Jan FridÃ©n

List of Publications by Year
in descending order

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56 papers	2,809 citations	236925 25 h-index	175258 52 g-index
57 all docs	57 docs citations	57 times ranked	2493 citing authors

#	Article	IF	Citations
1	Functional and clinical significance of skeletal muscle architecture. Muscle and Nerve, 2000, 23, 1647-1666.	2.2	928
2	Spastic muscle cells are shorter and stiffer than normal cells. Muscle and Nerve, 2003, 27, 157-164.	2.2	307
3	Substance P and calcitonin gene-related peptide expression at the extensor carpi radialis brevis muscle origin: Implications for the etiology of tennis elbow. Journal of Orthopaedic Research, 1999, 17, 554-559.	2.3	123
4	Desmin knockout muscles generate lower stress and are less vulnerable to injury compared with wild-type muscles. American Journal of Physiology - Cell Physiology, 2000, 279, C1116-C1122.	4.6	112
5	Mechanical Strength of the Side-to-Side Versus Pulvertaft Weave Tendon Repair. Journal of Hand Surgery, 2010, 35, 540-545.	1.6	102
6	Carpal Tunnel Syndrome: Hand Surgeons, Hand Therapists, and Physical Medicine and Rehabilitation Physicians Agree on a Multidisciplinary Treatment Guidelineâ€"Results From the European HANDGUIDE Study. Archives of Physical Medicine and Rehabilitation, 2014, 95, 2253-2263.	0.9	102
7	The influences of muscle fibre proportions and areas upon EMG during maximal dynamic knee extensions. European Journal of Applied Physiology and Occupational Physiology, 2000, 81, 2-10.	1.2	85
8	Efficacy of Magnetic Resonance Imaging and Clinical Tests in Diagnostics of Wrist Ligament Injuries: A Systematic Review. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 2014-2020.e2.	2.7	67
9	Comparison of Treatment Outcome After Collagenase and Needle Fasciotomy for Dupuytren Contracture: A Randomized, Single-Blinded, Clinical Trial With a 1-Year Follow-Up. Journal of Hand Surgery, 2016, 41, 873-880.	1.6	63
10	Multidisciplinary Consensus Guideline for Managing Trigger Finger: Results From the European HANDGUIDE Study. Physical Therapy, 2014, 94, 1421-1433.	2.4	57
11	Tetraplegia Management Update. Journal of Hand Surgery, 2015, 40, 2489-2500.	1.6	57
12	Brachialis-to-Extensor Carpi Radialis Longus Selective Nerve Transfer to Restore Wrist Extension in Tetraplegia: Case Report. Journal of Hand Surgery, 2012, 37, 1606-1608.	1.6	55
13	Percutaneous Needle Fasciotomy Versus Collagenase Treatment for Dupuytren Contracture. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1079-1086.	3.0	55
14	Sarcomere length in wrist extensor muscles Changes may provide insights into the etiology of chronic lateral epicondylitis. Acta Orthopaedica, 1997, 68, 249-254.	1.4	49
15	Review of Upper Extremity Nerve Transfer in Cervical Spinal Cord Injury. Journal of Brachial Plexus and Peripheral Nerve Injury, 2015, 10, e34-e42.	1.0	48
16	Consensus on a Multidisciplinary Treatment Guideline for de Quervain Disease: Results From the European HANDGUIDE Study. Physical Therapy, 2014, 94, 1095-1110.	2.4	41
17	A Single-stage Operation for Reconstruction of Hand Flexion, Extension, and Intrinsic Function in Tetraplegia. Techniques in Hand and Upper Extremity Surgery, 2011, 15, 230-235.	0.6	39
18	Early Active Rehabilitation After Grip Reconstructive Surgery in Tetraplegia. Archives of Physical Medicine and Rehabilitation, 2016, 97, S117-S125.	0.9	37

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19	Mechanical considerations in the design of surgical reconstructive procedures. Journal of Biomechanics, 2002, 35, 1039-1045.	2.1	36
20	PXL01 in Sodium Hyaluronate for Improvement of Hand Recovery after Flexor Tendon Repair Surgery: Randomized Controlled Trial. PLoS ONE, 2014, 9, e110735.	2.5	36
21	Skeletal Muscle Changes After Short Term Vibration. Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery, 1996, 30, 99-103.	0.6	33
22	Enhanced independence: experiences after regaining grip function in people with tetraplegia. Disability and Rehabilitation, 2013, 35, 1968-1974.	1.8	29
23	Activity Gains After Reconstructions of Elbow Extension in Patients With Tetraplegia. Journal of Hand Surgery, 2012, 37, 1003-1010.	1.6	28
24	Outcomes of Single-Stage Grip-Release Reconstruction in Tetraplegia. Journal of Hand Surgery, 2013, 38, 1137-1144.	1.6	26
25	Fiber length variability within the flexor carpi ulnaris and flexor carpi radialis muscles: implications for surgical tendon transfer. Journal of Hand Surgery, 2004, 29, 909-914.	1.6	25
26	Pronator Teres Is an Appropriate Donor Muscle for Restoration of Wrist and Thumb Extension. Journal of Hand Surgery, 2005, 30, 1068-1073.	1.6	25
27	Mechanical Feasibility of Immediate Mobilization of the Brachioradialis Muscle After Tendon Transfer. Journal of Hand Surgery, 2010, 35, 1473-1478.	1.6	21
28	Rehabilitation After Spasticity-Correcting Upper Limb Surgery in Tetraplegia. Archives of Physical Medicine and Rehabilitation, 2016, 97, S136-S143.	0.9	17
29	Intrinsic Hand Muscle Function, Part 2: Kinematic Comparison of 2 Reconstructive Procedures. Journal of Hand Surgery, 2013, 38, 2100-2105.e1.	1.6	16
30	Novel Concepts Integrated in Neuromuscular Assessments for Surgical Restoration of Arm and Hand Function in Tetraplegia. Physical Medicine and Rehabilitation Clinics of North America, 2012, 23, 33-50.	1.3	15
31	Electrical stimulationâ€”a mapping system for hand dysfunction in tetraplegia. Spinal Cord, 2018, 56, 516-522.	1.9	15
32	Motor Point Topography of Fundamental Grip Actuators in Tetraplegia: Implications in Nerve Transfer Surgery. Journal of Neurotrauma, 2020, 37, 441-447.	3.4	14
33	Role of Functional Electrical Stimulation in Tetraplegia Hand Surgery. Archives of Physical Medicine and Rehabilitation, 2016, 97, S154-S159.	0.9	13
34	Management of Spinal Cord Injury-Induced Upper Extremity Spasticity. Hand Clinics, 2018, 34, 555-565.	1.0	13
35	Activity gains after upper limb surgery for spasticity in patients with spinal cord injury. Journal of Hand Surgery: European Volume, 2018, 43, 613-620.	1.0	12
36	Functional and clinical significance of skeletal muscle architecture. Muscle and Nerve, 2000, 23, 1647-1666.	2.2	11

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37	Upper and lower motor neuron lesions in tetraplegia: implications for surgical nerve transfer to restore hand function. Journal of Applied Physiology, 2020, 129, 1214-1219.	2.5	10
38	Characteristics of the shift from the fatigue phase to the endurance level (breakpoint) of peak torque during repeated dynamic maximal knee extensions are correlated to muscle morphology. Isokinetics and Exercise Science, 1998, 7, 49-60.	0.4	9
39	The Extensor Pollicis Longus-Loop-Knot (ELK) Procedure for Dynamic Balance of the Paralyzed Thumb Interphalangeal Joint. Techniques in Hand and Upper Extremity Surgery, 2013, 17, 184-186.	0.6	9
40	Passive Muscleâ€“Tendon Amplitude May Not Reflect Skeletal Muscle Functional Excursion. Journal of Hand Surgery, 2006, 31, 1105-1110.	1.6	8
41	Selective release of the digital extensor hood to reduce intrinsic tightness in tetraplegia. Journal of Plastic Surgery and Hand Surgery, 2011, 45, 83-89.	0.8	8
42	Rehabilitation After Posterior Deltoid to Triceps Transfer in Tetraplegia. Archives of Physical Medicine and Rehabilitation, 2016, 97, S126-S135.	0.9	8
43	Tendon transfer surgery: clinical implications of experimental studies. Clinical Orthopaedics and Related Research, 2002, , S163-70.	1.5	7
44	Upper extremity reconstruction in non-traumatic spinal cord injuries: An under-recognized opportunity. Journal of Rehabilitation Medicine, 2014, 46, 33-38.	1.1	6
45	Patients With Triangular Fibrocartilage Complex Injuries and Distal Radioulnar Joint Instability Gain Improved Forearm Peak Pronation and Supination Torque After Reinsertion. Hand, 2020, 15, 281-286.	1.2	6
46	Long-term effect of task-oriented functional electrical stimulation in chronic Guillain BarrÃ© syndromeâ€“a single-subject study. Spinal Cord Series and Cases, 2021, 7, 53.	0.6	4
47	Improving hand function after spinal cord injury. Journal of Hand Surgery: European Volume, 2022, 47, 105-116.	1.0	4
48	Cost description of clinical examination and MRI in wrist ligament injuries. Journal of Plastic Surgery and Hand Surgery, 2018, 52, 30-36.	0.8	4
49	The Effect of Intrinsic Loading and Reconstruction Upon Grip Capacity and Finger Extension Kinematics. Journal of Hand Surgery, 2015, 40, 96-101.e1.	1.6	3
50	Functional and clinical significance of skeletal muscle architecture. , 0, .		3
51	Surgical intervention for carpal tunnel syndrome in individuals with spinal cord injuriesâ€”patient characteristics, diagnostic considerations, and treatment outcomes. Spinal Cord Series and Cases, 2021, 7, 9.	0.6	2
52	A Prediction Model for Various Treatment Pathways of Upper Extremity in Tetraplegia. Frontiers in Rehabilitation Sciences, 0, 3, .	1.2	2
53	Spastic wrist flexors are more severely affected than wrist extensors in children with cerebral palsy. Developmental Medicine and Child Neurology, 2005, 47, 384-389.	2.1	1
54	Regional estimates of cortical thickness in brain areas involved in control of surgically restored limb movement in patients with tetraplegia. Journal of Spinal Cord Medicine, 2020, 43, 462-469.	1.4	1

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55	Outcome from a brachialis donor for wrist extension in tetraplegiaâ€”time to reconsider the International Classification for Surgery of the Hand in Tetraplegia (ICSHT). Spinal Cord Series and Cases, 2021, 7, 73.	0.6	1
56	Spasticity causes a fundamental rearrangement of muscleâ€“joint interaction. Muscle and Nerve, 2002, 25, 265.	2.2	1