Kei Masani

List of Publications by Year
in descending order

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147 papers	3,703 citations	126901 33 h-index	168376 53 g-index
151 all docs	151 docs citations	151 times ranked	3139 citing authors

#	Article	IF	Citations
1	Importance of Body Sway Velocity Information in Controlling Ankle Extensor Activities During Quiet Stance. Journal of Neurophysiology, 2003, 90, 3774-3782.	1.8	274
2	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, 164-172.	1.4	145
3	Reduced postural sway during quiet standing by light touch is due to finger tactile feedback but not mechanical support. Experimental Brain Research, 2008, 188, 153-158.	1.5	123
4	Reciprocal angular acceleration of the ankle and hip joints during quiet standing in humans. Experimental Brain Research, 2001, 136, 463-473.	1.5	108
5	Larger center of pressure minus center of gravity in the elderly induces larger body acceleration during quiet standing. Neuroscience Letters, 2007, 422, 202-206.	2.1	99
6	Variability of ground reaction forces during treadmill walking. Journal of Applied Physiology, 2002, 92, 1885-1890.	2.5	97
7	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, 511-524.	1.4	90
8	Alternate muscle activity observed between knee extensor synergists during low-level sustained contractions. Journal of Applied Physiology, 2002, 93, 675-684.	2.5	83
9	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.	2.1	76
10	Postural sway during quiet standing is related to physiological tremor and muscle volume in young and elderly adults. Gait and Posture, 2012, 35, 11-17.	1.4	75
11	Positive effect of balance training with visual feedback on standing balance abilities in people with incomplete spinal cord injury. Spinal Cord, 2010, 48, 886-893.	1.9	74
12	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.	2.5	72
13	Center of pressure velocity reflects body acceleration rather than body velocity during quiet standing. Gait and Posture, 2014, 39, 946-952.	1.4	63
14	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, 1133-1139.	0.9	61
15	Neuromusculoskeletal Torque-Generation Process Has a Large Destabilizing Effect on the Control Mechanism of Quiet Standing. Journal of Neurophysiology, 2008, 100, 1465-1475.	1.8	61
16	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, 1427-1433.	2.5	58
17	Pulse Wave Velocity for Assessment of Arterial Stiffness Among People With Spinal Cord Injury: A Pilot Study. Journal of Spinal Cord Medicine, 2009, 32, 72-78.	1.4	58
18	Spatially Distributed Sequential Stimulation Reduces Fatigue in Paralyzed Triceps Surae Muscles: A Case Study. Artificial Organs, 2011, 35, 1174-1180.	1.9	58

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19	Effects of equivolume isometric training programs comprising medium or high resistance on muscle size and strength. European Journal of Applied Physiology, 2002, 87, 112-119.	2.5	55
20	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, 235-243.	4.9	54
21	Force fluctuations are modulated by alternate muscle activity of knee extensor synergists during low-level sustained contraction. Journal of Applied Physiology, 2004, 97, 2121-2131.	2.5	53
22	Postural reactions of the trunk muscles to multi-directional perturbations in sitting. Clinical Biomechanics, 2009, 24, 176-182.	1.2	53
23	Trunk control impairment is responsible for postural instability during quiet sitting in individuals with cervical spinal cord injury. Clinical Biomechanics, 2015, 30, 507-512.	1.2	53
24	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.	4.9	52
25	Posturographic measures in healthy young adults during quiet sitting in comparison with quiet standing. Medical Engineering and Physics, 2010, 32, 32-38.	1.7	52
26	Effects of 20-day bed rest with and without strength training on postural sway during quiet standing. Acta Physiologica, 2007, 189, 279-292.	3.8	50
27	Balance control under different passive contributions of the ankle extensors: quiet standing on inclined surfaces. Experimental Brain Research, 2009, 196, 537-544.	1.5	50
28	Relationship between margin of stability and deviations in spatiotemporal gait features in healthy young adults. Human Movement Science, 2018, 57, 366-373.	1.4	47
29	Muscle synergies reveal impaired trunk muscle coordination strategies in individuals with thoracic spinal cord injury. Journal of Electromyography and Kinesiology, 2017, 36, 40-48.	1.7	44
30	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, 351-360.	1.4	41
31	Effects of balance training with visual feedback during mechanically unperturbed standing on postural corrective responses. Gait and Posture, 2012, 35, 339-344.	1.4	40
32	What triggers the continuous muscle activity during upright standing?. Gait and Posture, 2013, 37, 72-77.	1.4	40
33	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.	0.8	37
34	Ankle muscle co-contractions during quiet standing are associated with decreased postural steadiness in the elderly. Gait and Posture, 2017, 55, 31-36.	1.4	36
35	Why brain-controlled neuroprosthetics matter: mechanisms underlying electrical stimulation of muscles and nerves in rehabilitation. BioMedical Engineering OnLine, 2020, 19, 81.	2.7	31
36	Arm movement improves performance in clinical balance and mobility tests. Gait and Posture, 2011, 33, 507-509.	1.4	28

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37	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, 572-579.	1.4	28
38	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, 245-258.	1.8	28
39	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.	2.5	27
40	Comparison of multidirectional seated postural stability between individuals with spinal cord injury and able-bodied individuals. Journal of Rehabilitation Medicine, 2013, 45, 47-54.	1.1	27
41	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.	1.5	27
42	Cardiovascular response to functional electrical stimulation and dynamic tilt table therapy to improve orthostatic tolerance. Journal of Electromyography and Kinesiology, 2008, 18, 900-907.	1.7	25
43	Unperceivable noise to active light touch effects on fast postural sway. Neuroscience Letters, 2012, 506, 100-103.	2.1	25
44	Wholeâ€Body Vibration During Passive Standing in Individuals With Spinal Cord Injury: Effects of Plate Choice, Frequency, Amplitude, and Subject's Posture on Vibration Propagation. PM and R, 2012, 4, 963-975.	1.6	25
45	Method to Reduce Muscle Fatigue During Transcutaneous Neuromuscular Electrical Stimulation in Major Knee and Ankle Muscle Groups. Neurorehabilitation and Neural Repair, 2015, 29, 722-733.	2.9	25
46	Dynamic Increase in Corticomuscular Coherence during Bilateral, Cyclical Ankle Movements. Frontiers in Human Neuroscience, 2017, 11, 155.	2.0	25
47	PID Controller Design for FES Applied to Ankle Muscles in Neuroprosthesis for Standing Balance. Frontiers in Neuroscience, 2017, 11, 347.	2.8	25
48	Lower Limb Assistive Device Design Optimization Using Musculoskeletal Modeling:A Review. Journal of Medical Devices, Transactions of the ASME, 2019, 13, .	0.7	25
49	Responses of the Trunk to Multidirectional Perturbations during Unsupported Sitting in Normal Adults. Journal of Applied Biomechanics, 2010, 26, 332-340.	0.8	24
50	Visualization of Trunk Muscle Synergies During Sitting Perturbations Using Self-Organizing Maps (SOM). IEEE Transactions on Biomedical Engineering, 2012, 59, 2516-2523.	4.2	24
51	A complete, non-lumped, and verifiable set of upper body segment parameters for three-dimensional dynamic modeling. Medical Engineering and Physics, 2011, 33, 70-79.	1.7	23
52	Anti-phase action between the angular accelerations of trunk and leg is reduced in the elderly. Gait and Posture, 2014, 40, 107-112.	1.4	21
53	The influence of the aquatic environment on the control of postural sway. Gait and Posture, 2017, 51, 70-76.	1.4	21
54	Laser-detected lateral muscle displacement is correlated with force fluctuations during voluntary contractions in humans. Journal of Neuroscience Methods, 2008, 173, 271-278.	2.5	20

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55	Multidirectional quantification of trunk stiffness and damping during unloaded natural sitting. Medical Engineering and Physics, 2014, 36, 102-109.	1.7	20
56	Fatigue reduction during aggregated and distributed sequential stimulation. Muscle and Nerve, 2017, 56, 271-281.	2.2	20
57	Which trunk inclination directions best predict multidirectional-seated limits of stability among individuals with spinal cord injury?. Journal of Spinal Cord Medicine, 2012, 35, 343-350.	1.4	19
58	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.	1.4	18
59	Intensive Balance Training for Adults With Incomplete Spinal Cord Injuries: Protocol for an Assessor-Blinded Randomized Clinical Trial. Physical Therapy, 2019, 99, 420-427.	2.4	18
60	Contribution of center of massâ€“center of pressure angle tangent to the required coefficient of friction in the sagittal plane during straight walking. Biotribology, 2016, 5, 16-22.	1.9	17
61	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.	1.8	17
62	Functional Electrical Stimulation in Rehabilitation and Neurorehabilitation. , 2011, , 877-896.		16
63	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, 640-649.	1.7	16
64	Variability of vibrations produced by commercial whole-body vibration platforms. Journal of Rehabilitation Medicine, 2014, 46, 937-940.	1.1	16
65	Low-intensity functional electrical stimulation can increase multidirectional trunk stiffness in able-bodied individuals during sitting. Medical Engineering and Physics, 2015, 37, 777-782.	1.7	16
66	Multisegment Kinematics of the Spinal Column: Soft Tissue Artifacts Assessment. Journal of Biomechanical Engineering, 2016, 138, .	1.3	16
67	Reactive stepping after a forward fall in people living with incomplete spinal cord injury or disease. Spinal Cord, 2020, 58, 185-193.	1.9	16
68	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-e56.	1.7	15
69	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.	4.9	15
70	Failure of spinal paired associative stimulation to induce neuroplasticity in the human corticospinal tract. Journal of Spinal Cord Medicine, 2014, 37, 565-574.	1.4	15
71	Dynamic cortical participation during bilateral, cyclical ankle movements: effects of aging. Scientific Reports, 2017, 7, 44658.	3.3	15
72	Motor point stimulation primarily activates motor nerve. Neuroscience Letters, 2020, 736, 135246.	2.1	15

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73	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, 525-536.	1.4	14
74	Muscle activity, cross-sectional area, and density following passive standing and whole body vibration: A case series. Journal of Spinal Cord Medicine, 2014, 37, 575-581.	1.4	13
75	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.	1.7	13
76	Decrease in required coefficient of friction due to smaller lean angle during turning in older adults. Journal of Biomechanics, 2018, 74, 163-170.	2.1	13
77	Development of priorities for a Canadian strategy to advance activity-based therapies after spinal cord injury. Spinal Cord, 2021, 59, 874-884.	1.9	13
78	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.	0.9	13
79	Required muscle mass for preventing lifestyle-related diseases in Japanese women. BMC Public Health, 2008, 8, 291.	2.9	12
80	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.	4.6	12
81	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, 208-216.	2.1	12
82	Quantifying balance control after spinal cord injury: Reliability and validity of the mini-BESTest. Journal of Spinal Cord Medicine, 2019, 42, 141-148.	1.4	12
83	Fractal correlation of initial trajectory dynamics vanishes at the movement end point in human rapid goal-directed movements. Neuroscience Letters, 2001, 304, 173-176.	2.1	11
84	Smaller sway size during quiet standing is associated with longer preceding time of motor command to body sway. Gait and Posture, 2011, 33, 14-17.	1.4	11
85	Testâ€“retest reliability of pulse wave velocity in individuals with chronic spinal cord injury. Journal of Spinal Cord Medicine, 2012, 35, 400-405.	1.4	11
86	Functional Electrical Stimulation Therapy: Recovery of Function Following Spinal Cord Injury and Stroke. , 2016, , 513-532.		11
87	Body movement induced by electrical stimulation of toe muscles during standing. Artificial Organs, 2008, 32, 5-12.	1.9	11
88	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, .	0.7	10
89	Video game-based neuromuscular electrical stimulation system for calf muscle training: A case study. Medical Engineering and Physics, 2011, 33, 249-255.	1.7	10
90	Dynamic cortical participation during bilateral, cyclical ankle movements: Effects of Parkinsonâ€™s disease. PLoS ONE, 2018, 13, e0196177.	2.5	10

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91	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.	1.4	10
92	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.	2.4	10
93	Defective corticomuscular connectivity during walking in patients with Parkinsonâ€™s disease. Journal of Neurophysiology, 2020, 124, 1399-1414.	1.8	10
94	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.	2.4	10
95	Temporal correlations in center of body mass fluctuations during standing and walking. Human Movement Science, 2010, 29, 556-566.	1.4	9
96	Closed-loop control of ankle plantarflexors and dorsiflexors using an inverted pendulum apparatus: A pilot study. Journal of Automatic Control, 2013, 21, 31-36.	1.0	9
97	Body Movement Induced by Electrical Stimulation of Toe Muscles During Standing. Artificial Organs, 2008, 32, 5-12.	1.9	8
98	Relation between Postural Stability and Plantar Flexors Muscle Volume in Young Males. Medicine and Science in Sports and Exercise, 2011, 43, 2089-2094.	0.4	8
99	Wheelchair Neuroprosthesis for Improving Dynamic Trunk Stability. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2472-2479.	4.9	8
100	Kinematic error magnitude in the single-mass inverted pendulum model of human standing posture. Gait and Posture, 2018, 63, 23-26.	1.4	8
101	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.	3.3	8
102	Inverted Pendulum Standing Apparatus for Investigating Closed-Loop Control of Ankle Joint Muscle Contractions during Functional Electrical Stimulation. International Scholarly Research Notices, 2014, 2014, 1-8.	0.9	7
103	Identification of ankle plantar-flexors dynamics in response to electrical stimulation. Medical Engineering and Physics, 2016, 38, 1166-1171.	1.7	7
104	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.	1.4	7
105	Action Possibility Judgments of People with Varying Motor Abilities Due to Spinal Cord Injury. PLoS ONE, 2014, 9, e110250.	2.5	7
106	Misalignment of the Desired and Measured Center of Pressure Describes Falls Caused by Slip during Turning. PLoS ONE, 2016, 11, e0155418.	2.5	7
107	Spatially distributed sequential stimulation reduces muscle fatigue during neuromuscular electrical stimulation. , 2013, 2013, 3614-7.		6
108	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.	4.9	6

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109	Nociceptive Flexion Reflex Threshold in Chronic Pain Patients. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 750-759.	1.4	6
110	Instability Prediction by Monitoring Center of Pressure During Standing. , 2006, 2006, 5412-5.		5
111	Neural-mechanical feedback control scheme can generate physiological ankle torque fluctuation during quiet standing: A comparative analysis of contributing torque components. , 2008, , .		5
112	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, 513-522.	1.7	5
113	Kinematics-based prediction of trunk muscle activity in response to multi-directional perturbations during sitting. Medical Engineering and Physics, 2018, 58, 56-63.	1.7	5
114	Fatigue and Discomfort During Spatially Distributed Sequential Stimulation of Tibialis Anterior. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1566-1573.	4.9	5
115	Motor Point Stimulation in Spinal Paired Associative Stimulation can Facilitate Spinal Cord Excitability. Frontiers in Human Neuroscience, 2020, 14, 593806.	2.0	5
116	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.	1.5	5
117	Spinal cord stimulation for gait impairment in spinocerebellar ataxia 7. Journal of Neurology, 2014, 261, 570-574.	3.6	4
118	Sensitivity of Intersegmental Angles of the Spinal Column to Errors Due to Marker Misplacement. Journal of Biomechanical Engineering, 2015, 137, .	1.3	4
119	Heel strike detection using split force-plate treadmill. Gait and Posture, 2015, 41, 863-866.	1.4	4
120	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.	0.6	4
121	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.	1.4	4
122	Cosine tuning determines plantarflexors' activities during human upright standing and is affected by incomplete spinal cord injury. Journal of Neurophysiology, 2020, 123, 2343-2354.	1.8	4
123	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.	1.8	4
124	Step Prediction During Perturbed Standing Using Center Of Pressure Measurements. Sensors, 2007, 7, 459-472.	3.8	3
125	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.	0.6	3
126	Validity and Reliability of Surface Electromyography Features in Lower Extremity Muscle Contraction in Healthy and Spinal Cordâ€“Injured Participants. Topics in Spinal Cord Injury Rehabilitation, 2021, 27, 14-27.	1.8	3

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127	Motor point stimulation induces more robust Fâ€waves than peripheral nerve stimulation. European Journal of Neuroscience, 2022, 55, 1614-1628.	2.6	3
128	Minimizing muscle fatigue through optimization of electrical stimulation parameters. Journal of Biomedical Engineering and Informatics, 2016, 3, 33.	0.2	2
129	Closed-loop control of standing neuroprosthesis using PID controller. , 2017, , .		2
130	Dynamic Fluctuation of Truncal Shift Parameters During Quiet Standing in Healthy Young Individuals. Spine, 2018, 43, E746-E751.	2.0	2
131	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.	2.1	2
132	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, Volume 14, 1653-1665.	2.0	2
133	The effects of epidural stimulation on individuals living with spinal cord injury or disease: a scoping review. Physical Therapy Reviews, 2021, 26, 344-369.	0.8	2
134	A Generic Sequential Stimulation Adapter for Reducing Muscle Fatigue during Functional Electrical Stimulation. Sensors, 2021, 21, 7248.	3.8	2
135	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.	1.4	2
136	Unveiling visuomotor control of bipedal stance, step by step. Journal of Physiology, 2016, 594, 5365-5366.	2.9	1
137	Quantitative response of healthy muscle following the induction of capsaicin: an exploratory randomized controlled trial. Trials, 2020, 21, 1020.	1.6	1
138	Development of Visual Feedback Training Using Functional Electrical Stimulation Therapy for Balance Rehabilitation. STEM Fellowship Journal, 2017, 3, 1-2.	0.3	1
139	Computational Study on Spatially Distributed Sequential Stimulation for Fatigue Resistant Neuromuscular Electrical Stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2578-2586.	4.9	1
140	Development of a Coaching System for Functional Electrical Stimulation Rowing: A Feasibility Study in Able-Bodied Individuals. Sensors, 2022, 22, 1813.	3.8	1
141	Effect of Spatially Distributed Sequential Stimulation on Fatigue in Functional Electrical Stimulation Rowing. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1-1.	4.9	1
142	EMG activities of mono- and bi-articular muscles during goal-directed ballistic movement. Human Movement Science, 1994, 13, 601-610.	1.4	0
143	Authorsâ€™ response. Journal of Spinal Cord Medicine, 2015, 38, 421-421.	1.4	0
144	Characterizing inter-limb synchronization after incomplete spinal cord injury: A cross-sectional study. Gait and Posture, 2021, 85, 191-197.	1.4	0

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145	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.	0.4	0
146	Arterial Stiffness in Persons with SCI: A Pilot Study. Medicine and Science in Sports and Exercise, 2008, 40, S318.	0.4	0
147	The experiences of people with incomplete spinal cord injury or disease during intensive balance training and the impact of the program: A qualitative study. Spinal Cord, 0, , .	1.9	0