

William W Tsang

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,262
citations

236925

25
h-index

243625

44
g-index

70
all docs

70
docs citations

70
times ranked

2477
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of 4- and 8-wk Intensive Tai Chi Training on Balance Control in the Elderly. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 648-657.	0.4	133
2	Tai Chi improves standing balance control under reduced or conflicting sensory conditions11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 129-137.	0.9	123
3	Effects of Exercise on Joint Sense and Balance in Elderly Men: Tai Chi versus Golf. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 658-667.	0.4	118
4	Balance Control in Adolescents With Idiopathic Scoliosis and Disturbed Somatosensory Function. <i>Spine</i> , 2006, 31, E437-E440.	2.0	114
5	Comparison of Muscle Torque, Balance, and Confidence in Older Tai Chi and Healthy Adults. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 280-289.	0.4	90
6	Effectiveness of Exergaming Training in Reducing Risk and Incidence of Falls in Frail Older Adults With a History of Falls. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 2096-2102.	0.9	78
7	The effects of Tai Chi on the balance control of elderly persons with visual impairment: a randomised clinical trial. <i>Age and Ageing</i> , 2012, 41, 254-259.	1.6	72
8	Psycho-physical and neurophysiological effects of qigong on depressed elders with chronic illness. <i>Ageing and Mental Health</i> , 2013, 17, 336-348.	2.8	72
9	Does Tai Chi improve balance and reduce falls incidence in neurological disorders? A systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2018, 32, 1157-1168.	2.2	72
10	Taekwondo training improves sensory organization and balance control in children with developmental coordination disorder: A randomized controlled trial. <i>Research in Developmental Disabilities</i> , 2012, 33, 85-95.	2.2	66
11	Effect of Exercise and Cognitive Training on Falls and Fall-Related Factors in Older Adults With Mild Cognitive Impairment: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 2079-2096.	0.9	61
12	Effects of Tai Chi on Lower Limb Proprioception in Adults Aged Over 55: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1102-1113.	0.9	60
13	Stability Limits, Single-Leg Jump, and Body Awareness in Older Tai Chi Practitioners. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 215-220.	0.9	59
14	Risk factors for falls in patients with total hip arthroplasty and total knee arthroplasty: a systematic review and meta-analysis. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 979-993.	1.3	57
15	Altered postural control strategies and sensory organization in children with developmental coordination disorder. <i>Human Movement Science</i> , 2012, 31, 1317-1327.	1.4	56
16	Development and validation of a Chinese version of the Falls Efficacy Scale International. <i>Archives of Gerontology and Geriatrics</i> , 2013, 56, 169-174.	3.0	55
17	Low-level Taekwondo practitioners have better somatosensory organisation in standing balance than sedentary people. <i>European Journal of Applied Physiology</i> , 2011, 111, 1787-1793.	2.5	52
18	Changes in knee moments with contralateral versus ipsilateral cane usage in females with knee osteoarthritis. <i>Clinical Biomechanics</i> , 2005, 20, 396-404.	1.2	49

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19	Walkway Length, But Not Turning Direction, Determines the Six-Minute Walk Test Distance in Individuals With Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 806-811.	0.9	45
20	Standing Balance After Vestibular Stimulation in Tai Chiâ€“Practicing and Nonpracticing Healthy Older Adults. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 546-553.	0.9	43
21	Differential effect of Taekwondo training on knee muscle strength and reactive and static balance control in children with developmental coordination disorder: A randomized controlled trial. <i>Research in Developmental Disabilities</i> , 2013, 34, 1446-1455.	2.2	43
22	Do Older <i>T'ai Chi</i> Practitioners Have Better Attention and Memory Function?. <i>Journal of Alternative and Complementary Medicine</i> , 2010, 16, 1259-1264.	2.1	42
23	Static and Dynamic Balance Control in Older Golfers. <i>Journal of Aging and Physical Activity</i> , 2010, 18, 1-13.	1.0	35
24	Effects of Tai Chi training on arterial compliance and muscle strength in female seniors: a randomized clinical trial. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 238-245.	1.8	35
25	Balance control in very old adults with and without visual impairment. <i>European Journal of Applied Physiology</i> , 2012, 112, 1631-1636.	2.5	28
26	Golfers have better balance control and confidence than healthy controls. <i>European Journal of Applied Physiology</i> , 2011, 111, 2805-2812.	2.5	27
27	The effects of practicing sitting Tai Chi on balance control and eye-hand coordination in the older adults: a randomized controlled trial. <i>Disability and Rehabilitation</i> , 2015, 37, 790-794.	1.8	27
28	Tai Chi, arterial compliance, and muscle strength in older adults. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 613-619.	1.8	25
29	Effects of Aging and Tai Chi on Finger-Pointing Toward Stationary and Moving Visual Targets. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 149-155.	0.9	24
30	Effects of Tai Chi training on postural control and cognitive performance while dual tasking â€“ a randomized clinical trial. <i>Journal of Complementary and Integrative Medicine</i> , 2016, 13, 181-187.	0.9	23
31	Falls prevention through physical and cognitive training (falls PACT) in older adults with mild cognitive impairment: a randomized controlled trial protocol. <i>BMC Geriatrics</i> , 2018, 18, 193.	2.7	23
32	Effects of combined physical and cognitive training on fall prevention and risk reduction in older persons with mild cognitive impairment: a randomized controlled study. <i>Clinical Rehabilitation</i> , 2020, 34, 773-782.	2.2	23
33	Tai Chi training is effective in reducing balance impairments and falls in patients with Parkinson's disease. <i>Journal of Physiotherapy</i> , 2013, 59, 55.	1.7	22
34	Tai Chi practitioners have better postural control and selective attention in stepping down with and without a concurrent auditory response task. <i>European Journal of Applied Physiology</i> , 2013, 113, 1939-1945.	2.5	20
35	Assessing the Walking Speed of Older Adults. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 776-780.	1.4	20
36	Activity participation intensity is associated with skeletal development in pre-pubertal children with developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2012, 33, 1898-1904.	2.2	19

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37	Reliability of dynamic sitting balance tests and their correlations with functional mobility for wheelchair users with chronic spinal cord injury. <i>Journal of Orthopaedic Translation</i> , 2015, 3, 44-49.	3.9	18
38	The effect of Tai Chi training on the dual-tasking performance of stroke survivors: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2018, 32, 1076-1085.	2.2	18
39	The effects of Gua sha on symptoms and inflammatory biomarkers associated with chronic low back pain: A randomized active-controlled crossover pilot study in elderly. <i>Complementary Therapies in Medicine</i> , 2017, 32, 25-32.	2.7	17
40	Differential Postural Control and Sensory Organization in Young Tennis Players and Taekwondo Practitioners. <i>Motor Control</i> , 2014, 18, 103-111.	0.6	16
41	Effect of Tai Chi Training on Dual-Tasking Performance That Involves Stepping Down among Stroke Survivors: A Pilot Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	16
42	Relationship between the duration of taekwondo training and lower limb muscle strength in adolescents. <i>Hong Kong Physiotherapy Journal</i> , 2012, 30, 25-28.	1.0	15
43	Mahjong playing and eye-hand coordination in older adults—a cross-sectional study. <i>Journal of Physical Therapy Science</i> , 2016, 28, 2955-2960.	0.6	15
44	Comparison of the kinetic characteristics of standing and sitting Tai Chi forms. <i>Disability and Rehabilitation</i> , 2008, 30, 1891-1900.	1.8	14
45	The effects of aging on postural control and selective attention when stepping down while performing a concurrent auditory response task. <i>European Journal of Applied Physiology</i> , 2013, 113, 3021-3026.	2.5	14
46	The performance of stroke survivors in turning-while-walking while carrying out a concurrent cognitive task compared with controls. <i>PLoS ONE</i> , 2017, 12, e0189800.	2.5	14
47	Sensorimotor Control of Balance: A Tai Chi Solution for Balance Disorders in Older Subjects. , 2008, 52, 104-114.		13
48	Effects of Tai Chi on pre-landing muscle response latency during stepping down while performing a concurrent mental task in older adults. <i>European Journal of Applied Physiology</i> , 2012, 112, 2663-2669.	2.5	13
49	The effect of Tai Chi aquatic therapy on individuals with knee osteoarthritis: a pilot study. <i>Journal of Physical Therapy Science</i> , 2017, 29, 884-890.	0.6	13
50	Use of Accelerometry to Quantify the Physical Activity Level of the Elderly. <i>Hong Kong Physiotherapy Journal</i> , 2008, 26, 18-23.	1.0	12
51	A Novel Balance Training Program for Children With Developmental Coordination Disorder. <i>Medicine (United States)</i> , 2016, 95, e3492.	1.0	12
52	Epigenetic Changes of TIMP-3, GSTP-1 and 14-3-3 Sigma Genes as Indication of Status of Chronic Inflammation and Cancer. <i>International Journal of Biological Markers</i> , 2014, 29, 208-214.	1.8	11
53	Fall risk in Chinese community-dwelling older adults: A physiological profile assessment study. <i>Geriatrics and Gerontology International</i> , 2016, 16, 259-265.	1.5	11
54	The effect of performing a dual-task on postural control and selective attention of older adults when stepping backward. <i>Journal of Physical Therapy Science</i> , 2016, 28, 2806-2811.	0.6	11

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55	Neuromuscular training for children with developmental coordination disorder. <i>Medicine (United States)</i> , 2010, 89, 10, 1073-1080.	1.0	10
56	Changes of heart rate variability and prefrontal oxygenation during Tai Chi practice versus arm ergometer cycling. <i>Journal of Physical Therapy Science</i> , 2016, 28, 3243-3248.	0.6	9
57	<i>In vitro</i> and <i>in vivo</i> biocompatibility of multi-walled carbon nanotube/biodegradable polymer nanocomposite for bone defects repair. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 350-367.	2.1	8
58	Potential Benefits and Safety of Tai Chi for Balance and Functional Independence in People with Cerebellar Ataxia. <i>Journal of Alternative and Complementary Medicine</i> , 2018, 24, 1221-1223.	2.1	8
59	Tai Chi practice on prefrontal oxygenation levels in older adults: A pilot study. <i>Complementary Therapies in Medicine</i> , 2019, 42, 132-136.	2.7	8
60	Cross-cultural adaptation and psychometric properties of the Falls Efficacy Scale – International in Filipino community-dwelling older adults. <i>Disability and Rehabilitation</i> , 2020, 42, 1292-1298.	1.8	8
61	Sport-specific balance ability in Taekwondo practitioners. <i>Journal of Human Sport and Exercise</i> , 2012, 7, 520-526.	0.4	8
62	Kinematics and Energy Expenditure of Sitting Tai Chi. <i>Journal of Alternative and Complementary Medicine</i> , 2011, 17, 665-668.	2.1	7
63	Acute Effects of Tai Chi Training on Cognitive and Cardiovascular Responses in Late Middle-Aged Adults: A Pilot Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-7.	1.2	7
64	Foot posture index and body composition measures in children with and without developmental coordination disorder. <i>PLoS ONE</i> , 2022, 17, e0265280.	2.5	7
65	Does Postural Stability Affect the Performance of Eye-Hand Coordination in Stroke Survivors?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 781-788.	1.4	6
66	Effects of concurrent cognitive task on pre-landing muscle response latency during stepping down activity in older adults with and without a history of falls. <i>Disability and Rehabilitation</i> , 2008, 30, 1116-1122.	1.8	4
67	Trunk Position Sense in Older Tai Chi Sword Practitioners. <i>Hong Kong Physiotherapy Journal</i> , 2009, 27, 55-60.	1.0	4
68	Suppression of C6 Gliomas via Application of Rat Hyperplasia Gene. <i>International Journal of Biological Markers</i> , 2014, 29, 411-422.	1.8	3
69	Compromised cognition, but not stepping-down performance, when dual-tasking in stroke survivors. <i>Journal of Motor Behavior</i> , 2023, 55, 632-641.	0.9	1
70	Effects of Tai Chi Exercise on Physical Function and Parent-child Relationship in Adults and Children: A Pilot Study. <i>Journal of Child and Adolescent Behavior</i> , 2015, 03, .	0.2	0