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	Clinical definition of sarcopenia. Clinical Cases in Mineral and Bone Metabolism, 2014, 11, 177-80.	1.0	301
2	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
3	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
4	Mirror Therapy for Chronic Complex Regional Pain Syndrome Type 1 and Stroke. New England Journal of Medicine, 2009, 361, 634-636.	27.0	141
5	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
6	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
7	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
8	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
9	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
10	Foot drop and plantar flexion failure determine different gait strategies in Charcot-Marie-Tooth patients. Clinical Biomechanics, 2007, 22, 905-916.	1.2	97
11	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
12	Intramuscular Oxygen-Ozone Therapy in the Treatment of Acute Back Pain With Lumbar Disc Herniation. Spine, 2009, 34, 1337-1344.	2.0	95
13	Robot-Assisted Gait Training in Patients With Parkinson Disease. Neurorehabilitation and Neural Repair, 2012, 26, 353-361.	2.9	92
14	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
15	Reliability of transcranial magnetic stimulation-related measurements of tibialis anterior muscle in healthy subjects. Clinical Neurophysiology, 2009, 120, 414-419.	1.5	80
16	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
17	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
18	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

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19	Intra-articular hyaluronic acid vs platelet-rich plasma in the treatment of hip osteoarthritis Medical Ultrasonography, 2016, 18, 463.	0.8	69
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Segmental muscle vibration improves reaching movement in patients with chronic stroke. A randomized controlled trial. NeuroRehabilitation, 2013, 32, 591-599.	1.3	41
28	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
29	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
30	Effectiveness of treatment of calcific tendinitis of the shoulder by disodium EDTA. Arthritis and Rheumatism, 2009, 61, 84-91.	6.7	38
31	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, 559-86.	3.5	38
32	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
33	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
34	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
35	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
36	Bilateral Implantation in Globus Pallidus Internus and in Subthalamic Nucleus in Parkinson's Disease. Neuromodulation, 2005, 8, 1-6.	0.8	35

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37	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
38	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
39	Pelvis–shoulder coordination during level walking in patients with ankylosing spondylitis. Gait and Posture, 2011, 34, 1-5.	1.4	30
40	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
41	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
42	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
43	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
44	Myoclonus of the scapula after acute long thoracic nerve lesion: A case report. Movement Disorders, 2006, 21, 71-73.	3.9	26
45	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
46	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
47	Fibular nerve damage in knee dislocation: Spectrum of ultrasound patterns. Muscle and Nerve, 2015, 51, 859-863.	2.2	25
48	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
49	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
50	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
51	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
52	Ultrasound-guided procedure for the treatment of trapeziometacarpal osteoarthritis. Clinical Rheumatology, 2011, 30, 1195-1200.	2,2	22
53	Segmental muscle vibration modifies muscle activation during reaching in chronic stroke: A pilot study. NeuroRehabilitation, 2014, 35, 405-414.	1.3	21
54	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

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55	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
56	Hyaluronic acid in the management of osteoarthritis: injection therapies innovations. Clinical Cases in Mineral and Bone Metabolism, 2016, 13, 131-134.	1.0	19
57	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
58	Assessing the Cervical Range of Motion in Infants With Positional Plagiocephaly. Journal of Craniofacial Surgery, 2016, 27, 1060-1064.	0.7	18
59	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
60	Immediate versus delayed electrical stimulation boosts botulinum toxin effect: A pilot study. Movement Disorders, 2011, 26, 1785-1786.	3.9	17
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	Peripheral Nerve Conduction Abnormalities in Nonparetic Side of Ischemic Stroke Patients. Journal of Clinical Neurophysiology, 2010, 27, 48-51.	1.7	14
69	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
70	Alterations in cardiovascular autonomic function tests in idiopathic hyperhidrosis. Autonomic Neuroscience: Basic and Clinical, 2012, 167, 34-38.	2.8	12
71	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
72	Postural Evaluation in Sports and Sedentary Subjects by Rasterstereographic Back Shape Analysis. Applied Sciences (Switzerland), 2020, 10, 8838.	2.5	11

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73	Movement Analysis with Inertial Measurement Unit Sensor After Surgical Treatment for Distal Radius Fractures. BioResearch Open Access, 2020, 9, 151-161.	2.6	10
74	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
75	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
76	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
77	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
78	A case of traumatic long thoracic nerve suffering: High-frequency ultrasound finding. Joint Bone Spine, 2017, 84, 505-506.	1.6	7
79	Tinnitus in postherpetic neuralgia. Journal of Headache and Pain, 2010, 11, 83-84.	6.0	6
80	Groin pain and iliopsoas bursitis: Always a cause-effect relationship?. Journal of Back and Musculoskeletal Rehabilitation, 2014, 27, 103-106.	1.1	6
81	Coordination between pelvis and shoulder girdle during walking in bilateral cerebral palsy. Clinical Biomechanics, 2016, 32, 142-149.	1.2	6
82	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
83	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
84	Re. American Journal of Physical Medicine and Rehabilitation, 2014, 93, 278.	1.4	4
85	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
86	The important use of ultrasound on a child with chronic pain. Journal of Clinical Anesthesia, 2017, 38, 105-106.	1.6	4
87	Ulnar Nerve Dislocation at the Elbow: The Role of Ultrasound. World Neurosurgery, 2017, 103, 934-935.	1.3	4
88	Mammalian glomus tumor: Contribution of nerve ultrasound. Muscle and Nerve, 2016, 54, 336-338.	2.2	3
89	Comment on "novel technique in ED: Supracondylar ultrasound-guided nerve block for reduction of distal radius fracturesâ€. American Journal of Emergency Medicine, 2016, 34, 1172.	1.6	3
90	Ultrasound in tarsal tunnel syndrome: Correct diagnosis for appropriate treatment. Muscle and Nerve, 2016, 54, 1148-1149.	2.2	3

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91	Mobility recovery after arthroscopic rotator cuff repair. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 49-56.	2.2	3
92	Comment to "Ultrasonic Assessment of Females with Carpal Tunnel Syndrome Proved by Nerve Conduction Study― Neural Plasticity, 2014, 2014, 1-2.	2.2	2
93	Extravascular heroin injection causing neuropathy: ultrasound picture. Neurological Sciences, 2016, 37, 1887-1888.	1.9	2
94	Immune-mediated neuropathies: Role of single-fiber conduction velocity. Clinical Neurophysiology, 2017, 128, 1411-1412.	1.5	2
95	Ultrasonographic appearance of ulnar nerve at different points of elbow. European Journal of Radiology, 2018, 102, 228-230.	2.6	2
96	Ultrasound to depict anatomical abnormality: an example of potential alliance of rehabilitation professionals Medical Ultrasonography, 2018, 1, 117.	0.8	2
97	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
98	Complete remission of plantar fasciitis with a gluten-free diet: Relationship or just coincidence?. Foot, 2014, 24, 140-142.	1.1	1
99	Ultrasound findings of carpal tunnel syndrome in a hunter syndrome patient. Muscle and Nerve, 2016, 53, 661-662.	2.2	1
100	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
101	Ultrasonographic assessment of superficial fibular nerve branches. Clinical Neurophysiology, 2016, 127, 3298-3300.	1.5	1
102	High-resolution ultrasound may depict pseudomeningocele. Neurological Sciences, 2016, 37, 1369-1372.	1.9	1
103	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
104	Letter: Cubital Tunnel Syndrome: Incidence and Demographics in a National Administrative Database. Neurosurgery, 2017, 81, E61-E62.	1.1	1
105	Morphological evaluation of median nerve: why ultrasound?. Rheumatology International, 2017, 37, 1593-1595.	3.0	1
106	Ultrasound picture in a case of fibular neuropathy at knee. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 2544-2546.	4.2	1
107	Painful Intramuscular Lipoma of the Infraspinatus: Unusual Location and Presentation. Orthopedics, 2016, 39, 206-206.	1.1	1
108	Rehabilitation After Rotator Cuff Repair. , 2017, , 369-380.		1

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109	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
110	Consideration about "sonographic evaluation of peripheral nerves in subtypes of Guillain-Barré syndromeâ€. Journal of the Neurological Sciences, 2016, 366, 246-247.	0.6	0
111	Fibular nerve neurotmesis after knee dislocation: Ultrasonographic findings. Muscle and Nerve, 2016, 54, 1146-1147.	2.2	O
112	Reply. Muscle and Nerve, 2016, 54, 515-516.	2.2	0
113	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
114	Reply to "Intraoperative dynamic pressure measurements in carpal tunnel syndrome: Correlations with clinical signsâ€. Clinical Neurology and Neurosurgery, 2016, 143, 161.	1.4	0
115	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	O
116	Comment on "peripheral nerve function in patients with excessive fragmentary myoclonus during sleep― Sleep Medicine, 2017, 33, 193.	1.6	0
117	Remarks about "A pediatric patient of hemorrhagic acute transverse myelitis― Brain and Development, 2017, 39, 455.	1.1	O
118	Consideration about "Polyneuropathy in levodopa-treated Parkinson's patients― Journal of the Neurological Sciences, 2017, 375, 1-2.	0.6	0
119	Nerve ultrasound in carpal tunnel syndrome. Usefulness of an evaluation along a long tract. Journal of Clinical Neuroscience, 2017, 42, 217-218.	1.5	O
120	Considerations About "Carpal Tunnel Syndrome Grading Using High-Resolution Ultrasonography― Journal of Clinical Neurophysiology, 2017, 34, 553-553.	1.7	0
121	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
122	Observation About "Open Surgical Release of Posttraumatic Elbow Contracture in Children and Adolescentsâ€, Journal of Pediatric Orthopaedics, 2018, 38, e28-e28.	1.2	0
123	Un cas d'atteinte traumatique du nerf thoracique longÂ: données de l'échographie haute fréquenc Revue Du Rhumatisme (Edition Francaise), 2018, 85, 303-304.	o.o	O
124	TBD: Postsurgery Rehabilitation. , 2014, , 159-185.		0
125	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	O