Gunnar NÃ©meth

List of Publications by Year
in descending order

29 papers	1,878 citations	331670 21 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1256 citing authors

#	Article	IF	Citations
1	A New CT Method for Assessing 3D Movements in Lumbar Facet Joints and Vertebrae in Patients before and after TDR. BioMed Research International, 2015, 2015, 1-9.	1.9	7
2	Back extensor muscle fatigue in patients with lumbar disc herniation. European Spine Journal, 2006, 15, 559-569.	2.2	50
3	EMG recovery and ratings after back extensor fatigue in patients with lumbar disc herniation and healthy subjects. European Journal of Applied Physiology, 2004, 92, 150-159.	2.5	6
4	Electromyographic and biomechanic analysis of anterior cruciate ligament deficiency and functional knee bracing. Clinical Biomechanics, 2003, 18, 28-34.	1.2	48
5	Lumbar muscle fatigue and recovery in patients with long-term low-back troubleâ€“â€“electromyography and health-related factors. Clinical Biomechanics, 2003, 18, 619-630.	1.2	65
6	Seeking Care for Low Back Pain in the General Population. Spine, 2002, 27, 2159-2165.	2.0	77
7	Influence of interelectrode distance and force level on the spectral parameters of surface electromyographic recordings from the lumbar muscles. Journal of Electromyography and Kinesiology, 2002, 12, 295-304.	1.7	16
8	Electromyography and ratings of lumbar muscle fatigue using a four-level staircase protocol. Clinical Biomechanics, 2002, 17, 171-176.	1.2	17
9	Tibiofemoral contact points relative to flexion angle measured with MRI. Clinical Biomechanics, 2002, 17, 477-485.	1.2	68
10	Recovery of electromyograph median frequency after lumbar muscle fatigue analysed using an exponential time dependence model. European Journal of Applied Physiology, 2002, 88, 85-93.	2.5	29
11	Assessment of functional knee bracing: an in vivo three-dimensional kinematic analysis of the anterior cruciate deficient knee. Clinical Biomechanics, 2001, 16, 61-70.	1.2	60
12	Prediction of Functional Disability, Recurrences, and Chronicity After 1 Year in 180 Patients Who Required Sick Leave for Acute Low-Back Pain. Journal of Spinal Disorders, 2000, 13, 470-477.	1.1	38
13	Between-days reliability of subjective and objective assessments of back extensor muscle fatigue in subjects without lower-back pain. Journal of Electromyography and Kinesiology, 2000, 10, 151-158.	1.7	70
14	Reliability of EMG spectral parameters in repeated measurements of back muscle fatigue. Journal of Electromyography and Kinesiology, 1999, 9, 235-243.	1.7	72
15	Correlation between electromyographic spectral changes and subjective assessment of lumbar muscle fatigue in subjects without pain from the lower back. Clinical Biomechanics, 1999, 14, 103-111.	1.2	106
16	A model predicting individual shoulder muscle forces based on relationship between electromyographic and 3D external forces in static position. Journal of Biomechanics, 1998, 31, 731-739.	2.1	101
17	Electromyographic Activity in Expert Downhill Skiers Using Functional Knee Braces After Anterior Cruciate Ligament Injuries. American Journal of Sports Medicine, 1997, 25, 635-641.	4.2	36
18	The load on the low back and hips and muscular activity during machine milking. International Journal of Industrial Ergonomics, 1990, 5, 115-123.	2.6	13

#	Article	IF	Citations
19	Electromyogram (EMG) recordings from the subscapularis muscle: Description of a technique. Journal of Orthopaedic Research, 1990, 8, 151-153.	2.3	33
20	Tibiofemoral joint forces during isokinetic knee extension. American Journal of Sports Medicine, 1989, 17, 49-54.	4.2	125
21	Muscle activity during shoulder dislocation. Acta Orthopaedica, 1989, 60, 639-641.	1.4	16
22	Moment arms of hip abductor and adductor muscles measured in vivo by computed tomography. Clinical Biomechanics, 1989, 4, 133-136.	1.2	8
23	3D-Location of the L5â€“S1 Fulcrum in Relation to the Hip. Spine, 1989, 14, 604-605.	2.0	4
24	Influence of sitting postures on neck and shoulder e.m.g. during arm-hand work movements. Clinical Biomechanics, 1987, 2, 126-139.	1.2	58
25	Joint forces in extension of the knee: Analysis of a mechanical model. Acta Orthopaedica, 1986, 57, 41-46.	1.4	150
26	Load moments and myoelectric activity when the cervical spine is held in full flexion and extension. Ergonomics, 1986, 29, 1539-1552.	2.1	132
27	Effects of changes in sitting work posture on static neck and shoulder muscle activity. Ergonomics, 1986, 29, 1525-1537.	2.1	261
28	Moment Arm Lengths of Trunk Muscles to the Lumbosacral Joint Obtained In Vivo with Computed Tomography. Spine, 1986, 11, 158-160.	2.0	65
29	In vivo moment arm lengths for hip extensor muscles at different angles of hip flexion. Journal of Biomechanics, 1985, 18, 129-140.	2.1	147