dwelling older women?.	
108	Interlimb coordination in Parkinson's disease is affected by a visuospatial dual task.	0
108	Interlimb coordination in Parkinson's disease is affected by a visuospatial dual task. Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke - An fNIRS Study. 13,	0
	Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke	
107	Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke - An fNIRS Study. 13, Prevalence and predictors of Motoric Cognitive Risk syndrome in a community-dwelling older	
107	Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke - An fNIRS Study. 13, Prevalence and predictors of Motoric Cognitive Risk syndrome in a community-dwelling older Scottish population: a longitudinal observational study. Effect of a multicomponent exercise program and cognitive stimulation (VIVIFRAIL-COGN) on falls in frail community older persons with high risk of falls: study protocol for a randomized multicenter	0
107 106 105	Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke - An fNIRS Study. 13, Prevalence and predictors of Motoric Cognitive Risk syndrome in a community-dwelling older Scottish population: a longitudinal observational study. Effect of a multicomponent exercise program and cognitive stimulation (VIVIFRAIL-COGN) on falls in frail community older persons with high risk of falls: study protocol for a randomized multicenter control trial. 2022, 22, Does Executive Function Influence Walking in Acutely Hospitalized Patients With Advanced	0
107 106 105	Phase-dependent Brain Activation of the Frontal and Parietal Regions During Walking After Stroke - An fNIRS Study. 13, Prevalence and predictors of Motoric Cognitive Risk syndrome in a community-dwelling older Scottish population: a longitudinal observational study. Effect of a multicomponent exercise program and cognitive stimulation (VIVIFRAIL-COGN) on falls in frail community older persons with high risk of falls: study protocol for a randomized multicenter control trial. 2022, 22, Does Executive Function Influence Walking in Acutely Hospitalized Patients With Advanced Parkinson's Disease: A Quantitative Analysis. 13, Associations between Depression Symptom Severity and Daily-life Gait Characteristics Derived	0 0

100	Compensatory movement strategies differentially affect attention allocation and gait parameters in persons with Parkinson disease. 16,	O
99	Is Dual-Task Training Clinically Beneficial to Improve Balance and Executive Function in Community-Dwelling Older Adults with a History of Falls?. 2022 , 19, 10198	O
98	Biomechanical effects of the addition of a precision constraint on a collective load carriage task. 2022 , 9,	
97	Mental arithmetic modulates temporal variabilities of finger-tapping tasks in a tempo-dependent manner. 10, e13944	
96	Balance impairment in patients with moderate-to-severe traumatic brain injury: Which measures are appropriate for assessment?. 13,	
95	Dividing attention during the Timed Up and Go enhances associations of several subtask performances with MCI and cognition. 2022 , 17, e0269398	
94	Standing Posture in Motor and Cognitive Dual-Tasks during Smartphone Use: Linear and Nonlinear Analysis of Postural Control. 2022 , 12, 1021-1033	
93	Validation of Pressure-Sensing Insoles in Patients with Parkinson Disease during Overground Walking in Single and Cognitive Dual-Task Conditions. 2022 , 22, 6392	
92	Differentiation of the motor cost associated with cognitive tasks in Parkinson's disease: A dual-task study.	
91	Factors in the acquisition of independent walking in patients with cerebral infarction using decision tree analysis. 2022 , 31, 106756	O
90	Imaging the neural underpinnings of freezing of gait in Parkinson disease. 2022, 35, 103123	0
89	Multitasking in Healthy Aging and Neurodegeneration: Experimental Findings and Health-Related Applications. 2022 , 431-478	O
88	Training Based on Multitasking (With a Specific Focus on Motor-Cognitive Multitasking. 2022, 347-397	1
87	Analysis of the Correlation Between Executive Function and Obstacle Gait Evaluation for the Elderly. 2022 , 17, 51-58	O
86	Quantitative gait analysis in mild cognitive impairment, dementia, and cognitively intact individuals: a cross-sectional caseffontrol study. 2022 , 22,	0
85	Visuospatial working memory and obstacle crossing in young and older people.	O
84	Random walk: Random number generation during backward and forward walking- the role of aging. 14,	0
83	Dual-Task-Based Music Therapy to Improve Executive Functioning of Elderly Patients with Early Stage Alzheimer Disease: A Multiple Case Study. 2022 , 19, 11940	О

82	Walking speed at the acute and subacute stroke stage: A descriptive meta-analysis. 13,	О
81	Effects of aging on cognitive and brain inter-network integration patterns underlying usual and dual-task gait performance. 14,	O
80	Effect of Multicomponent Home-Based Training on Gait and Muscle Strength in Older Adults After Hip Fracture Surgery: A Single Site Randomized Trial. 2022 ,	О
79	Gait decline while dual-tasking is an early sign of white matter deterioration in middle-aged and older adults. 14,	O
78	Mens Sana in Corpore SanolThe Emerging Link of Motor Reserve with Motor and Cognitive Abilities and Compensatory Brain Networks in SCA2 Patients. 2022 , 10, 2166	O
77	Mobile electroencephalography captures differences of walking over even and uneven terrain but not of single and dual-task gait. 4,	O
76	Prevalence and predictors of Motoric Cognitive Risk syndrome in a community-dwelling older Scottish population: A longitudinal observational study. 2022 , 37,	1
75	Cognitive dual-task cost depends on the complexity of the cognitive task, but not on age and disease. 13,	O
74	Clinically Optimal Neuropsychological Tests for Postoperative Cognitive Dysfunction in Heart Valve Surgeries. 2022 ,	О
73	Measured and perceived exercise intensity during the performance of single-task, cognitive-motor dual-task and exergame training: a transversal study (Preprint).	o
72	Throwing Strategy in a Dual-Motor-Task of Aiming at the Bullseye while Walking in Virtual Reality. 2022 ,	O
71	Executive dysfunction and effectiveness of physical program in older adults: which association?.	o
70	Cognitive Function and Postural Control Strategies in Relation to Disease Progression in Patients with Parkinson Disease. 2022 , 19, 12694	О
69	Association between Backward Walking and Cognition in Parkinson Disease: A Systematic Review. 2022 , 19, 12810	O
68	Single- and dual-task gait performance and their diagnostic value in early-stage Parkinson's disease. 13,	О
67	Impacts of Adiposity on the Attentional Cost of Sensory-Motor Performance Associated with Mobility in a Dual-Task Paradigm. 2022 , 19, 13118	O
66	Differential associations between simple physical performance tests with global and specific cognitive functions in cognitively normal and mild cognitive impairment: a cross-sectional cohort study of Asian community-dwelling older adults. 2022 , 22,	О
65	Functional topologies of spatial cognition predict cognitive and motor progression in Parkinson II. 14,	O

64	Association Between Motoric Cognitive Risk Syndrome and Risk of Mortality in Older Adults: Results of a 5-year Retrospective Cohort.	О
63	Classification of Stroke Severity Using Clinically Relevant Symmetric Gait Features Based on Recursive Feature Elimination with Cross-Validation. 2022 , 1-1	O
62	Effectiveness of feedback-based technology on physical and cognitive abilities in the elderly. 14,	О
61	Visual cues to interpersonal evaluations for pedestrians. 147715352210934	O
60	Digitizing a Therapeutic: Development of an Augmented Reality Dual-Task Training Platform for Parkinson Disease. 2022 , 22, 8756	О
59	Tai Chi practice enables prefrontal cortex bilateral activation and gait performance prioritization during dual-task negotiating obstacle in older adults. 14,	o
58	The Role of Sleep Quality and Physical Activity Level on Gait Speed and Brain Hemodynamics Changes in Young Adults Dual-Task Study. 2022 , 12, 1673-1681	О
57	The role of cognitive impairment in the development of balance disorders in cerebrovascular diseases. 2022 , 122, 51	О
56	Association between measures of cognitive function on physical function in novice users of a lower limb prosthesis. 2023 , 100, 120-125	0
55	Coexisting Frailty and Cognitive Impairment as a Predictor of Adverse Outcomes in Older Inpatients After Discharge: Results from a One-Year Follow-Up Study. Volume 17, 1697-1706	О
54	Effects of Dual Task Training on Dual Task Gait Performance and Cognitive Function in Individuals With Parkinson Disease: A Meta-analysis and Meta-regression. 2022 ,	1
53	Chronic effects of different exercise types on brain activity in healthy older adults and those with Parkinson disease: A systematic review. 13,	O
52	Dual-task related frontal cerebral blood flow changes in older adults with mild cognitive impairment: A functional diffuse correlation spectroscopy study. 14,	О
51	Cognitive parameters can predict change of walking performance in advanced Parkinson disease learning Chances and limits of early rehabilitation. 14,	O
50	Step-Counting Accuracy of a Commercial Smartwatch in Mild-to-Moderate PD Patients and Effect of Spatiotemporal Gait Parameters, Laterality of Symptoms, Pharmacological State, and Clinical Variables. 2023 , 23, 214	О
49	Coupling of sensorimotor and cognitive functions in middle- and late adulthood. 16,	O
48	Effects of 12 Weeks of Physical-Cognitive Dual-Task Training on Executive Functions, Depression, Sleep Quality, and Quality of Life in Older Adult Women: A Randomized Pilot Study. 2023 , 15, 97	1
47	Effects of contact/collision sport history on gait in early to mid-adulthood. 2022,	O

46	Effects of motor pacing on frontal-hemodynamic responses during continuous upper-limb and whole-body movements.	О
45	A novel performance scoring quantification framework for stress test set-ups.	O
44	Motor, cognitive, and combined rehabilitation approaches on MS patients@cognitive impairment.	0
43	Sex Differences in Falls: The Mediating Role of Gait Stability Ratio and Body Balance in Vulnerable Older Adults. 2023 , 12, 450	O
42	Gait Indicators Contribute to Screening Cognitive Impairment: A Single- and Dual-Task Gait Study. 2023 , 13, 154	О
41	Impact of a dual task on the energy cost of walking in individuals with subacute phase stroke. 1-8	O
40	Comparing Backward Walking Performance in Parkinson Disease with and without Freezing of Gait A Systematic Review. 2023 , 20, 953	О
39	Abnormal gait and motor cortical processing in drug-resistant juvenile myoclonic epilepsy.	O
38	Thinking, Feeling, and Moving: Competition for Brain Resources in Health and Disease. 2023, 237-259	О
37	Risk factors for falls among community-dwelling older adults: A systematic review and meta-analysis. 9,	O
36	Bridging the Gap between Research and the Community: Implementing Physical and Cognitive Interventions to Improve Spontaneous Walking Speed in Older Adults. 2023 , 20, 762	О
35	Validity and reliability of five-times-sit-to-stand test with a dual task in older adults with mild cognitive impairment. 2022 , 1-6	О
34	Test R etest Reliability and Concurrent Validity of the 3 m Backward Walk Test under Single and Dual-Task Conditions in Women with Fibromyalgia. 2023 , 12, 212	О
33	Features of visual, cognitive and neuroimaging changes in Parkinson disease patients with freezing of gait. 2023 , 123, 59	O
32	Effects of dance on gait and dual-task gait in Parkinson disease. 2023, 18, e0280635	0
31	Walking speed and dual task input modality impact performance on a self-paced treadmill. 2023 , 103986	O
30	Motorische Entwicklung Ber die Lebensspanne. 2023 , 397-428	О
29	Neurocognition and Movement. 2023 , 71-92	O

28	The Executive-Function-Related CognitiveMotor Dual Task Walking Performance and Task Prioritizing Effect on People with Parkinson® Disease. 2023 , 11, 567	О
27	Is foot clearance influenced by different types of dual task in once-only faller community-dwelling older adults?. 2023 ,	O
26	Left and Right Cortical Activity Arising from Preferred Walking Speed in Older Adults. 2023 , 23, 3986	О
25	Does GERAS DANCE improve gait in older adults?. 2023 , 3, 100120	0
24	Development of a mobile application for assessing reaction time in walking and TUG duration: Concurrent validity in female older adults. 10,	О
23	Feasibility and potential cognitive impact of a cognitive-motor dual-task training program using a custom exergame in older adults: A pilot study. 15,	O
22	Slipping while counting: gazegait interactions during perturbed walking under dual-task conditions. 2023 , 241, 765-780	О
21	Investigation of the gait parameters after donepezil treatment in patients with alzheimerls disease. 1-5	O
20	Prevalence and risk factors for abnormal tandem gait in patients with essential tremor syndrome: A cross-sectional study in Southwest China. 14,	О
19	Assessing basic and higher-level psychological needs satisfied through physical activity. 14,	O
18	The feasibility of a stepping exergame prototype for older adults with major neurocognitive disorder residing in a long-term care facility: a mixed methods pilot study. 1-15	0
17	The age-related contribution of cognitive function to dual-task gait in middle-aged adults in Spain: observations from a population-based study. 2023 , 4, e98-e106	O
16	The Dual-Task Effects of Conversating While Walking on Gait Spatiotemporal Parameters in Healthy Young Adults. 2022 , 18, 227-232	О
15	Spatio-Temporal Gait Parameters of Hospitalized Older Patients: Comparison of Fallers and Non-Fallers. 2023 , 20, 4563	O
14	Can anxiety-like behavior and spatial memory predict the extremes of skilled walking performance in mice? An exploratory, preliminary study. 17,	О
13	Dual-task versus single-task gait rehabilitation after stroke: the protocol of the cognitive-motor synergy multicenter, randomized, controlled superiority trial (SYNCOMOT). 2023 , 24,	O
12	Cortical activation and functional connectivity during locomotion tasks in Parkinson disease with freezing of gait. 15,	0
11	Using functional near-infrared spectroscopy to measure prefrontal cortex activity during dual-task walking and navigated walking: A feasibility study. 2023 , 13,	O

CITATION REPORT

10	Uneven terrain versus dual-task walking: differential challenges imposed on walking behavior in older adults are predicted by cognitive and sensorimotor function.	0
9	Executive function and prospective falls: a 6-year longitudinal study in community-dwelling older adults. 2023 , 23,	0
8	Visual-somatosensory integration (VSI) as a novel marker of Alzheimer∃ disease: A comprehensive overview of the VSI study. 15,	O
7	FZYOTERAPĪVE REHABĪJĪJASYONDA YAYINLANAN E T G R EV ĀLIJ MALARININ BBLĪJOMETRĪĶ ANALĪJĪ 2023 , 24, 213-220	O
6	Cognitive-Motor Dual-Task Ability of Elite Badminton Athletes.	O
5	Cognitive Correlates of a Large Time Differential between Timed Up and Go and Gait Speed during Inpatient Stroke Rehabilitation.	O
4	Are Motor Imagery Ability scores related to cortical activity during gait imagery?.	0
3	The Effects of 12-Week Dual-Task Physical©ognitive Training on Gait, Balance, Lower Extremity Muscle Strength, and Cognition in Older Adult Women: A Randomized Study. 2023 , 20, 5498	O
2	Peripersonal tracking accuracy is limited by the speed and phase of locomotion.	0
1	Treadmill Walking Maintains Dual-task Gait Performance and Reduces Frontopolar Cortex Activation in Healthy Adults. 2023 , 521, 148-156	O