Valter Santilli

List of Publications by Year in descending order

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125 papers 3,810 citations

34 h-index 138484 58 g-index

127 all docs

127 docs citations

127 times ranked

5025 citing authors

#	Article	IF	Citations
1	The sequelae of mastectomy and quadrantectomy with respect to the reaching movement in breast cancer survivors: evidence for an integrated rehabilitation protocol during oncological care. Supportive Care in Cancer, 2021, 29, 899-908.	2.2	28
2	The recovery of reaching movement in breast cancer survivors: two different rehabilitative protocols in comparison. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 137-147.	2.2	25
3	Integration of focal vibration and intra-articular oxygen–ozone therapy in rehabilitation of painful knee osteoarthritis. Journal of International Medical Research, 2021, 49, 030006052098670.	1.0	16
4	New Viscoelastic Hydrogel Hymovis MO.RE. Single Intra-articular Injection for the Treatment of Knee Osteoarthritis in Sportsmen: Safety and Efficacy Study Results. Frontiers in Pharmacology, 2021, 12, 673988.	3.5	25
5	The reaching movement in breast cancer survivors: Attention to the principles of rehabilitation. Journal of Bodywork and Movement Therapies, 2020, 24, 102-108.	1.2	6
6	Postural Evaluation in Sports and Sedentary Subjects by Rasterstereographic Back Shape Analysis. Applied Sciences (Switzerland), 2020, 10, 8838.	2.5	11
7	Movement Analysis with Inertial Measurement Unit Sensor After Surgical Treatment for Distal Radius Fractures. BioResearch Open Access, 2020, 9, 151-161.	2.6	10
8	Sagittal spinal alignment in patients with ankylosing spondylitis by rasterstereographic back shape analysis: an observational retrospective study. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 191-196.	2.2	26
9	Changes in Spine Alignment and Postural Balance After Breast Cancer Surgery: A Rehabilitative Point of View. BioResearch Open Access, 2019, 8, 121-128.	2.6	38
10	The outcome measures for loss of functionality in the activities of daily living of adults after stroke: a systematic review. Topics in Stroke Rehabilitation, 2019, 26, 236-245.	1.9	40
11	Cross-cultural adaptation and validation of the "Spinal Cord Injury-Falls Concern Scale―in the Italian population. Spinal Cord, 2018, 56, 712-718.	1.9	34
12	Ultrasonographic appearance of ulnar nerve at different points of elbow. European Journal of Radiology, 2018, 102, 228-230.	2.6	2
13	An Aberrant Abductor Digiti Minimi Muscle Crossing Guyon's Canal with Intermittent Compression of Nerve: Crucial Diagnostic Role of Nerve and Muscle Ultrasound. Journal of Wrist Surgery, 2018, 07, 182-182.	0.7	0
14	Observation About "Open Surgical Release of Posttraumatic Elbow Contracture in Children and Adolescentsâ€, Journal of Pediatric Orthopaedics, 2018, 38, e28-e28.	1.2	0
15	Ultrasound picture in a case of fibular neuropathy at knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2544-2546.	4.2	1
16	The Wheelchair Use Confidence Scale: Italian translation, adaptation, and validation of the short form. Disability and Rehabilitation: Assistive Technology, 2018, 13, 575-580.	2.2	38
17	Un cas d'atteinte traumatique du nerf thoracique longÂ: données de l'échographie haute fréquenc Revue Du Rhumatisme (Edition Francaise), 2018, 85, 303-304.	0.0	0
18	Validated Fall Risk Assessment Tools for Use with Older Adults: A Systematic Review. Physical and Occupational Therapy in Geriatrics, 2018, 36, 331-353.	0.4	30

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19	Reliability of the Cervical Spine Device for the Assessment of Cervical Spine Range of Motion in Asymptomatic Participants. Journal of Manipulative and Physiological Therapeutics, 2018, 41, 342-349.	0.9	8
20	Ultrasound to depict anatomical abnormality: an example of potential alliance of rehabilitation professionals Medical Ultrasonography, 2018, 1, 117.	0.8	2
21	Comparison Between Extracorporeal Shock Wave Therapy and Intra-articular Hyaluronic Acid Injections in the Treatment of First Carpometacarpal Joint Osteoarthritis. Annals of Rehabilitation Medicine, 2018, 42, 92.	1.6	16
22	Comment on "Effect of Extracorporeal Shockwave Therapy Versus Intra-articular Injections of Hyaluronic Acid for the Treatment of Knee Osteoarthritis†Annals of Rehabilitation Medicine, 2018, 42, 372.	1.6	0
23	Comment on "Patient-reported outcomes after open carpal tunnel release using a standard protocol with 1 hand therapy visit― Journal of Hand Therapy, 2017, 30, e3-e4.	1.5	0
24	Comment on "peripheral nerve function in patients with excessive fragmentary myoclonus during sleep― Sleep Medicine, 2017, 33, 193.	1.6	0
25	Remarks about "A pediatric patient of hemorrhagic acute transverse myelitis― Brain and Development, 2017, 39, 455.	1.1	0
26	Consideration about "Polyneuropathy in levodopa-treated Parkinson's patients― Journal of the Neurological Sciences, 2017, 375, 1-2.	0.6	0
27	Carpal tunnel syndrome and its relationship with occupation and sex: from objective evaluation to patients' care. Occupational and Environmental Medicine, 2017, 74, 155.1-155.	2.8	1
28	The important use of ultrasound on a child with chronic pain. Journal of Clinical Anesthesia, 2017, 38, 105-106.	1.6	4
29	Achilles Tendon Open Surgical Treatment With Platelet-Rich Fibrin Matrix Augmentation: Biomechanical Evaluation. Journal of Foot and Ankle Surgery, 2017, 56, 581-585.	1.0	23
30	Immune-mediated neuropathies: Role of single-fiber conduction velocity. Clinical Neurophysiology, 2017, 128, 1411-1412.	1.5	2
31	Nerve ultrasound in carpal tunnel syndrome. Usefulness of an evaluation along a long tract. Journal of Clinical Neuroscience, 2017, 42, 217-218.	1.5	0
32	Considerations About "Carpal Tunnel Syndrome Grading Using High-Resolution Ultrasonography― Journal of Clinical Neurophysiology, 2017, 34, 553-553.	1.7	0
33	Letter: Cubital Tunnel Syndrome: Incidence and Demographics in a National Administrative Database. Neurosurgery, 2017, 81, E61-E62.	1.1	1
34	Treatment of Chronic Plantar Fasciitis with Noninvasive Interactive Neurostimulation: A Prospective Randomized Controlled Study. Journal of Foot and Ankle Surgery, 2017, 56, 768-772.	1.0	7
35	Ulnar Nerve Dislocation at the Elbow: The Role of Ultrasound. World Neurosurgery, 2017, 103, 934-935.	1.3	4
36	Morphological evaluation of median nerve: why ultrasound?. Rheumatology International, 2017, 37, 1593-1595.	3.0	1

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37	A case of traumatic long thoracic nerve suffering: High-frequency ultrasound finding. Joint Bone Spine, 2017, 84, 505-506.	1.6	7
38	Mobility recovery after arthroscopic rotator cuff repair. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 49-56.	2.2	3
39	The culturally adapted Italian version of the Barthel Index (IcaBI): assessment of structural validity, inter-rater reliability and responsiveness to clinically relevant improvements in patients admitted to inpatient rehabilitation centers. Functional Neurology, 2017, 32, 221.	1.3	42
40	Appropriateness and efficacy of Spa therapy for musculoskeletal disorders. A Delphi method consensus initiative among experts in Italy. Annali Dell'Istituto Superiore Di Sanita, 2017, 53, 70-76.	0.4	17
41	Rehabilitation After Rotator Cuff Repair. , 2017, , 369-380.		1
42	Motor imagery and rehabilitation of a professional soccer player after anterior cruciate ligament injury: a case report. Medicina Dello Sport, 2017, 70, .	0.1	2
43	Hyaluronic acid in the management of osteoarthritis: injection therapies innovations. Clinical Cases in Mineral and Bone Metabolism, 2016, 13, 131-134.	1.0	19
44	Reply to "Stimulus electrodiagnosis and motor and functional evaluations during ulnar nerve recovery". Brazilian Journal of Physical Therapy, 2016, 20, 285-287.	2.5	0
45	Mammalian glomus tumor: Contribution of nerve ultrasound. Muscle and Nerve, 2016, 54, 336-338.	2.2	3
46	Assessing the Cervical Range of Motion in Infants With Positional Plagiocephaly. Journal of Craniofacial Surgery, 2016, 27, 1060-1064.	0.7	18
47	Ultrasound findings of carpal tunnel syndrome in a hunter syndrome patient. Muscle and Nerve, 2016, 53, 661-662.	2.2	1
48	Consideration about "sonographic evaluation of peripheral nerves in subtypes of Guillain-Barré syndrome― Journal of the Neurological Sciences, 2016, 366, 246-247.	0.6	0
49	Comment on "novel technique in ED: Supracondylar ultrasound-guided nerve block for reduction of distal radius fractures― American Journal of Emergency Medicine, 2016, 34, 1172.	1.6	3
50	Letter to the Editor on "No Differences Identified in Transverse Plane Biomechanics Between Medial Pivot and Rotating Platform Total Knee Implant Designs― Journal of Arthroplasty, 2016, 31, 2372-2373.	3.1	1
51	Ultrasound in tarsal tunnel syndrome: Correct diagnosis for appropriate treatment. Muscle and Nerve, 2016, 54, 1148-1149.	2.2	3
52	Fibular nerve neurotmesis after knee dislocation: Ultrasonographic findings. Muscle and Nerve, 2016, 54, 1146-1147.	2.2	0
53	Extravascular heroin injection causing neuropathy: ultrasound picture. Neurological Sciences, 2016, 37, 1887-1888.	1.9	2
54	Ultrasonographic assessment of superficial fibular nerve branches. Clinical Neurophysiology, 2016, 127, 3298-3300.	1.5	1

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55	Comment on "Cut-off points to identify sarcopenia according to European Working Group on Sarcopenia in Older People (EWGSOP) definition― Clinical Nutrition, 2016, 35, 1568-1569.	5.0	4
56	Reply. Muscle and Nerve, 2016, 54, 515-516.	2.2	0
57	High-resolution ultrasound may depict pseudomeningocele. Neurological Sciences, 2016, 37, 1369-1372.	1.9	1
58	Medical Student and Primary Care Physician Perception of the Surgical Management of Upper- and Lower-Extremity Peripheral Nerve Entrapment. Annals of Plastic Surgery, 2016, 76, 743.	0.9	0
59	Reply to "Intraoperative dynamic pressure measurements in carpal tunnel syndrome: Correlations with clinical signs― Clinical Neurology and Neurosurgery, 2016, 143, 161.	1.4	0
60	Coordination between pelvis and shoulder girdle during walking in bilateral cerebral palsy. Clinical Biomechanics, 2016, 32, 142-149.	1.2	6
61	Intra-articular hyaluronic acid vs platelet-rich plasma in the treatment of hip osteoarthritis Medical Ultrasonography, 2016, 18, 463.	0.8	69
62	Painful Intramuscular Lipoma of the Infraspinatus: Unusual Location and Presentation. Orthopedics, 2016, 39, 206-206.	1.1	1
63	Fibular nerve damage in knee dislocation: Spectrum of ultrasound patterns. Muscle and Nerve, 2015, 51, 859-863.	2.2	25
64	Post-traumatic neuroma due to closed nerve injury. Is recovery after peripheral nerve trauma related to ultrasonographic neuroma size?. Clinical Neurology and Neurosurgery, 2015, 139, 314-318.	1.4	17
65	Kinematic analysis of reaching movements of the upper limb after total or reverse shoulder arthroplasty. Journal of Biomechanics, 2015, 48, 3192-3198.	2.1	14
66	17-Italian Foot Function Index with numerical rating scale: Development, reliability, and validity of a modified version of the original Foot Function Index. Foot, 2015, 25, 12-18.	1.1	29
67	Intermittent ulnar nerve compression due to accessory abductor digiti minimi muscle: Crucial diagnostic role of nerve ultrasound. Muscle and Nerve, 2015, 52, 463-464.	2.2	24
68	Appropriateness of clinical and organizational criteria for intra-articular injection therapies in osteoarthritis. A Delphi method consensus initiative among experts in Italy. Annali Dell'Istituto Superiore Di Sanita, 2015, 51, 131-8.	0.4	16
69	Segmental muscle vibration modifies muscle activation during reaching in chronic stroke: A pilot study. NeuroRehabilitation, 2014, 35, 405-414.	1.3	21
70	Re. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 278.	1.4	4
71	Comment to "Ultrasonic Assessment of Females with Carpal Tunnel Syndrome Proved by Nerve Conduction Study― Neural Plasticity, 2014, 2014, 1-2.	2.2	2
72	Relationship Between Ultrasonographic, Electromyographic, and Clinical Parameters in Adult Stroke Patients With Spastic Equinus: An Observational Study. Archives of Physical Medicine and Rehabilitation, 2014, 95, 1564-1570.	0.9	39

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73	Groin pain and iliopsoas bursitis: Always a cause-effect relationship?. Journal of Back and Musculoskeletal Rehabilitation, 2014, 27, 103-106.	1.1	6
74	The MoSt Project––More Steps in multiple sclerosis: a Delphi method consensus initiative for the evaluation of mobility management of MS patients in Italy. Journal of Neurology, 2014, 261, 526-532.	3.6	5
75	Complete remission of plantar fasciitis with a gluten-free diet: Relationship or just coincidence?. Foot, 2014, 24, 140-142.	1.1	1
76	The association between body fat and rotator cuff tear: the influence on rotator cuff tear sizes. Journal of Shoulder and Elbow Surgery, 2014, 23, 1669-1674.	2.6	96
77	TBD: Postsurgery Rehabilitation. , 2014, , 159-185.		0
78	Clinical definition of sarcopenia. Clinical Cases in Mineral and Bone Metabolism, 2014, 11, 177-80.	1.0	301
79	Influence of rTMS over the left primary motor cortex on initiation and performance of a simple movement executed with the contralateral arm in healthy volunteers. Experimental Brain Research, 2013, 224, 383-392.	1.5	11
80	Vertebral rotation in adolescent idiopathic scoliosis calculated by radiograph and back surface analysis-based methods: correlation between the Raimondi method and rasterstereography. European Spine Journal, 2013, 22, 367-371.	2.2	55
81	Clinical Improvement and Resorption of Calcifications in Calcific Tendinitis of the Shoulder After Shock Wave Therapy at 6 Months' Follow-Up: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1699-1706.	0.9	72
82	Influence of Kinesio Taping applied over biceps brachii on isokinetic elbow peak torque. A placebo controlled study in a population of young healthy subjects. Journal of Science and Medicine in Sport, 2013, 16, 245-249.	1.3	75
83	Ultrasound-Guided Corticosteroid Injection for the Treatment of de Quervain's Tenosynovitis. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 637-638.	1.4	7
84	Segmental muscle vibration improves reaching movement in patients with chronic stroke. A randomized controlled trial. NeuroRehabilitation, 2013, 32, 591-599.	1.3	41
85	Does giving segmental muscle vibration alter the response to botulinum toxin injections in the treatment of spasticity in people with multiple sclerosis? A single-blind randomized controlled trial. Clinical Rehabilitation, 2013, 27, 803-812.	2.2	38
86	Cross-Cultural Adaptation and Measurement Properties of the Italian Version of the Patient-Rated Tennis Elbow Evaluation (PRTEE) Questionnaire. Physical Therapy, 2012, 92, 1036-1045.	2.4	32
87	Cross-cultural Adaptation and Measurement Properties of an Italian Version of the Western Ontario Shoulder Instability Index (WOSI). Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 559-B6.	3.5	38
88	Botulinum Toxin Type A Injection Into the Gastrocnemius Muscle for Spastic Equinus in Adults With Stroke. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 957-964.	1.4	67
89	Alterations in cardiovascular autonomic function tests in idiopathic hyperhidrosis. Autonomic Neuroscience: Basic and Clinical, 2012, 167, 34-38.	2.8	12
90	Kinematic and kinetic modifications in walking pattern of hip osteoarthritis patients induced by intra-articular injections of hyaluronic acid. Clinical Biomechanics, 2012, 27, 661-665.	1.2	19

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91	Reorganization of multi-muscle and joint withdrawal reflex during arm movements in post-stroke hemiparetic patients. Clinical Neurophysiology, 2012, 123, 527-540.	1.5	15
92	Extracorporeal Shock-Wave Therapy for Supraspinatus Calcifying Tendinitis: A Randomized Clinical Trial Comparing Two Different Energy Levels. Physical Therapy, 2012, 92, 1376-1385.	2.4	45
93	Robot-Assisted Gait Training in Patients With Parkinson Disease. Neurorehabilitation and Neural Repair, 2012, 26, 353-361.	2.9	92
94	Long-term efficacy of a short period of taping followed by an exercise program in a cohort of patients with patellofemoral pain syndrome. Clinical Rheumatology, 2012, 31, 535-539.	2.2	17
95	Reliability of TMS-related measures of tibialis anterior muscle in patients with chronic stroke and healthy subjects. Journal of the Neurological Sciences, 2011, 303, 90-94.	0.6	61
96	Pelvis–shoulder coordination during level walking in patients with ankylosing spondylitis. Gait and Posture, 2011, 34, 1-5.	1.4	30
97	Neurophysiological changes induced by the botulinum toxin type A injection in children with cerebral palsy. European Journal of Paediatric Neurology, 2011, 15, 59-64.	1.6	18
98	Ultrasound-guided procedure for the treatment of trapeziometacarpal osteoarthritis. Clinical Rheumatology, 2011, 30, 1195-1200.	2.2	22
99	Immediate versus delayed electrical stimulation boosts botulinum toxin effect: A pilot study. Movement Disorders, 2011, 26, 1785-1786.	3.9	17
100	Shockwave Therapy for the Treatment of Chronic Proximal Hamstring Tendinopathy in Professional Athletes. American Journal of Sports Medicine, 2011, 39, 146-153.	4.2	114
101	Peripheral Nerve Conduction Abnormalities in Nonparetic Side of Ischemic Stroke Patients. Journal of Clinical Neurophysiology, 2010, 27, 48-51.	1.7	14
102	Tinnitus in postherpetic neuralgia. Journal of Headache and Pain, 2010, 11, 83-84.	6.0	6
103	Natural history and manifestations of the hypermobility type Ehlers–Danlos syndrome: A pilot study on 21 patients. American Journal of Medical Genetics, Part A, 2010, 152A, 556-564.	1.2	172
104	Kinematic and kinetic features of normal level walking in patellofemoral pain syndrome: More than a sagittal plane alteration. Journal of Biomechanics, 2010, 43, 1794-1798.	2.1	45
105	The Italian version of the Lower Extremity Functional Scale was reliable, valid, and responsive. Journal of Clinical Epidemiology, 2010, 63, 550-557.	5.0	58
106	Segmental Muscle Vibration Improves Walking in Chronic Stroke Patients With Foot Drop: A Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2010, 24, 254-262.	2.9	73
107	Effectiveness of treatment of calcific tendinitis of the shoulder by disodium EDTA. Arthritis and Rheumatism, 2009, 61, 84-91.	6.7	38
108	Response of Bone Turnover Biochemical Markers to Extracorporeal Shock Wave Therapy in the Management of Long-Bone Nonunions. Clinical Chemistry, 2009, 55, 195-196.	3.2	8

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109	Extracorporeal Shock-Wave Therapy Compared with Surgery for Hypertrophic Long-Bone Nonunions. Journal of Bone and Joint Surgery - Series A, 2009, 91, 2589-2597.	3.0	109
110	Mirror Therapy for Chronic Complex Regional Pain Syndrome Type 1 and Stroke. New England Journal of Medicine, 2009, 361, 634-636.	27.0	141
111	Reliability of transcranial magnetic stimulation-related measurements of tibialis anterior muscle in healthy subjects. Clinical Neurophysiology, 2009, 120, 414-419.	1.5	80
112	Mirror Therapy in Complex Regional Pain Syndrome Type 1 of the Upper Limb in Stroke Patients. Neurorehabilitation and Neural Repair, 2009, 23, 792-799.	2.9	143
113	Intramuscular Oxygen-Ozone Therapy in the Treatment of Acute Back Pain With Lumbar Disc Herniation. Spine, 2009, 34, 1337-1344.	2.0	95
114	Modulation of spinal inhibitory reflex responses to cutaneous nociceptive stimuli during upper limb movement. European Journal of Neuroscience, 2008, 28, 559-568.	2.6	17
115	Effects of 8-week strength training with two models of chest press machines on muscular activity pattern and strength. Journal of Electromyography and Kinesiology, 2008, 18, 618-627.	1.7	20
116	Comparison between Kinematic and Kinetic Methods for Computing the Vertical Displacement of the Center of Mass during Human Hopping at Different Frequencies. Journal of Applied Biomechanics, 2008, 24, 271-279.	0.8	25
117	Relationship between recovery of calf-muscle biomechanical properties and gait pattern following surgery for achilles tendon rupture. Clinical Biomechanics, 2007, 22, 211-220.	1.2	82
118	Foot drop and plantar flexion failure determine different gait strategies in Charcot-Marie-Tooth patients. Clinical Biomechanics, 2007, 22, 905-916.	1.2	97
119	Chiropractic manipulation in the treatment of acute back pain and sciatica with disc protrusion: a randomized double-blind clinical trial of active and simulated spinal manipulations. Spine Journal, 2006, 6, 131-137.	1.3	121
120	Effectiveness of Radial Shock-Wave Therapy for Calcific Tendinitis of the Shoulder: Single-Blind, Randomized Clinical Study. Physical Therapy, 2006, 86, 672-682.	2.4	137
121	Myoclonus of the scapula after acute long thoracic nerve lesion: A case report. Movement Disorders, 2006, 21, 71-73.	3.9	26
122	Kinematic and Electromyographic Study of the Nociceptive Withdrawal Reflex in the Upper Limbs during Rest and Movement. Journal of Neuroscience, 2006, 26, 3505-3513.	3.6	29
123	Bilateral Implantation in Globus Pallidus Internus and in Subthalamic Nucleus in Parkinson's Disease. Neuromodulation, 2005, 8, 1-6.	0.8	35
124	Peroneus Longus Muscle Activation Pattern during Gait Cycle in Athletes Affected by Functional Ankle Instability. American Journal of Sports Medicine, 2005, 33, 1183-1187.	4.2	101
125	Spontaneous baroreflex modulation of heart rate and heart rate variability during orthostatic stress in tetraplegics and healthy subjects. Journal of Hypertension, 2001, 19, 2231-2240.	0.5	37