

Atsuhiko Tsubaki

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

758
citations

516710

16
h-index

610901

24
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59
all docs

59
docs citations

59
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Rating of perceived exertion on resistance training in elderly subjects. <i>Expert Review of Cardiovascular Therapy</i> , 2019, 17, 135-142.	1.5	63
2	Undernutrition, Sarcopenia, and Frailty in Fragility Hip Fracture: Advanced Strategies for Improving Clinical Outcomes. <i>Nutrients</i> , 2020, 12, 3743.	4.1	60
3	Corticomotor excitability induced by anodal transcranial direct current stimulation with and without non-exhaustive movement. <i>Brain Research</i> , 2013, 1529, 83-91.	2.2	57
4	Physical function was related to mortality in patients with chronic kidney disease and dialysis. <i>Hemodialysis International</i> , 2017, 21, 483-489.	0.9	57
5	Relationship Between the Rating of Perceived Exertion Scale and the Load Intensity of Resistance Training. <i>Strength and Conditioning Journal</i> , 2018, 40, 94-109.	1.4	37
6	Related Factors and Clinical Outcomes of Osteosarcopenia: A Narrative Review. <i>Nutrients</i> , 2021, 13, 291.	4.1	34
7	The Benefit of Exercise in Patients Who Undergo Allogeneic Hematopoietic Stem Cell Transplantation. <i>The Journal of the International Society of Physical and Rehabilitation Medicine</i> , 2019, 2, 54-61.	0.3	30
8	Impact of Phase Angle on Physical Function in Patients with Acute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105941.	1.6	27
9	Low Muscle Mass is Associated with Walking Function in Patients with Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105259.	1.6	26
10	Inter-individual differences in working memory improvement after acute mild and moderate aerobic exercise. <i>PLoS ONE</i> , 2018, 13, e0210053.	2.5	24
11	Age-Related Changes in Physical Function in Community-Dwelling People Aged 50-79 Years. <i>Journal of Physical Therapy Science</i> , 2010, 22, 23-27.	0.6	22
12	The effect of anodal transcranial direct current stimulation over the primary motor or somatosensory cortices on somatosensory evoked magnetic fields. <i>Clinical Neurophysiology</i> , 2015, 126, 60-67.	1.5	22
13	Influence of Posture on Respiratory Function and Respiratory Muscle Strength in Normal Subjects. <i>Journal of Physical Therapy Science</i> , 2009, 21, 71-74.	0.6	21
14	Effect of Transcranial Direct Current Stimulation over the Primary Motor Cortex on Cerebral Blood Flow: A Time Course Study Using Near-infrared Spectroscopy. <i>Advances in Experimental Medicine and Biology</i> , 2016, 876, 335-341.	1.6	19
15	Effects of weekly and fortnightly therapeutic exercise on physical function and health-related quality of life in individuals with hip osteoarthritis. <i>Journal of Orthopaedic Science</i> , 2012, 17, 737-744.	1.1	17
16	Inter-individual Differences in Exercise-Induced Spatial Working Memory Improvement: A Near-Infrared Spectroscopy Study. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 81-88.	1.6	17
17	Differences in Balance Function Between Cancer Survivors and Healthy Subjects: A Pilot Study. <i>Integrative Cancer Therapies</i> , 2018, 17, 1144-1149.	2.0	17
18	Changes in Cerebral Oxyhaemoglobin Levels During and After a Single 20-Minute Bout of Moderate-Intensity Cycling. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 127-131.	1.6	16

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19	Comparison of the Effects of Continuous and Intermittent Exercise on Cerebral Oxygenation and Cognitive Function. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 209-214.	1.6	13
20	Changes in Oxyhemoglobin Concentration in the Prefrontal Cortex and Primary Motor Cortex During Low- and Moderate-Intensity Exercise on a Cycle Ergometer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 241-247.	1.6	12
21	Effect of muscle contraction strength on gating of somatosensory magnetic fields. <i>Experimental Brain Research</i> , 2016, 234, 3389-3398.	1.5	11
22	Changes in Cortical Oxyhaemoglobin Signal During Low-Intensity Cycle Ergometer Activity: A Near-Infrared Spectroscopy Study. <i>Advances in Experimental Medicine and Biology</i> , 2016, 876, 79-85.	1.6	10
23	Activation of the Human Premotor Cortex During Motor Preparation in Visuomotor Tasks. <i>Brain Topography</i> , 2013, 26, 581-590.	1.8	9
24	Correlation Between the Cerebral Oxyhaemoglobin Signal and Physiological Signals During Cycling Exercise: A Near-Infrared Spectroscopy Study. <i>Advances in Experimental Medicine and Biology</i> , 2016, 923, 159-166.	1.6	9
25	Maximum Power During Vertical Jump and Isometric Knee Extension Torque Alter Mobility Performance: A Cross-Sectional Study of Healthy Individuals. <i>PM and R</i> , 2016, 8, 19-27.	1.6	9
26	Face scale rating of perceived exertion during cardiopulmonary exercise test. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000474.	2.9	9
27	Effect of Valsalva Maneuver-Induced Hemodynamic Changes on Brain Near-Infrared Spectroscopy Measurements. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 97-103.	1.6	9
28	Comparison of muscle strength between hemodialysis patients and non-dialysis patients with chronic kidney disease. <i>Journal of Physical Therapy Science</i> , 2021, 33, 742-747.	0.6	9
29	Association between social frailty as well as early physical dysfunction and exercise intolerance among older patients receiving hemodialysis. <i>Geriatrics and Gerontology International</i> , 2021, 21, 664-669.	1.5	8
30	Cerebral Oxygenation Dynamics of the Prefrontal Cortex and Motor-Related Area During Cardiopulmonary Exercise Test: A Near-Infrared Spectroscopy Study. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 231-237.	1.6	8
31	Voluntary cough intensity and its influencing factors differ by sex in community-dwelling adults. <i>Therapeutic Advances in Respiratory Disease</i> , 2017, 11, 427-433.	2.6	7
32	Changes in the Prefrontal Cortex Oxygenation Levels During Cycling in the Supine and Upright Positions. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 133-137.	1.6	7
33	Acute moderate-intensity exercise improves 24-h sleep deprivation-induced cognitive decline and cerebral oxygenation: A near-infrared spectroscopy study. <i>Respiratory Physiology and Neurobiology</i> , 2020, 274, 103354.	1.6	7
34	Assessment of the Mini-Balance Evaluation Systems Test, Timed Up and Go test, and body sway test between cancer survivors and healthy participants. <i>Clinical Biomechanics</i> , 2019, 69, 28-33.	1.2	6
35	Cortical Oxyhemoglobin Elevation Persists After Moderate-Intensity Cycling Exercise: A Near-Infrared Spectroscopy Study. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 261-268.	1.6	5
36	The Association between time spent in performing physical activity and physical function in outpatients with type 2 diabetes who may have diabetic neuropathy. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 2111-2116.	3.6	5

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37	Relationship between balance function and QOL in cancer survivors and healthy subjects. <i>Medicine (United States)</i> , 2021, 100, e27822.	1.0	5
38	Effect of Range and Angular Velocity of Passive Movement on Somatosensory Evoked Magnetic Fields. <i>Brain Topography</i> , 2016, 29, 693-703.	1.8	4
39	Fear of falling and physical activity in hemodialysis patients: a pilot study. <i>Renal Replacement Therapy</i> , 2021, 7, .	0.7	4
40	Effect of Exercise Duration on Post-Exercise Persistence of Oxyhemoglobin Changes in the Premotor Cortex: A Near-Infrared Spectroscopy Study in Moderate-Intensity Cycling Exercise. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 193-199.	1.6	3
41	Face Pain Scale and Borg Scale compared to physiological parameters during cardiopulmonary exercise testing. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1464-1468.	0.7	3
42	Regional Changes in Cerebral Oxygenation During Repeated Passive Movement Measured by Functional Near-infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 641.	2.0	2
43	Does physical activity improve survival and mortality among patients with different types of cancer?. <i>Future Oncology</i> , 2017, 13, 1053-1055.	2.4	2
44	Event-Related NIRS and EEG Analysis for Mental Stress Monitoring. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 9-13.	1.6	2
45	Relationship Between the Borg Scale Rating of Perceived Exertion and Leg-Muscle Deoxygenation During Incremental Exercise in Healthy Adults. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 95-99.	1.6	2
46	Relationship Between Decrease of Oxygenation During Incremental Exercise and Partial Pressure End-Tidal Carbon Dioxide: Near-Infrared Spectroscopy Vector Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 119-124.	1.6	2
47	Relationship between the Difference in Oxygenated Hemoglobin Concentration Changes in the Left and Right Prefrontal Cortex and Cognitive Function during Moderate-Intensity Aerobic Exercise. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1643.	2.5	2
48	Relationship between the face scale for rating of perceived exertion and physiological parameters in older adults and patients with atrial fibrillation. <i>Physiological Reports</i> , 2021, 9, e14759.	1.7	2
49	Sex Differences in the Oxygenation of the Left and Right Prefrontal Cortex during Moderate-Intensity Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5212.	2.6	2
50	Changes in the Laterality of Oxygenation in the Prefrontal Cortex and Premotor Area During a 20-Min Moderate-Intensity Cycling Exercise. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 113-117.	1.6	1
51	Effects of increased respiratory rate on cortical oxygenated hemoglobin during low-intensity exercise. <i>Respiratory Physiology and Neurobiology</i> , 2021, 291, 103691.	1.6	1
52	Effect of blood volume change related to intensity of intradialytic aerobic exercise on hemodialysis adequacy: a pilot study. <i>International Urology and Nephrology</i> , 2021, , 1.	1.4	1
53	Effects of Sustained Exercise and Intermittent Exercise on Oxygen Change in the Vastus Lateralis Muscle. <i>Rigakuryoho Kagaku</i> , 2019, 34, 131-133.	0.1	1
54	Effect of 2 weeks or 6 weeks Unloading on Partially Denervated Muscle. <i>Rigakuryoho Kagaku</i> , 2008, 23, 777-784.	0.1	0

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55	Effect of Locomotor Respiratory Coupling Induced by Cortical Oxygenated Hemoglobin Levels During Cycle Ergometer Exercise of Light Intensity. <i>Advances in Experimental Medicine and Biology</i> , 2016, 923, 167-172.	1.6	0
56	Preoperative physical performance-related postoperative delirium in patients after cardiovascular surgery. <i>Archives of Gerontology and Geriatrics</i> , 2020, 91, 104172.	3.0	0
57	Influence of Moderate Intermittent Exercise on Autonomic Nervous Activity and Circulatory Dynamics during Exercise. <i>Rigakuryoho Kagaku</i> , 2019, 34, 245-248.	0.1	0
58	Temperature and Blood Flow Changes in the Big Toe Skin of the Stationary Leg during Single-leg Pedaling Exercises. <i>Rigakuryoho Kagaku</i> , 2020, 35, 693-698.	0.1	0