Kei Masani

List of Publications by Citations

141 papers	2,825 citations	30 h-index	47 g-index
151 ext. papers	3,298 ext. citations	2.7 avg, IF	5.17 L-index

#	Paper	IF	Citations
141	Importance of body sway velocity information in controlling ankle extensor activities during quiet stance. *Journal of Neurophysiology*, **2003**, 90, 3774-82	3.2	224
140	Controlling balance during quiet standing: proportional and derivative controller generates preceding motor command to body sway position observed in experiments. *Gait and Posture*, **2006**, 23, 164-72	2.6	119
139	Reduced postural sway during quiet standing by light touch is due to finger tactile feedback but not mechanical support. *Experimental Brain Research*, **2008**, 188, 153-8	2.3	108
138	Reciprocal angular acceleration of the ankle and hip joints during quiet standing in humans. *Experimental Brain Research*, **2001**, 136, 463-73	2.3	90
137	Variability of ground reaction forces during treadmill walking. *Journal of Applied Physiology*, **2002**, 92, 1885-90	3.7	83
136	Larger center of pressure minus center of gravity in the elderly induces larger body acceleration during quiet standing. *Neuroscience Letters*, **2007**, 422, 202-6	3.3	77
135	Alternate muscle activity observed between knee extensor synergists during low-level sustained contractions. *Journal of Applied Physiology*, **2002**, 93, 675-84	3.7	73
134	A randomized trial of functional electrical stimulation for walking in incomplete spinal cord injury: Effects on walking competency. *Journal of Spinal Cord Medicine*, **2014**, 37, 511-24	1.9	62
133	Reducing muscle fatigue during transcutaneous neuromuscular electrical stimulation by spatially and sequentially distributing electrical stimulation sources. *European Journal of Applied Physiology*, **2014**, 114, 793-804	3.4	60
132	Postural sway during quiet standing is related to physiological tremor and muscle volume in young and elderly adults. *Gait and Posture*, **2012**, 35, 11-7	2.6	59
131	Acute effects of whole body vibration during passive standing on soleus H-reflex in subjects with and without spinal cord injury. *Neuroscience Letters*, **2010**, 482, 66-70	3.3	57
130	Positive effect of balance training with visual feedback on standing balance abilities in people with incomplete spinal cord injury. *Spinal Cord*, **2010**, 48, 886-93	2.7	56
129	Force fluctuations are modulated by alternate muscle activity of knee extensor synergists during low-level sustained contraction. *Journal of Applied Physiology*, **2004**, 97, 2121-31	3.7	51
128	Pulse wave velocity for assessment of arterial stiffness among people with spinal cord injury: a pilot study. *Journal of Spinal Cord Medicine*, **2009**, 32, 72-8	1.9	50
127	Center of pressure velocity reflects body acceleration rather than body velocity during quiet standing. *Gait and Posture*, **2014**, 39, 946-52	2.6	49
126	Spatially distributed sequential stimulation reduces fatigue in paralyzed triceps surae muscles: a case study. *Artificial Organs*, **2011**, 35, 1174-80	2.6	49
125	Effects of equivolume isometric training programs comprising medium or high resistance on muscle size and strength. *European Journal of Applied Physiology*, **2002**, 87, 112-9	3.4	49

124	Difference in aftereffects following prolonged Achilles tendon vibration on muscle activity during maximal voluntary contraction among plantar flexor synergists. *Journal of Applied Physiology*, **2005**, 98, 1427-33	3.7	49
123	Postural reactions of the trunk muscles to multi-directional perturbations in sitting. *Clinical Biomechanics*, **2009**, 24, 176-82	2.2	47
122	Neuromusculoskeletal torque-generation process has a large destabilizing effect on the control mechanism of quiet standing. *Journal of Neurophysiology*, **2008**, 100, 1465-75	3.2	47
121	Implementation of a physiologically identified PD feedback controller for regulating the active ankle torque during quiet stance. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2007**, 15, 235-43	4.8	44
120	Effects of 20-day bed rest with and without strength training on postural sway during quiet standing. *Acta Physiologica*, **2007**, 189, 279-92	5.6	43
119	Balance control under different passive contributions of the ankle extensors: quiet standing on inclined surfaces. *Experimental Brain Research*, **2009**, 196, 537-44	2.3	42
118	Evaluation of postural control in quiet standing using center of mass acceleration: comparison among the young, the elderly, and people with stroke. *Archives of Physical Medicine and Rehabilitation*, **2008**, 89, 1133-9	2.8	42
117	Posturographic measures in healthy young adults during quiet sitting in comparison with quiet standing. *Medical Engineering and Physics*, **2010**, 32, 32-8	2.4	41
116	Neural-mechanical feedback control scheme generates physiological ankle torque fluctuation during quiet stance. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2010**, 18, 86-95	4.8	40
115	A randomized trial of functional electrical stimulation for walking in incomplete spinal cord injury: effects on body composition. *Journal of Spinal Cord Medicine*, **2012**, 35, 351-60	1.9	38
114	Effects of balance training with visual feedback during mechanically unperturbed standing on postural corrective responses. *Gait and Posture*, **2012**, 35, 339-44	2.6	35
113	Closed-loop control of functional electrical stimulation-assisted arm-free standing in individuals with spinal cord injury: a feasibility study. *Neuromodulation*, **2009**, 12, 22-32	3.1	33
112	Relationship between margin of stability and deviations in spatiotemporal gait features in healthy young adults. *Human Movement Science*, **2018**, 57, 366-373	2.4	31
111	Trunk control impairment is responsible for postural instability during quiet sitting in individuals with cervical spinal cord injury. *Clinical Biomechanics*, **2015**, 30, 507-12	2.2	30
110	What triggers the continuous muscle activity during upright standing?. *Gait and Posture*, **2013**, 37, 72-7	2.6	30
109	Randomized trial of functional electrical stimulation therapy for walking in incomplete spinal cord injury: effects on quality of life and community participation. *Topics in Spinal Cord Injury Rehabilitation*, **2013**, 19, 245-58	1.5	25
108	Comparison of multidirectional seated postural stability between individuals with spinal cord injury and able-bodied individuals. *Journal of Rehabilitation Medicine*, **2013**, 45, 47-54	3.4	24
107	Arm movement improves performance in clinical balance and mobility tests. *Gait and Posture*, **2011**, 33, 507-9	2.6	23

106	Local blood circulation among knee extensor synergists in relation to alternate muscle activity during low-level sustained contraction. *Journal of Applied Physiology*, **2003**, 95, 49-56	3.7	23
105	Responses of the trunk to multidirectional perturbations during unsupported sitting in normal adults. *Journal of Applied Biomechanics*, **2010**, 26, 332-40	1.2	22
104	Ankle muscle co-contractions during quiet standing are associated with decreased postural steadiness in the elderly. *Gait and Posture*, **2017**, 55, 31-36	2.6	21
103	Dynamic Increase in Corticomuscular Coherence during Bilateral, Cyclical Ankle Movements. *Frontiers in Human Neuroscience*, **2017**, 11, 155	3.3	21
102	Unperceivable noise to active light touch effects on fast postural sway. *Neuroscience Letters*, **2012**, 506, 100-3	3.3	21
101	Whole-body vibration during passive standing in individuals with spinal cord injury: effects of plate choice, frequency, amplitude, and subjectЂs posture on vibration propagation. *PM and R*, **2012**, 4, 963-75	2.2	21
100	Cardiovascular response to functional electrical stimulation and dynamic tilt table therapy to improve orthostatic tolerance. *Journal of Electromyography and Kinesiology*, **2008**, 18, 900-7	2.5	21
99	Method to Reduce Muscle Fatigue During Transcutaneous Neuromuscular Electrical Stimulation in Major Knee and Ankle Muscle Groups. *Neurorehabilitation and Neural Repair*, **2015**, 29, 722-33	4.7	20
98	Modulation between bilateral legs and within unilateral muscle synergists of postural muscle activity changes with development and aging. *Experimental Brain Research*, **2014**, 232, 1-11	2.3	20
97	Visualization of trunk muscle synergies during sitting perturbations using self-organizing maps (SOM). *IEEE Transactions on Biomedical Engineering*, **2012**, 59, 2516-23	5	20
96	Anti-phase action between the angular accelerations of trunk and leg is reduced in the elderly. *Gait and Posture*, **2014**, 40, 107-12	2.6	18
95	Muscle synergies reveal impaired trunk muscle coordination strategies in individuals with thoracic spinal cord injury. *Journal of Electromyography and Kinesiology*, **2017**, 36, 40-48	2.5	18
94	Effects of upper limb positions and weight support roles on quasi-static seated postural stability in individuals with spinal cord injury. *Gait and Posture*, **2012**, 36, 572-9	2.6	17
93	PID Controller Design for FES Applied to Ankle Muscles in Neuroprosthesis for Standing Balance. *Frontiers in Neuroscience*, **2017**, 11, 347	5.1	16
92	Multidirectional quantification of trunk stiffness and damping during unloaded natural sitting. *Medical Engineering and Physics*, **2014**, 36, 102-9	2.4	15
91	Fatigue reduction during aggregated and distributed sequential stimulation. *Muscle and Nerve*, **2017**, 56, 271-281	3.4	15
90	The influence of the aquatic environment on the control of postural sway. *Gait and Posture*, **2017**, 51, 70-76	2.6	15
89	A complete, non-lumped, and verifiable set of upper body segment parameters for three-dimensional dynamic modeling. *Medical Engineering and Physics*, **2011**, 33, 70-9	2.4	15

88	Which trunk inclination directions best predict multidirectional-seated limits of stability among individuals with spinal cord injury?. *Journal of Spinal Cord Medicine*, **2012**, 35, 343-50	1.9	15
87	Laser-detected lateral muscle displacement is correlated with force fluctuations during voluntary contractions in humans. *Journal of Neuroscience Methods*, **2008**, 173, 271-8	3	15
86	Contribution of center of mass□center of pressure angle tangent to the required coefficient of friction in the sagittal plane during straight walking. *Biotribology*, **2016**, 5, 16-22	2.3	14
85	Variability of vibrations produced by commercial whole-body vibration platforms. *Journal of Rehabilitation Medicine*, **2014**, 46, 937-40	3.4	14
84	A comprehensive three-dimensional dynamic model of the human head and trunk for estimating lumbar and cervical joint torques and forces from upper body kinematics. *Medical Engineering and Physics*, **2012**, 34, 640-9	2.4	14
83	Differences among lower leg muscles in long-term activity during ambulatory condition without any moderate to high intensity exercise. *Journal of Electromyography and Kinesiology*, **2009**, 19, e50-6	2.5	14
82	Cardiovascular response of individuals with spinal cord injury to dynamic functional electrical stimulation under orthostatic stress. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2013**, 21, 37-46	4.8	13
81	Dynamic cortical participation during bilateral, cyclical ankle movements: effects of aging. *Scientific Reports*, **2017**, 7, 44658	4.9	13
80	Muscle activity, cross-sectional area, and density following passive standing and whole body vibration: A case series. *Journal of Spinal Cord Medicine*, **2014**, 37, 575-81	1.9	13
79	Failure of spinal paired associative stimulation to induce neuroplasticity in the human corticospinal tract. *Journal of Spinal Cord Medicine*, **2014**, 37, 565-74	1.9	13
78	Low-intensity functional electrical stimulation can increase multidirectional trunk stiffness in able-bodied individuals during sitting. *Medical Engineering and Physics*, **2015**, 37, 777-82	2.4	12
77	Effect of whole-body vibration on lower-limb EMG activity in subjects with and without spinal cord injury. *Journal of Spinal Cord Medicine*, **2014**, 37, 525-36	1.9	11
76	Required muscle mass for preventing lifestyle-related diseases in Japanese women. *BMC Public Health*, **2008**, 8, 291	4.1	11
75	Lower Limb Assistive Device Design Optimization Using Musculoskeletal Modeling: A Review. *Journal of Medical Devices, Transactions of the ASME*, **2019**, 13,	1.3	11
74	Effects of Trunk Impairments on Manual Wheelchair Propulsion Among Individuals with a Spinal Cord Injury: A Brief Overview and Future Challenges. *Topics in Spinal Cord Injury Rehabilitation*, **2009** , 15, 59-70	1.5	11
73	Multisegment Kinematics of the Spinal Column: Soft Tissue Artifacts Assessment. *Journal of Biomechanical Engineering*, **2016**, 138,	2.1	11
72	Intensive Balance Training for Adults With Incomplete Spinal Cord Injuries: Protocol for an Assessor-Blinded Randomized Clinical Trial. *Physical Therapy*, **2019**, 99, 420-427	3.3	11
71	Quantifying balance control after spinal cord injury: Reliability and validity of the mini-BESTest. *Journal of Spinal Cord Medicine*, **2019**, 42, 141-148	1.9	10

70	Anticipation of direction and time of perturbation modulates the onset latency of trunk muscle responses during sitting perturbations. *Journal of Electromyography and Kinesiology*, **2016**, 26, 94-101	2.5	10
69	Smaller sway size during quiet standing is associated with longer preceding time of motor command to body sway. *Gait and Posture*, **2011**, 33, 14-7	2.6	10
68	Test-retest reliability of pulse wave velocity in individuals with chronic spinal cord injury. *Journal of Spinal Cord Medicine*, **2012**, 35, 400-5	1.9	10
67	Fractal correlation of initial trajectory dynamics vanishes at the movement end point in human rapid goal-directed movements. *Neuroscience Letters*, **2001**, 304, 173-6	3.3	10
66	Acute Positive Effects of Exercise on Center-of-Pressure Fluctuations During Quiet Standing in Middle-Aged and Elderly Women. *Journal of Strength and Conditioning Research*, **2016**, 30, 208-16	3.2	9
65	Functional Electrical Stimulation in Rehabilitation and Neurorehabilitation **2011**, 877-896		9
64	A Portable and Automated Postural Perturbation System for Balance Assessment, Training, and Neuromuscular System Identification. *Journal of Medical Devices, Transactions of the ASME*, **2008**, 2,	1.3	9
63	Reactive stepping after a forward fall in people living with incomplete spinal cord injury or disease. *Spinal Cord*, **2020**, 58, 185-193	2.7	9
62	Decrease in required coefficient of friction due to smaller lean angle during turning in older adults. *Journal of Biomechanics*, **2018**, 74, 163-170	2.9	8
61	Evaluating the efficacy of functional electrical stimulation therapy assisted walking after chronic motor incomplete spinal cord injury: effects on bone biomarkers and bone strength. *Journal of Spinal Cord Medicine*, **2017**, 40, 748-758	1.9	8
60	Video game-based neuromuscular electrical stimulation system for calf muscle training: a case study. *Medical Engineering and Physics*, **2011**, 33, 249-55	2.4	8
59	Temporal correlations in center of body mass fluctuations during standing and walking. *Human Movement Science*, **2010**, 29, 556-66	2.4	8
58	Dynamic cortical participation during bilateral, cyclical ankle movements: Effects of Parkinson's disease. *PLoS ONE*, **2018**, 13, e0196177	3.7	8
57	Body movement induced by electrical stimulation of toe muscles during standing. *Artificial Organs*, **2008**, 32, 5-12	2.6	8
56	Trunk muscle co-activation using functional electrical stimulation modifies center of pressure fluctuations during quiet sitting by increasing trunk stiffness. *Journal of NeuroEngineering and Rehabilitation*, **2015**, 12, 99	5.3	7
55	Why brain-controlled neuroprosthetics matter: mechanisms underlying electrical stimulation of muscles and nerves in rehabilitation. *BioMedical Engineering OnLine*, **2020**, 19, 81	4.1	6
54	Closed-loop control of ankle plantarflexors and dorsiflexors using an inverted pendulum apparatus: A pilot study. *Journal of Automatic Control*, **2013**, 21, 31-36		6
53	Functional Electrical Stimulation Therapy: Recovery of Function Following Spinal Cord Injury and Stroke **2016**, 513-532		6

52	The influence of the aquatic environment on the center of pressure, impulses and upper and lower trunk accelerations during gait initiation. *Gait and Posture*, **2017**, 58, 469-475	2.6	5
51	Spatially distributed sequential stimulation reduces muscle fatigue during neuromuscular electrical stimulation. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2013**, 2013, 3614-7	0.9	5
50	Passive knee movement-induced modulation of the soleus H-reflex and alteration in the fascicle length of the medial gastrocnemius muscle in humans. *Journal of Electromyography and Kinesiology*, **2010**, 20, 513-22	2.5	5
49	Relation between postural stability and plantar flexors muscle volume in young males. *Medicine and Science in Sports and Exercise*, **2011**, 43, 2089-94	1.2	5
48	Neural-mechanical feedback control scheme can generate physiological ankle torque fluctuation during quiet standing: A comparative analysis of contributing torque components **2008**,		5
47	Action possibility judgments of people with varying motor abilities due to spinal cord injury. *PLoS ONE*, **2014**, 9, e110250	3.7	5
46	Identification of ankle plantar-flexors dynamics in response to electrical stimulation. *Medical Engineering and Physics*, **2016**, 38, 1166-1171	2.4	5
45	Fatigue and Discomfort During Spatially Distributed Sequential Stimulation of Tibialis Anterior. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2019**, 27, 1566-1573	4.8	4
44	Kinematic error magnitude in the single-mass inverted pendulum model of human standing posture. *Gait and Posture*, **2018**, 63, 23-26	2.6	4
43	Wheelchair Neuroprosthesis for Improving Dynamic Trunk Stability. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2017**, 25, 2472-2479	4.8	4
42	Inverted Pendulum Standing Apparatus for Investigating Closed-Loop Control of Ankle Joint Muscle Contractions during Functional Electrical Stimulation. *International Scholarly Research Notices*, **2014**, 2014, 192097	0	4
41	Spinal cord stimulation for gait impairment in spinocerebellar ataxia 7. *Journal of Neurology*, **2014**, 261, 570-4	5.5	4
40	Instability prediction by monitoring center of pressure during standing. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, **2006**, 2006, 5412-5		4
39	Misalignment of the Desired and Measured Center of Pressure Describes Falls Caused by Slip during Turning. *PLoS ONE*, **2016**, 11, e0155418	3.7	4
38	Motor point stimulation primarily activates motor nerve. *Neuroscience Letters*, **2020**, 736, 135246	3.3	4
37	Functional Electrical Stimulation Plus Visual Feedback Balance Training for Standing Balance Performance Among Individuals With Incomplete Spinal Cord Injury: A Case Series. *Frontiers in Neurology*, **2020**, 11, 680	4.1	4
36	Defective corticomuscular connectivity during walking in patients with Parkinson's disease. *Journal of Neurophysiology*, **2020**, 124, 1399-1414	3.2	4
35	Development of priorities for a Canadian strategy to advance activity-based therapies after spinal cord injury. *Spinal Cord*, **2021**, 59, 874-884	2.7	4

34	Effects of age-related changes in step length and step width on the required coefficient of friction during straight walking. *Gait and Posture*, **2019**, 69, 195-201	2.6	3
33	The measurement properties of the Lean-and-Release test in people with incomplete spinal cord injury or disease. *Journal of Spinal Cord Medicine*, **2020**, 1-10	1.9	3
32	Cosine tuning determines plantarflexorsTactivities during human upright standing and is affected by incomplete spinal cord injury. *Journal of Neurophysiology*, **2020**, 123, 2343-2354	3.2	3
31	Sensitivity of intersegmental angles of the spinal column to errors due to marker misplacement. *Journal of Biomechanical Engineering*, **2015**, 137,	2.1	3
30	Step Prediction During Perturbed Standing Using Center Of Pressure Measurements. *Sensors*, **2007**, 7, 459-472	3.8	3
29	Contribution of Each Motor Point of Quadriceps Femoris to Knee Extension Torque During Neuromuscular Electrical Stimulation. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2021**, 29, 389-396	4.8	3
28	The Effect of Perturbation-Based Balance Training and Conventional Intensive Balance Training on Reactive Stepping Ability in Individuals With Incomplete Spinal Cord Injury or Disease: A Randomized Clinical Trial. *Frontiers in Neurology*, **2021**, 12, 620367	4.1	3
27	Kinematics-based prediction of trunk muscle activity in response to multi-directional perturbations during sitting. *Medical Engineering and Physics*, **2018**,	2.4	3
26	Clinical Benefits and System Design of FES-Rowing Exercise for Rehabilitation of Individuals with Spinal Cord Injury: A Systematic Review. *Archives of Physical Medicine and Rehabilitation*, **2021**, 102, 1595-1605	2.8	3
25	Heel strike detection using split force-plate treadmill. *Gait and Posture*, **2015**, 41, 863-6	2.6	2
24	Interjoint coordination between the ankle and hip joints during quiet standing in individuals with motor incomplete spinal cord injury. *Journal of Neurophysiology*, **2021**, 125, 1681-1689	3.2	2
23	Dynamic Fluctuation of Truncal Shift Parameters During Quiet Standing in Healthy Young Individuals. *Spine*, **2018**, 43, E746-E751	3.3	2
22	Comparison of lower limb joint moment and power during turning gait between young and old adults using hierarchical Bayesian inference. *Journal of Biomechanics*, **2020**, 103, 109702	2.9	1
21	Effects of water immersion on gait initiation: part II of a case series after incomplete spinal cord injury. *Spinal Cord Series and Cases*, **2019**, 5, 84	1.4	1
20	Body Movement Induced by Electrical Stimulation of Toe Muscles During Standing. *Artificial Organs*, **2007**, 32, 070802063815009-???	2.6	1
19	Development of Visual Feedback Training Using Functional Electrical Stimulation Therapy for Balance Rehabilitation. *STEM Fellowship Journal*, **2017**, 3, 1-2	0.2	1
18	A Generic Sequential Stimulation Adapter for Reducing Muscle Fatigue during Functional Electrical Stimulation. *Sensors*, **2021**, 21,	3.8	1
17	Minimizing muscle fatigue through optimization of electrical stimulation parameters. *Journal of Biomedical Engineering and Informatics*, **2016**, 3, 33		1

16	Unveiling visuomotor control of bipedal stance, step by step. *Journal of Physiology*, **2016**, 594, 5365-6	3.9	1
15	Effects of water immersion on quasi-static standing exploring center of pressure sway and trunk acceleration: a case series after incomplete spinal cord injury. *Spinal Cord Series and Cases*, **2019**, 5, 5	1.4	1
14	The nociceptive flexion reflex: a scoping review and proposed standardized methodology for acquisition in those affected by chronic pain. *British Journal of Pain*, **2021**, 15, 102-113	2.1	1
13	Validity and Reliability of Surface Electromyography Features in Lower Extremity Muscle Contraction in Healthy and Spinal Cord-Injured Participants. *Topics in Spinal Cord Injury Rehabilitation*, **2021**, 27, 14-27	1.5	1
12	The effects of epidural stimulation on individuals living with spinal cord injury or disease: a scoping review. *Physical Therapy Reviews*, **2021**, 26, 344-369	0.7	1
11	Quantitative response of healthy muscle following the induction of capsaicin: an exploratory randomized controlled trial. *Trials*, **2020**, 21, 1020	2.8	0
10	Nociceptive Flexion Reflex Threshold in Chronic Pain Patients: A Needed Update for the Current Evidence. *American Journal of Physical Medicine and Rehabilitation*, **2021**, 100, 750-759	2.6	0
9	Feasibility and significance of stimulating interscapular muscles using transcutaneous functional electrical stimulation in able-bodied individuals. *Journal of Spinal Cord Medicine*, **2021**, 44, S185-S192	1.9	0
8	Motor Point Stimulation in Spinal Paired Associative Stimulation can Facilitate Spinal Cord Excitability. *Frontiers in Human Neuroscience*, **2020**, 14, 593806	3.3	0
7	Fibromyalgia and Nociceptive Flexion Reflex (NFR) Threshold: A Systematic Review, Meta-Analysis, and Identification of a Possible Source of Heterogeneity. *Journal of Pain Research*, **2021**, 14, 1653-1665	2.9	0
6	Co-contraction of ankle muscle activity during quiet standing in individuals with incomplete spinal cord injury is associated with postural instability. *Scientific Reports*, **2021**, 11, 19599	4.9	0
5	Effect of Spatially Distributed Sequential Stimulation on Fatigue in Functional Electrical Stimulation Rowing.. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2022**, 30, 999-1008	4.8	0
4	EMG activities of mono- and bi-articular muscles during goal-directed ballistic movement. *Human Movement Science*, **1994**, 13, 601-610	2.4	
3	Comparison Of Ankle Torque Control Error In Healthy Older And Young Subjects During Quiet Standing. *Medicine and Science in Sports and Exercise*, **2005**, 37, S162	1.2	
2	Arterial Stiffness in Persons with SCI: A Pilot Study. *Medicine and Science in Sports and Exercise*, **2008** , 40, S318	1.2	
1	Characterizing inter-limb synchronization after incomplete spinal cord injury: A cross-sectional study. *Gait and Posture*, **2021**, 85, 191-197	2.6	