

Gunnar NÃ©meth

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Effects of changes in sitting work posture on static neck and shoulder muscle activity. <i>Ergonomics</i> , 1986, 29, 1525-1537. | 2.1 | 261 |
| 2 | Joint forces in extension of the knee: Analysis of a mechanical model. <i>Acta Orthopaedica</i> , 1986, 57, 41-46. | 1.4 | 150 |
| 3 | In vivo moment arm lengths for hip extensor muscles at different angles of hip flexion. <i>Journal of Biomechanics</i> , 1985, 18, 129-140. | 2.1 | 147 |
| 4 | Load moments and myoelectric activity when the cervical spine is held in full flexion and extension. <i>Ergonomics</i> , 1986, 29, 1539-1552. | 2.1 | 132 |
| 5 | Tibiofemoral joint forces during isokinetic knee extension. <i>American Journal of Sports Medicine</i> , 1989, 17, 49-54. | 4.2 | 125 |
| 6 | Correlation between electromyographic spectral changes and subjective assessment of lumbar muscle fatigue in subjects without pain from the lower back. <i>Clinical Biomechanics</i> , 1999, 14, 103-111. | 1.2 | 106 |
| 7 | A model predicting individual shoulder muscle forces based on relationship between electromyographic and 3D external forces in static position. <i>Journal of Biomechanics</i> , 1998, 31, 731-739. | 2.1 | 101 |
| 8 | Seeking Care for Low Back Pain in the General Population. <i>Spine</i> , 2002, 27, 2159-2165. | 2.0 | 77 |
| 9 | Reliability of EMG spectral parameters in repeated measurements of back muscle fatigue. <i>Journal of Electromyography and Kinesiology</i> , 1999, 9, 235-243. | 1.7 | 72 |
| 10 | Between-days reliability of subjective and objective assessments of back extensor muscle fatigue in subjects without lower-back pain. <i>Journal of Electromyography and Kinesiology</i> , 2000, 10, 151-158. | 1.7 | 70 |
| 11 | Tibiofemoral contact points relative to flexion angle measured with MRI. <i>Clinical Biomechanics</i> , 2002, 17, 477-485. | 1.2 | 68 |
| 12 | Moment Arm Lengths of Trunk Muscles to the Lumbosacral Joint Obtained In Vivo with Computed Tomography. <i>Spine</i> , 1986, 11, 158-160. | 2.0 | 65 |
| 13 | Lumbar muscle fatigue and recovery in patients with long-term low-back trouble—electromyography and health-related factors. <i>Clinical Biomechanics</i> , 2003, 18, 619-630. | 1.2 | 65 |
| 14 | Assessment of functional knee bracing: an in vivo three-dimensional kinematic analysis of the anterior cruciate deficient knee. <i>Clinical Biomechanics</i> , 2001, 16, 61-70. | 1.2 | 60 |
| 15 | Influence of sitting postures on neck and shoulder e.m.g. during arm-hand work movements. <i>Clinical Biomechanics</i> , 1987, 2, 126-139. | 1.2 | 58 |
| 16 | Back extensor muscle fatigue in patients with lumbar disc herniation. <i>European Spine Journal</i> , 2006, 15, 559-569. | 2.2 | 50 |
| 17 | Electromyographic and biomechanic analysis of anterior cruciate ligament deficiency and functional knee bracing. <i>Clinical Biomechanics</i> , 2003, 18, 28-34. | 1.2 | 48 |
| 18 | Prediction of Functional Disability, Recurrences, and Chronicity After 1 Year in 180 Patients Who Required Sick Leave for Acute Low-Back Pain. <i>Journal of Spinal Disorders</i> , 2000, 13, 470-477. | 1.1 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Electromyographic Activity in Expert Downhill Skiers Using Functional Knee Braces After Anterior Cruciate Ligament Injuries. <i>American Journal of Sports Medicine</i> , 1997, 25, 635-641. | 4.2 | 36 |
| 20 | Electromyogram (EMG) recordings from the subscapularis muscle: Description of a technique. <i>Journal of Orthopaedic Research</i> , 1990, 8, 151-153. | 2.3 | 33 |
| 21 | Recovery of electromyograph median frequency after lumbar muscle fatigue analysed using an exponential time dependence model. <i>European Journal of Applied Physiology</i> , 2002, 88, 85-93. | 2.5 | 29 |
| 22 | Electromyography and ratings of lumbar muscle fatigue using a four-level staircase protocol. <i>Clinical Biomechanics</i> , 2002, 17, 171-176. | 1.2 | 17 |
| 23 | Muscle activity during shoulder dislocation. <i>Acta Orthopaedica</i> , 1989, 60, 639-641. | 1.4 | 16 |
| 24 | Influence of interelectrode distance and force level on the spectral parameters of surface electromyographic recordings from the lumbar muscles. <i>Journal of Electromyography and Kinesiology</i> , 2002, 12, 295-304. | 1.7 | 16 |
| 25 | The load on the low back and hips and muscular activity during machine milking. <i>International Journal of Industrial Ergonomics</i> , 1990, 5, 115-123. | 2.6 | 13 |
| 26 | Moment arms of hip abductor and adductor muscles measured in vivo by computed tomography. <i>Clinical Biomechanics</i> , 1989, 4, 133-136. | 1.2 | 8 |
| 27 | A New CT Method for Assessing 3D Movements in Lumbar Facet Joints and Vertebrae in Patients before and after TDR. <i>BioMed Research International</i> , 2015, 2015, 1-9. | 1.9 | 7 |
| 28 | EMG recovery and ratings after back extensor fatigue in patients with lumbar disc herniation and healthy subjects. <i>European Journal of Applied Physiology</i> , 2004, 92, 150-159. | 2.5 | 6 |
| 29 | 3D-Location of the L5/S1 Fulcrum in Relation to the Hip. <i>Spine</i> , 1989, 14, 604-605. | 2.0 | 4 |