

# Paolo Tonin

## List of Publications by Year in descending order

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125  
papers

3,930  
citations

126708

33  
h-index

138251

58  
g-index

130  
all docs

130  
docs citations

130  
times ranked

4018  
citing authors

#	ARTICLE	IF	CITATIONS
1	P300-based brain computer interface: Reliability and performance in healthy and paralysed participants. <i>Clinical Neurophysiology</i> , 2006, 117, 531-537.	0.7	286
2	Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy. <i>Stroke</i> , 1996, 27, 1211-1214.	1.0	284
3	Virtual reality for the rehabilitation of the upper limb motor function after stroke: a prospective controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 85.	2.4	221
4	Exercises for paretic upper limb after stroke: A combined virtual-reality and telemedicine approach. <i>Journal of Rehabilitation Medicine</i> , 2009, 41, 1016-102.	0.8	218
5	Telerehabilitation and recovery of motor function: a systematic review and meta-analysis. <i>Journal of Telemedicine and Telecare</i> , 2015, 21, 202-213.	1.4	196
6	The effects of long-term rehabilitation therapy on poststroke hemiplegic patients.. <i>Stroke</i> , 1993, 24, 1186-1191.	1.0	178
7	Virtual Reality for Upper Limb Rehabilitation in Subacute and Chronic Stroke: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 834-842.e4.	0.5	115
8	Satisfaction with care in post-stroke patients undergoing a telerehabilitation programme at home. <i>Journal of Telemedicine and Telecare</i> , 2008, 14, 257-260.	1.4	108
9	Motor Learning Principles for Rehabilitation: A Pilot Randomized Controlled Study in Poststroke Patients. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 501-508.	1.4	92
10	Reinforced Feedback in Virtual Environment for Rehabilitation of Upper Extremity Dysfunction after Stroke: Preliminary Data from a Randomized Controlled Trial. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	82
11	On the prognosis of outcome after stroke. <i>Acta Neurologica Scandinavica</i> , 2009, 100, 202-208.	1.0	78
12	Virtual Environment Training Therapy for Arm Motor Rehabilitation. <i>Presence: Teleoperators and Virtual Environments</i> , 2005, 14, 732-740.	0.3	75
13	Motor tele-rehabilitation in post-stroke patients. <i>Informatics for Health and Social Care</i> , 2004, 29, 119-125.	1.0	74
14	Behavioral and Neurophysiological Effects of Repetitive Transcranial Magnetic Stimulation on the Minimally Conscious State. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 98-102.	1.4	70
15	Effect of High-Frequency Repetitive Transcranial Magnetic Stimulation on Brain Excitability in Severely Brain-Injured Patients in Minimally Conscious or Vegetative State. <i>Brain Stimulation</i> , 2013, 6, 913-921.	0.7	67
16	Post-acute P300 predicts recovery of consciousness from traumatic vegetative state. <i>Brain Injury</i> , 2009, 23, 973-980.	0.6	64
17	New Trends in Migraine Pharmacology: Targeting Calcitonin Gene-Related Peptide (CGRP) With Monoclonal Antibodies. <i>Frontiers in Pharmacology</i> , 2019, 10, 363.	1.6	59
18	Tele-Neuro-Rehabilitation in Italy: State of the Art and Future Perspectives. <i>Frontiers in Neurology</i> , 2020, 11, 563375.	1.1	55

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19	Effects of GM1 ganglioside in Cerebrovascular Diseases: A Double-Blind Trial in 40 Cases. <i>European Neurology</i> , 1985, 24, 343-351.	0.6	52
20	Feasibility and efficacy of cognitive telerehabilitation in early Alzheimer's disease: a pilot study. <i>Clinical Interventions in Aging</i> , 2014, 9, 1605.	1.3	52
21	Botulinum toxin treatment of apraxia of eyelid opening in progressive supranuclear palsy: Report of two cases. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 525-529.	0.5	48
22	Clinical Correlation Between Motor Evoked Potentials and Gait Recovery in Poststroke Patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 1874-1878.	0.5	48
23	The effectiveness of reinforced feedback in virtual environment in the first 12 months after stroke. <i>Neurologia I Neurochirurgia Polska</i> , 2011, 45, 436-444.	0.6	48
24	Brain self-regulation in criminal psychopaths. <i>Scientific Reports</i> , 2015, 5, 9426.	1.6	46
25	Diabetes as a Risk Factor for Cognitive Decline in Older Patients. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 27, 24-33.	0.7	43
26	Telerehabilitation in Poststroke Anomia. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	42
27	Neuropharmacology of the Neuropsychiatric Symptoms of Dementia and Role of Pain: Essential Oil of Bergamot as a Novel Therapeutic Approach. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3327.	1.8	41
28	Outcome prediction in disorders of consciousness: the role of coma recovery scale revised. <i>BMC Neurology</i> , 2019, 19, 68.	0.8	41
29	300-based brain-computer interface communication: evaluation and follow-up in amyotrophic lateral sclerosis. <i>Frontiers in Neuroscience</i> , 2009, 3, 60.	1.4	37
30	Opioids in Post-stroke Pain: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 587050.	1.6	37
31	Diabetes and osteoporosis. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 280-289.	1.4	36
32	Effects of conventional and sensory-enhanced physiotherapy on disability of Parkinson's disease patients. <i>Advances in Neurology</i> , 1996, 69, 551-5.	0.8	35
33	Haptic-Based Neurorehabilitation in Poststroke Patients: A Feasibility Prospective Multicentre Trial for Robotics Hand Rehabilitation. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-12.	0.7	34
34	Pattern of treatment of behavioural and psychological symptoms of dementia and pain: evidence on pharmacoutilization from a large real-world sample and from a centre for cognitive disturbances and dementia. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 241-249.	0.8	33
35	Graded motor imagery for patients with stroke: a non-randomized controlled trial of a new approach. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 14-23.	1.1	32
36	Pain Assessment and Treatment in Dementia at the Time of Coronavirus Disease COVID-19. <i>Frontiers in Neurology</i> , 2020, 11, 890.	1.1	29

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37	The Role of Autophagy in Glaucomatous Optic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 121.	1.8	29
38	Osteoporosis and body composition. <i>Journal of Endocrinological Investigation</i> , 2007, 30, 42-7.	1.8	29
39	Role of 5-HT1A Receptor in the Anxiolytic-Relaxant Effects of Bergamot Essential Oil in Rodent. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2597.	1.8	28
40	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocoumarins, in the Control of Agitation in Severe Dementia. <i>Pharmaceutics</i> , 2021, 13, 379.	2.0	27
41	Synergistic Association of Valproate and Resveratrol Reduces Brain Injury in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2018, 19, 172.	1.8	26
42	Anxiolytic-Like Effects of Bergamot Essential Oil Are Insensitive to Flumazenil in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-6.	0.5	26
43	Eptinezumab for the treatment of migraine. <i>Drugs of Today</i> , 2019, 55, 695.	0.7	26
44	Efficacy of Essential Oils in Pain: A Systematic Review and Meta-Analysis of Preclinical Evidence. <i>Frontiers in Pharmacology</i> , 2021, 12, 640128.	1.6	24
45	Right hemisphere patients'™judgements on emotions. <i>Acta Neurologica Scandinavica</i> , 1986, 74, 43-50.	1.0	23
46	PEA and luteolin synergistically reduce mast cell-mediated toxicity and elicit neuroprotection in cell-based models of brain ischemia. <i>Brain Research</i> , 2016, 1648, 409-417.	1.1	23
47	Telerehabilitation in individuals with severe acquired brain injury. <i>Medicine (United States)</i> , 2018, 97, e13292.	0.4	23
48	The augmented-feedback rehabilitation technique facilitates the arm motor recovery in patients after a recent stroke. <i>Studies in Health Technology and Informatics</i> , 2003, 94, 265-7.	0.2	23
49	Effects of Aging on Formalin-Induced Pain Behavior and Analgesic Activity of Gabapentin in C57BL/6 Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 663.	1.6	22
50	Bergamot rehabilitation <sc>AgalNst</sc> agitation in dementia (<sc>BRAINAID</sc>): Study protocol for a randomized, double-blind, placebo-controlled trial to assess the efficacy of furocoumarin-free bergamot loaded in a nanotechnology-based delivery system of the essential oil in the treatment of agitation in elderly affected by severe dementia. <i>Phytotherapy Research</i> , 2021, 35, 5333-5338.	2.8	22
51	Reinforced Feedback in Virtual Environment Facilitates the Arm Motor Recovery in Patients after a Recent Stroke. , 2007, , .		21
52	Role of CGRP pathway polymorphisms in migraine: a systematic review and impact on CGRP mAbs migraine therapy. <i>Journal of Headache and Pain</i> , 2021, 22, 87.	2.5	21
53	Pattern of triptans use: a retrospective prescription study in Calabria, Italy. <i>Neural Regeneration Research</i> , 2020, 15, 1340.	1.6	21
54	Prescribing practice and off-label use of psychotropic medications in post-acute brain injury rehabilitation centres: A cross-sectional survey. <i>Brain Injury</i> , 2015, 29, 508-516.	0.6	20

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55	Assessment of Event-Related EEG Power After Single-Pulse TMS in Unresponsive Wakefulness Syndrome and Minimally Conscious State Patients. <i>Brain Topography</i> , 2016, 29, 322-333.	0.8	20
56	Exoskeleton-Robot Assisted Therapy in Stroke Patients: A Lesion Mapping Study. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 44.	1.3	19
57	Diagnostic Developments in Differentiating Unresponsive Wakefulness Syndrome and the Minimally Conscious State. <i>Frontiers in Neurology</i> , 2021, 12, 778951.	1.1	19
58	Lateralization of Motor Cortex Excitability in Stroke Patients during Action Observation: A TMS Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	17
59	The application of virtual reality in neuro-rehabilitation: motor re-learning supported by innovative technologies. <i>Rehabilitacja Medyczna</i> , 2014, 17, 29-36.	0.2	16
60	A new theoretical approach to the functional meaning of sleep and dreaming in humans based on the maintenance of "predictive psychic homeostasis"™. <i>Communicative and Integrative Biology</i> , 2011, 4, 640-654.	0.6	15
61	Azithromycin Affords Neuroprotection in Rat Undergone Transient Focal Cerebral Ischemia. <i>Frontiers in Neuroscience</i> , 2019, 13, 1256.	1.4	15
62	Predicting Outcome of Acquired Brain Injury by the Evolution of Paroxysmal Sympathetic Hyperactivity Signs. <i>Journal of Neurotrauma</i> , 2021, 38, 1988-1994.	1.7	15
63	Impact of nutraceuticals on glaucoma: A systematic review. <i>Progress in Brain Research</i> , 2020, 257, 141-154.	0.9	15
64	Preclinical Characterization of Antinociceptive Effect of Bergamot Essential Oil and of Its Fractions for Rational Translation in Complementary Therapy. <i>Pharmaceutics</i> , 2022, 14, 312.	2.0	15
65	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. <i>Biomedicines</i> , 2022, 10, 686.	1.4	14
66	Post-stroke arm motor telerehabilitation web-based. , 2006, , .		13
67	Real world considerations for newly approved CGRP receptor antagonists in migraine care. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 221-230.	1.4	13
68	Mild Inflammatory Profile without Gliosis in the c-Rel Deficient Mouse Modeling a Late-Onset Parkinsonism. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 229.	1.7	12
69	The Impact of Medical Complications in Predicting the Rehabilitation Outcome of Patients With Disorders of Consciousness After Severe Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 570544.	1.0	12
70	A body-weight-supported visual feedback system for gait recovering in stroke patients: A randomized controlled study. <i>Gait and Posture</i> , 2020, 82, 287-293.	0.6	11
71	Telemonitoring of Patients With Chronic Traumatic Brain Injury: A Pilot Study. <i>Frontiers in Neurology</i> , 2021, 12, 598777.	1.1	10
72	The assessment of trunk recovery in stroke patients using 3D kinematic measures. <i>Medical Engineering and Physics</i> , 2020, 78, 98-105.	0.8	9

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73	Electrophysiological Correlates of Virtual-Reality Applications in the Rehabilitation Setting: New Perspectives for Stroke Patients. <i>Electronics (Switzerland)</i> , 2021, 10, 836.	1.8	9
74	Dementia and COVID-19: A Case Report and Literature Review on Pain Management. <i>Pharmaceuticals</i> , 2022, 15, 199.	1.7	9
75	Assessment and treatment of the upper limb by means of virtual reality in post-stroke patients. <i>Studies in Health Technology and Informatics</i> , 2009, 145, 55-62.	0.2	9
76	Functional limitations of upper limbs in older diabetic individuals. <i>The Italian Longitudinal Study on Aging. Aging Clinical and Experimental Research</i> , 2009, 21, 458-462.	1.4	8
77	New trends in pharmacological control of neuropsychiatric symptoms of dementia. <i>Current Opinion in Pharmacology</i> , 2021, 61, 69-76.	1.7	8
78	Translational Value of the Transdermal Administration of Bergamot Essential Oil and of Its Fractions. <i>Pharmaceuticals</i> , 2022, 14, 1006.	2.0	8
79	The Trace Conditional Learning of the Noxious Stimulus in UWS Patients and Its Prognostic Value in a GSR and HRV Entropy Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 97.	1.0	7
80	Personality Functioning in Patients with a Progressive Course of Multiple Sclerosis. <i>Psychological Reports</i> , 2010, 107, 629-646.	0.9	6
81	Evidence on the neuroprotective properties of brimonidine in glaucoma. <i>Progress in Brain Research</i> , 2020, 257, 155-166.	0.9	6
82	Diabetic retinopathy and age-related macular degeneration: a survey of pharmacoutilization and cost in Calabria, Italy. <i>Neural Regeneration Research</i> , 2019, 14, 1445.	1.6	6
83	Nociceptive Response Is a Possible Marker of Evolution in the Level of Consciousness in Unresponsive Wakefulness Syndrome Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 771505.	1.4	6
84	Moving toward Appropriate Motor Assessment Tools in People Affected by Severe Acquired Brain Injury: A Scoping Review with Clinical Advices. <i>Healthcare (Switzerland)</i> , 2022, 10, 1115.	1.0	6
85	Virtual Reality for Stroke Rehabilitation: assessment, training and the effect of virtual therapy. <i>Rehabilitacja Medyczna</i> , 2011, 14, 23-32.	0.2	5
86	Stroke Telerehabilitation in Calabria: A Health Technology Assessment. <i>Frontiers in Neurology</i> , 2021, 12, 777608.	1.1	5
87	Inhibitory Control and Brain-Heart Interaction: An HRV-EEG Study. <i>Brain Sciences</i> , 2022, 12, 740.	1.1	5
88	Reinforcement Feedback in Virtual Environment vs. Conventional Physical Therapy for arm motor deficit after Stroke. , 2007, , .		4
89	Preprocessing by a Bayesian Single-Trial Event-Related Potential Estimation Technique Allows Feasibility of an Assistive Single-Channel P300-Based Brain-Computer Interface. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-9.	0.7	4
90	Factors Influencing Burden in Spouse-Caregivers of Patients with Chronic-Acquired Brain Injury. <i>BioMed Research International</i> , 2020, 2020, 1-6.	0.9	4

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91	Effects of caloric restriction on retinal aging and neurodegeneration. <i>Progress in Brain Research</i> , 2020, 256, 189-207.	0.9	4
92	Gender Influences Virtual Reality-Based Recovery of Cognitive Functions in Patients with Traumatic Brain Injury: A Secondary Analysis of a Randomized Clinical Trial. <i>Brain Sciences</i> , 2022, 12, 491.	1.1	4
93	Carotid Doppler examination: a correlation with angiography. <i>Italian Journal of Neurological Sciences</i> , 1981, 2, 73-76.	0.1	3
94	Letter to the Editor. <i>Multiple Sclerosis Journal</i> , 2002, 8, 179-179.	1.4	3
95	Integration of a P300 Brain Computer Interface into Virtual Environment. , 2007, , .		3
96	What impact can hospitalization environment produce on the ANS functioning in patients with Unresponsive Wakefulness Syndrome? â€” 24-hour monitoring. <i>Brain Injury</i> , 2019, 33, 1347-1353.	0.6	3
97	The cooking therapy for cognitive rehabilitation of cerebellar damage: A case report and a review of the literature. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 357-361.	0.8	3
98	Marital Stability and Quality of Couple Relationships after Acquired Brain Injury: A Two-Year Follow-Up Clinical Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 283.	1.0	3
99	European core curriculum in neurorehabilitation. <i>Functional Neurology</i> , 2017, 32, 63.	1.3	3
100	Platelet-specific proteins in patients with transient ischemic attacks. <i>Research in Clinic and Laboratory</i> , 1983, 13, 437-442.	0.3	3
101	Pharmacological Treatment of Pain and Agitation in Severe Dementia and Responsiveness to Change of the Italian Mobilizationâ€”Observationâ€”Behaviorâ€”Intensityâ€”Dementia (I-MOBID2) Pain Scale: Study Protocol. <i>Brain Sciences</i> , 2022, 12, 573.	1.1	3
102	Identification of Determinants of Biofeedback Treatmentâ€™s Efficacy in Treating Migraine and Oxidative Stress by ARIANNA (ARTificial Intelligent Assistant for Neural Network Analysis). <i>Healthcare (Switzerland)</i> , 2022, 10, 941.	1.0	3
103	Pharmacotechnological Advances for Clinical Translation of Essential Oils for the Treatment of Pain and Agitation in Severe Dementia. <i>Processes</i> , 2022, 10, 1340.	1.3	3
104	How can we restore cognitive deficits in patients with cerebellar damages?. <i>Journal of the Neurological Sciences</i> , 2018, 387, 92-93.	0.3	2
105	Data on a new neurorehabilitation approach targeting functional recovery in stroke patients. <i>Data in Brief</i> , 2019, 27, 104685.	0.5	2
106	A Case of Psychogenic Myoclonus Responding to a Novel Transcranial Magnetic Stimulation Approach: Rationale, Feasibility, and Possible Neurophysiological Basis. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 292.	1.0	2
107	Effect of Gabapentin in a Neuropathic Pain Model in Mice Overexpressing Human Wild-Type or Human Mutated Torsin A. <i>Life</i> , 2021, 11, 41.	1.1	2
108	Adipokines as Potential Biomarkers in the Neurorehabilitation of Obese Stroke Patients. <i>Current Neurovascular Research</i> , 2020, 17, 437-445.	0.4	2

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109	Aromatherapy in Stroke Patients: Is it Time to Begin?. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 749353.	1.0	2
110	External Validation and Calibration of the DecaPreT Prediction Model for Decannulation in Patients with Acquired Brain Injury. <i>Brain Sciences</i> , 2021, 11, 799.	1.1	1
111	Exploitation of Thermal Sensitivity and Hyperalgesia in a Mouse Model of Dystonia. <i>Life</i> , 2021, 11, 985.	1.1	1
112	Assessment of virtual teacher feedback for the recovery of the upper limb after a stroke. Study protocol for a randomized controlled trial.. <i>Rehabilitacj Medyczna</i> , 2016, 20, 13-20.	0.2	1
113	Patients with disorders of consciousness in India: Preliminary results from a pilot survey. <i>Annals of Indian Academy of Neurology</i> , 2019, 22, 485.	0.2	1
114	The Route of Motor Recovery in Stroke Patients Driven by Exoskeleton-Robot-Assisted Therapy: A Path-Analysis. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 64.	1.3	1
115	Editorial: Tele-NeuroRehabilitation. <i>Frontiers in Neurology</i> , 2021, 12, 761690.	1.1	1
116	ROBOCOP (ROBOTic Care of Poststroke Pain): Study Protocol for a Randomized Trial to Assess Robot-Assisted Functional and Motor Recovery and Impact on Poststroke Pain Development. <i>Frontiers in Neurology</i> , 2022, 13, 813282.	1.1	1
117	Anti-SARS-CoV-2 S-RBD IgG Antibody Responses after COVID-19 mRNA Vaccine in the Chronic Disorder of Consciousness: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5830.	1.0	1
118	Heterologous COVID-19 Booster Vaccination in the Chronic Disorder of Consciousness: A Pilot Study. <i>Clinics and Practice</i> , 2022, 12, 318-325.	0.6	1
119	MO38 Clinical and neurophysiological prognosis of recovery of consciousness from post-traumatic vegetative state. <i>Clinical Neurophysiology</i> , 2008, 119, S40.	0.7	0
120	10 years experience in the application of the Reinforced Feedback in Virtual Environment (RFVE) for neurorehabilitation: Preliminary results from a retrospective analysis in stroke patients. , 2011, , .		0
121	The Reliability of the Progression of Autonomies Scale Applied on Acquired Brain Injured Patients. <i>Frontiers in Neurology</i> , 2019, 10, 342.	1.1	0
122	Editorial: "Novel Pain Therapeutics: From Basic Research to Clinical Translation and Rehabilitation" <i>Frontiers in Pharmacology</i> , 2021, 12, 681422.	1.6	0
123	Hemodynamic activity characterization of resting-state networks (RSNS) by fractal analysis in episodic migraine. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117692.	0.3	0
124	Iliacus Muscle Hematoma an Uncommon Complication in a Rehabilitation Unit: A Case Report Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 297.	1.0	0
125	Rehabilitation outcomes in Huntington disease patients with low body mass index.. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2022, 22, 79-86.	0.1	0