Paolo Tonin

List of Publications by Year
in descending order

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	Preclinical Characterization of Antinociceptive Effect of Bergamot Essential Oil and of Its Fractions for Rational Translation in Complementary Therapy. Pharmaceutics, 2022, 14, 312.	2.0	15
2	Iliacus Muscle Hematoma an Uncommon Complication in a Rehabilitation Unit: A Case Report Study. Healthcare (Switzerland), 2022, 10, 297.	1.0	0
3	Dementia and COVID-19: A Case Report and Literature Review on Pain Management. Pharmaceuticals, 2022, 15, 199.	1.7	9
4	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. Frontiers in Neurology, 2022, 13, 813282.	1.1	1
5	Predicting Outcome of Traumatic Brain Injury: Is Machine Learning the Best Way?. Biomedicines, 2022, 10, 686.	1.4	14
6	Real world considerations for newly approved CGRP receptor antagonists in migraine care. Expert Review of Neurotherapeutics, 2022, 22, 221-230.	1.4	13
7	Gender Influences Virtual Reality-Based Recovery of Cognitive Functions in Patients with Traumatic Brain Injury: A Secondary Analysis of a Randomized Clinical Trial. Brain Sciences, 2022, 12, 491.	1.1	4
8	Rehabilitation outcomes in Huntington disease patients with low body mass index.. Journal of Musculoskeletal Neuronal Interactions, 2022, 22, 79-86.	0.1	0
9	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. Brain Sciences, 2022, 12, 573.	1.1	3
10	Heterologous COVID-19 Booster Vaccination in the Chronic Disorder of Consciousness: A Pilot Study. Clinics and Practice, 2022, 12, 318-325.	0.6	1
11	Translational Value of the Transdermal Administration of Bergamot Essential Oil and of Its Fractions. Pharmaceutics, 2022, 14, 1006.	2.0	8
12	Identification of Determinants of Biofeedback Treatmentâ€™s Efficacy in Treating Migraine and Oxidative Stress by ARIANNA (ARtificial Intelligent Assistant for Neural Network Analysis). Healthcare (Switzerland), 2022, 10, 941.	1.0	3
13	Inhibitory Control and Brainâ€“Heart Interaction: An HRV-EEG Study. Brain Sciences, 2022, 12, 740.	1.1	5
14	Moving toward Appropriate Motor Assessment Tools in People Affected by Severe Acquired Brain Injury: A Scoping Review with Clinical Advices. Healthcare (Switzerland), 2022, 10, 1115.	1.0	6
15	Pharmacotechnological Advances for Clinical Translation of Essential Oils for the Treatment of Pain and Agitation in Severe Dementia. Processes, 2022, 10, 1340.	1.3	3
16	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. European Journal of Clinical Pharmacology, 2021, 77, 241-249.	0.8	33
17	Effect of Gabapentin in a Neuropathic Pain Model in Mice Overexpressing Human Wild-Type or Human Mutated Torsin A. Life, 2021, 11, 41.	1.1	2
18	Marital Stability and Quality of Couple Relationships after Acquired Brain Injury: A Two-Year Follow-Up Clinical Study. Healthcare (Switzerland), 2021, 9, 283.	1.0	3

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19	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocumarins, in the Control of Agitation in Severe Dementia. Pharmaceutics, 2021, 13, 379.	2.0	27
20	Efficacy of Essential Oils in Pain: A Systematic Review and Meta-Analysis of Preclinical Evidence. Frontiers in Pharmacology, 2021, 12, 640128.	1.6	24
21	Telemonitoring of Patients With Chronic Traumatic Brain Injury: A Pilot Study. Frontiers in Neurology, 2021, 12, 598777.	1.1	10
22	Editorial: â€œNovel Pain Therapeutics: From Basic Research to Clinical Translation and Rehabilitationâ€. Frontiers in Pharmacology, 2021, 12, 681422.	1.6	0
23	Electrophysiological Correlates of Virtual-Reality Applications in the Rehabilitation Setting: New Perspectives for Stroke Patients. Electronics (Switzerland), 2021, 10, 836.	1.8	9
24	External Validation and Calibration of the DecaPreT Prediction Model for Decannulation in Patients with Acquired Brain Injury. Brain Sciences, 2021, 11, 799.	1.1	1
25	Role of CGRP pathway polymorphisms in migraine: a systematic review and impact on CGRP mAbs migraine therapy. Journal of Headache and Pain, 2021, 22, 87.	2.5	21
26	Predicting Outcome of Acquired Brain Injury by the Evolution of Paroxysmal Sympathetic Hyperactivity Signs. Journal of Neurotrauma, 2021, 38, 1988-1994.	1.7	15
27	Bergamot rehabilitation <scp>AgaINst</scp> agitation in dementia (<scp>BRAINAID</scp>): Study protocol for a randomized, doubleâ€blind, placeboâ€controlled trial to assess the efficacy of furocoumarinâ€free bergamot loaded in a nanotechnologyâ€based delivery system of the essential oil in the treatment of agitation in elderly affected by severe dementia. Phytotherapy Research, 2021, 35, 5333-5338.	2.8	22
28	Exploitation of Thermal Sensitivity and Hyperalgesia in a Mouse Model of Dystonia. Life, 2021, 11, 985.	1.1	1
29	Hemodynamic activity characterization of resting-state networks (RSNS) by fractal analysis in episodic migraine. Journal of the Neurological Sciences, 2021, 429, 117692.	0.3	0
30	New trends in pharmacological control of neuropsychiatric symptoms of dementia. Current Opinion in Pharmacology, 2021, 61, 69-76.	1.7	8
31	The Route of Motor Recovery in Stroke Patients Driven by Exoskeleton-Robot-Assisted Therapy: A Path-Analysis. Medical Sciences (Basel, Switzerland), 2021, 9, 64.	1.3	1
32	Editorial: Tele-NeuroRehabilitation. Frontiers in Neurology, 2021, 12, 761690.	1.1	1
33	Diagnostic Developments in Differentiating Unresponsive Wakefulness Syndrome and the Minimally Conscious State. Frontiers in Neurology, 2021, 12, 778951.	1.1	19
34	Stroke Telerehabilitation in Calabria: A Health Technology Assessment. Frontiers in Neurology, 2021, 12, 777608.	1.1	5
35	Nociceptive Response Is a Possible Marker of Evolution in the Level of Consciousness in Unresponsive Wakefulness Syndrome Patients. Frontiers in Neuroscience, 2021, 15, 771505.	1.4	6
36	Aromatherapy in Stroke Patients: Is it Time to Begin?. Frontiers in Behavioral Neuroscience, 2021, 15, 749353.	1.0	2

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37	Anti-SARS-CoV-2 S-RBD IgG Antibody Responses after COVID-19 mRNA Vaccine in the Chronic Disorder of Consciousness: A Pilot Study. Journal of Clinical Medicine, 2021, 10, 5830.	1.0	1
38	A body-weight-supported visual feedback system for gait recovering in stroke patients: A randomized controlled study. Gait and Posture, 2020, 82, 287-293.	0.6	11
39	Tele-Neuro-Rehabilitation in Italy: State of the Art and Future Perspectives. Frontiers in Neurology, 2020, 11, 563375.	1.1	55
40	The Impact of Medical Complications in Predicting the Rehabilitation Outcome of Patients With Disorders of Consciousness After Severe Traumatic Brain Injury. Frontiers in Human Neuroscience, 2020, 14, 570544.	1.0	12
41	Opioids in Post-stroke Pain: A Systematic Review and Meta-Analysis. Frontiers in Pharmacology, 2020, 11, 587050.	1.6	37
42	Evidence on the neuroprotective properties of brimonidine in glaucoma. Progress in Brain Research, 2020, 257, 155-166.	0.9	6
43	A Case of Psychogenic Myoclonus Responding to a Novel Transcranial Magnetic Stimulation Approach: Rationale, Feasibility, and Possible Neurophysiological Basis. Frontiers in Human Neuroscience, 2020, 14, 292.	1.0	2
44	Factors Influencing Burden in Spouse-Caregivers of Patients with Chronic-Acquired Brain Injury. BioMed Research International, 2020, 2020, 1-6.	0.9	4
45	Pain Assessment and Treatment in Dementia at the Time of Coronavirus Disease COVID-19. Frontiers in Neurology, 2020, 11, 890.	1.1	29
46	Effects of Aging on Formalin-Induced Pain Behavior and Analgesic Activity of Gabapentin in C57BL/6 Mice. Frontiers in Pharmacology, 2020, 11, 663.	1.6	22
47	The Role of Autophagy in Glaucomatous Optic Neuropathy. Frontiers in Cell and Developmental Biology, 2020, 8, 121.	1.8	29
48	The assessment of trunk recovery in stroke patients using 3D kinematic measures. Medical Engineering and Physics, 2020, 78, 98-105.	0.8	9
49	The Trace Conditional Learning of the Noxious Stimulus in UWS Patients and Its Prognostic Value in a GSR and HRV Entropy Study. Frontiers in Human Neuroscience, 2020, 14, 97.	1.0	7
50	Role of 5-HT1A Receptor in the Anxiolytic-Relaxant Effects of Bergamot Essential Oil in Rodent. International Journal of Molecular Sciences, 2020, 21, 2597.	1.8	28
51	Effects of caloric restriction on retinal aging and neurodegeneration. Progress in Brain Research, 2020, 256, 189-207.	0.9	4
52	Impact of nutraceuticals on glaucoma: A systematic review. Progress in Brain Research, 2020, 257, 141-154.	0.9	15
53	Pattern of triptans use: a retrospective prescription study in Calabria, Italy. Neural Regeneration Research, 2020, 15, 1340.	1.6	21
54	Adipokines as Potential Biomarkers in the Neurorehabilitation of Obese Stroke Patients. Current Neurovascular Research, 2020, 17, 437-445.	0.4	2

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55	Anxiolytic-Like Effects of Bergamot Essential Oil Are Insensitive to Flumazenil in Rats. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-6.	0.5	26
56	What impact can hospitalization environment produce on the ANS functioning in patients with Unresponsive Wakefulness Syndrome? â€“ 24-hour monitoring. Brain Injury, 2019, 33, 1347-1353.	0.6	3
57	Neuropharmacology of the Neuropsychiatric Symptoms of Dementia and Role of Pain: Essential Oil of Bergamot as a Novel Therapeutic Approach. International Journal of Molecular Sciences, 2019, 20, 3327.	1.8	41
58	Data on a new neurorehabilitation approach targeting functional recovery in stroke patients. Data in Brief, 2019, 27, 104685.	0.5	2
59	Outcome prediction in disorders of consciousness: the role of coma recovery scale revised. BMC Neurology, 2019, 19, 68.	0.8	41
60	The Reliability of the Progression of Autonomies Scale Applied on Acquired Brain Injured Patients. Frontiers in Neurology, 2019, 10, 342.	1.1	0
61	New Trends in Migraine Pharmacology: Targeting Calcitonin Geneâ€“Related Peptide (CGRP) With Monoclonal Antibodies. Frontiers in Pharmacology, 2019, 10, 363.	1.6	59
62	Azithromycin Affords Neuroprotection in Rat Undergone Transient Focal Cerebral Ischemia. Frontiers in Neuroscience, 2019, 13, 1256.	1.4	15
63	The cooking therapy for cognitive rehabilitation of cerebellar damage: A case report and a review of the literature. Journal of Clinical Neuroscience, 2019, 59, 357-361.	0.8	3
64	Eptinezumab for the treatment of migraine. Drugs of Today, 2019, 55, 695.	0.7	26
65	Diabetic retinopathy and age-related macular degeneration: a survey of pharmacoutilization and cost in Calabria, Italy. Neural Regeneration Research, 2019, 14, 1445.	1.6	6
66	Patients with disorders of consciousness in India: Preliminary results from a pilot survey. Annals of Indian Academy of Neurology, 2019, 22, 485.	0.2	1
67	How can we restore cognitive deficits in patients with cerebellar damages?. Journal of the Neurological Sciences, 2018, 387, 92-93.	0.3	2
68	Virtual Reality for Upper Limb Rehabilitation in Subacute and Chronic Stroke: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2018, 99, 834-842.e4.	0.5	115
69	Telerehabilitation in individuals with severe acquired brain injury. Medicine (United States), 2018, 97, e13292.	0.4	23
70	Synergistic Association of Valproate and Resveratrol Reduces Brain Injury in Ischemic Stroke. International Journal of Molecular Sciences, 2018, 19, 172.	1.8	26
71	Exoskeleton-Robot Assisted Therapy in Stroke Patients: A Lesion Mapping Study. Frontiers in Neuroinformatics, 2018, 12, 44.	1.3	19
72	Mild Inflammatory Profile without Gliosis in the c-Rel Deficient Mouse Modeling a Late-Onset Parkinsonism. Frontiers in Aging Neuroscience, 2017, 9, 229.	1.7	12

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73	Graded motor imagery for patients with stroke: a non-randomized controlled trial of a new approach. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 14-23.	1.1	32
74	European core curriculum in neurorehabilitation. Functional Neurology, 2017, 32, 63.	1.3	3
75	PEA and luteolin synergistically reduce mast cell-mediated toxicity and elicit neuroprotection in cell-based models of brain ischemia. Brain Research, 2016, 1648, 409-417.	1.1	23
76	Assessment of Event-Related EEG Power After Single-Pulse TMS in Unresponsive Wakefulness Syndrome and Minimally Conscious State Patients. Brain Topography, 2016, 29, 322-333.	0.8	20
77	Assessment of virtual teacher feedback for the recovery of the upper limb after a stroke. Study protocol for a randomized controlled trial.. Rehabilitacja Medyczna, 2016, 20, 13-20.	0.2	1
78	Prescribing practice and off-label use of psychotropic medications in post-acute brain injury rehabilitation centres: A cross-sectional survey. Brain Injury, 2015, 29, 508-516.	0.6	20
79	Telerehabilitation and recovery of motor function: a systematic review and meta-analysis. Journal of Telemedicine and Telecare, 2015, 21, 202-213.	1.4	196
80	Brain self-regulation in criminal psychopaths. Scientific Reports, 2015, 5, 9426.	1.6	46
81	Feasibility and efficacy of cognitive telerehabilitation in early Alzheimer’s disease: a pilot study. Clinical Interventions in Aging, 2014, 9, 1605.	1.3	52
82	Reinforced Feedback in Virtual Environment for Rehabilitation of Upper Extremity Dysfunction after Stroke: Preliminary Data from a Randomized Controlled Trial. BioMed Research International, 2014, 2014, 1-8.	0.9	82
83	Lateralization of Motor Cortex Excitability in Stroke Patients during Action Observation: A TMS Study. BioMed Research International, 2014, 2014, 1-7.	0.9	17
84	Preprocessing by a Bayesian Single-Trial Event-Related Potential Estimation Technique Allows Feasibility of an Assistive Single-Channel P300-Based Brain-Computer Interface. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-9.	0.7	4
85	Telerehabilitation in Poststroke Anomia. BioMed Research International, 2014, 2014, 1-6.	0.9	42
86	The application of virtual reality in neuro-rehabilitation: motor re-learning supported by innovative technologies. Rehabilitacja Medyczna, 2014, 17, 29-36.	0.2	16
87	Effect of High-Frequency Repetitive Transcranial Magnetic Stimulation on Brain Excitability in Severely Brain-Injured Patients in Minimally Conscious orÂVegetative State. Brain Stimulation, 2013, 6, 913-921.	0.7	67
88	Virtual reality for the rehabilitation of the upper limb motor function after stroke: a prospective controlled trial. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 85.	2.4	221
89	Haptic-Based Neurorehabilitation in Poststroke Patients: A Feasibility Prospective Multicentre Trial for Robotics Hand Rehabilitation. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12.	0.7	34
90	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

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91	The effectiveness of reinforced feedback in virtual environment in the first 12 months after stroke. Neurologia I Neurochirurgia Polska, 2011, 45, 436-444.	0.6	48
92	Behavioral and Neurophysiological Effects of Repetitive Transcranial Magnetic Stimulation on the Minimally Conscious State. Neurorehabilitation and Neural Repair, 2011, 25, 98-102.	1.4	70
93	A new theoretical approach to the functional meaning of sleep and dreaming in humans based on the maintenance of â€˜predictive psychic homeostasisâ€™. Communicative and Integrative Biology, 2011, 4, 640-654.	0.6	15
94	Virtual Reality for Stroke Rehabilitation: assessment, training and the effect of virtual therapy. Rehabilitacja Medyczna, 2011, 14, 23-32.	0.2	5
95	Personality Functioning in Patients with a Progressive Course of Multiple Sclerosis. Psychological Reports, 2010, 107, 629-646.	0.9	6
96	Motor Learning Principles for Rehabilitation: A Pilot Randomized Controlled Study in Poststroke Patients. Neurorehabilitation and Neural Repair, 2010, 24, 501-508.	1.4	92
97	300-based brain-computer interface communication: evaluation and follow-up in amyotrophic lateral sclerosis. Frontiers in Neuroscience, 2009, 3, 60.	1.4	37
98	Post-acute P300 predicts recovery of consciousness from traumatic vegetative state. Brain Injury, 2009, 23, 973-980.	0.6	64
99	Diabetes as a Risk Factor for Cognitive Decline in Older Patients. Dementia and Geriatric Cognitive Disorders, 2009, 27, 24-33.	0.7	43
100	Exercises for paretic upper limb after stroke: A combined virtual-reality and telemedicine approach. Journal of Rehabilitation Medicine, 2009, 41, 1016-102.	0.8	218
101	On the prognosis of outcome after stroke. Acta Neurologica Scandinavica, 2009, 100, 202-208.	1.0	78
102	Functional limitations of upper limbs in older diabetic individuals. The Italian Longitudinal Study on Aging. Aging Clinical and Experimental Research, 2009, 21, 458-462.	1.4	8
103	Assessment and treatment of the upper limb by means of virtual reality in post-stroke patients. Studies in Health Technology and Informatics, 2009, 145, 55-62.	0.2	9
104	MO38 Clinical and neurophysiological prognosis of recovery of consciousness from post-traumatic vegetative state. Clinical Neurophysiology, 2008, 119, S40.	0.7	0
105	Diabetes and osteoporosis. Aging Clinical and Experimental Research, 2008, 20, 280-289.	1.4	36
106	Satisfaction with care in post-stroke patients undergoing a telerehabilitation programme at home. Journal of Telemedicine and Telecare, 2008, 14, 257-260.	1.4	108
107	Reinforced Feedback in Virtual Environment Facilitates the Arm Motor Recovery in Patients after a Recent Stroke. , 2007, , .		21
108	Reinforcement Feedback in Virtual Environment vs. Conventional Physical Therapy for arm motor deficit after Stroke. , 2007, , .		4

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109	Integration of a P300 Brain Computer Interface into Virtual Environment. , 2007, , .		3
110	Osteoporosis and body composition. Journal of Endocrinological Investigation, 2007, 30, 42-7.	1.8	29
111	Post-stroke arm motor telerehabilitation web-based. , 2006, , .		13
112	P300-based brain computer interface: Reliability and performance in healthy and paralysed participants. Clinical Neurophysiology, 2006, 117, 531-537.	0.7	286
113	Virtual Environment Training Therapy for Arm Motor Rehabilitation. Presence: Teleoperators and Virtual Environments, 2005, 14, 732-740.	0.3	75
114	Clinical Correlation Between Motor Evoked Potentials and Gait Recovery in Poststroke Patients. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1874-1878.	0.5	48
115	Motor tele-rehabilitation in post-stroke patients. Informatics for Health and Social Care, 2004, 29, 119-125.	1.0	74
116	The augmented-feedback rehabilitation technique facilitates the arm motor recovery in patients after a recent stroke. Studies in Health Technology and Informatics, 2003, 94, 265-7.	0.2	23
117	Letter to the Editor. Multiple Sclerosis Journal, 2002, 8, 179-179.	1.4	3
118	Botulinum toxin treatment of apraxia of eyelid opening in progressive supranuclear palsy: Report of two cases. Archives of Physical Medicine and Rehabilitation, 1997, 78, 525-529.	0.5	48
119	Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy. Stroke, 1996, 27, 1211-1214.	1.0	284
120	Effects of conventional and sensory-enhanced physiotherapy on disability of Parkinson's disease patients. Advances in Neurology, 1996, 69, 551-5.	0.8	35
121	The effects of long-term rehabilitation therapy on poststroke hemiplegic patients.. Stroke, 1993, 24, 1186-1191.	1.0	178
122	Right hemisphere patientsâ€™judgements on emotions. Acta Neurologica Scandinavica, 1986, 74, 43-50.	1.0	23
123	Effects of GM₁ Ganglioside in Cerebrovascular Diseases: A Double-Blind Trial in 40 Cases. European Neurology, 1985, 24, 343-351.	0.6	52
124	Platelet-specific proteins in patients with transient ischemic attacks. Research in Clinic and Laboratory, 1983, 13, 437-442.	0.3	3
125	Carotid Doppler examination: a correlation with angiography. Italian Journal of Neurological Sciences, 1981, 2, 73-76.	0.1	3