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Scientific Studies

Author	Title	Journal, Conference or Publisher	Year;Volume:Pages
Jonsson B	Kinesiology – With special reference to electromyographic kinesiology	*Contemporary Clinical Neurophysiology*	1978;34:417-428
De Luca CJ	Physiology and mathematics of myoelectric signals	*IEEE Transactions on Biomedical Engineering*	1979;26:313-325
Jonsson B	Measurement and evaluation of local muscular strain in the shoulder during constrained work	*Journal of Human Ergology*	1982;11:73-88
Basmajian J & De Luca CJ	Muscles alive: Their functions revealed by electromyography	*Williams and Wilkins, Baltimore*	1985;
Jonsson B	The static load component in muscle work	*European Journal of Applied Physiology*	1988;57:205-310
Dolan P et al.	Fatigue of the erector spinae muscles: A quantitative assessment using "frequency banding" of the electromyographic signal	*Spine*	1995;20:149-159
Kamen G et al.	Physiology and interpretation of the electromyogram	*Journal of Clinical Neurophysiology*	1996;13:366-384
Hermens HJ et al.	European recommendations for surface electromyography	*Roessingh Research and Development, www.seniam.org*	1999;
Sutherland DH	The evolution of clinical gait analysis part I: Kinesiological EMG	*Gait & Posture*	2001;14:61-70
Merletti R & Parker A	Electromyography – Physiology, engineering and noninvasive Applications	*IEEE Press*	2004;
Meigal A et al.	Thermoregulation dependent component in pathophysiology of motor disorders in Parkinson's disease	*Pathophysiology*	2005;11:187-196
Teitti S et al.	Non-primary motor areas in the human frontal lobe are connected directly to hand muscles	*NeuroImage*	2008;40:1243-1250
Henriksen M et al.	Influence of pain and gender on impact loading during walking: A randomised trial	*Clinical Biomechanics*	2008;23:221-230
Julkunen P et al.	Navigated TMS combined with EEG in mild cognitive impairment and Alzheimer’s disease: A pilot study	*Journal of Neuroscience Methods*	2008;172:270-276
Säisänen L et al.	Factors influencing cortical silent period: Optimized stimulus location, intensity and muscle contraction	*Journal of Neuroscience Methods*	2008;169:231-238
Julkunen P et al.	Efficient reduction of stimulus artefact in TMS-EEG by epithelial short-circuiting by mini-punctures	*Clinical Neurophysiology*	2008;119:475-481
Finni T et al.	Mechanical behavior of the quadriceps femoris muscle tendon unit during low-load contractions	*Journal of Applied Physiology*	2008;104:1320-1328
Roman-Liu D & Konarska M	Characteristics of power spectrum density function of EMG during muscle contraction below 30%MVC	*Journal of Electromyography and Kinesiology*	2008;(in press)
Meigal AI et al.	Novel parameters of surface EMG in patients with Parkinson's disease and healthy controls	*Journal of Electromyography and Kinesiology*	2008;(in press)
Howe TE et al.	Quadriceps activity and physical activity profiles over long durations in patients with osteoarthritis of the knee and controls	*Journal of Electromyography and Kinesiology*	2008;(in press)
Dorel S et al.	Intra-session repeatability of lower limb muscles activation pattern during pedaling	*Journal of Electromyography and Kinesiology*	2008;(in press)
Shirasawa H et al.	Differences among lower leg muscles in long-term activity during ambulatory condition without any moderate to high intensity exercise	*Journal of Electromyography and Kinesiology*	2008;(in press)
Liikavainio T et al.	Reproducibility of loading measurements with skin-mounted accelerometers during walking	*Archives of Physical Medicine and Rehabilitation*	2007;88:907-15
Ceyte H et al.	Effect of Achilles tendon vibration on postural orientation	*Neuroscience Letters*	2007;416:71-75
Oksa J et al.	The effect of muscularity on thermal responses, muscle performance, and dexterity during whole body exposure to 10 °C	*Journal of Thermal Biology*	2007;32:28-33
Alamäki A et al.	Muscle tone in different joint positions and at submaximal isometric torque levels	*Physiological Measurement*	2007;28:793-802
Rissanen S et al.	Analysis of surface EMG signal morphology in Parkinson's disease	*Physiological Measurement*	2007;28:1507-1521
Finni T et al.	Measurement of EMG activity with textile electrodes	*Physiological Measurement*	2007;28:1405-1419
Lecompte J et al.	Agonist and antagonist EMG activity of neck muscles during maximal isometric flexion and extension at different positions in young healthy men and women	*Isokinetics and Exercise Science*	2007;15:29-36
Regueme SC et al.	Changes in illusory ankle movements induced by tendon vibrations during the delayed recovery phase of stretch-shortening cycle fatigue: An indirect study of muscle spindle sensitivity modifications	*Brain Research*	2007;1185:129-135
Xie H et al.	Mean frequency derived via Hilbert-Huang transform with application to fatigue EMG signal analysis	*Computer Methods and Programs in Biomedicine*	2006;82:114-120
Huffenus AF et al.	Effects of fatigue of elbow extensor muscles voluntarily induced and induced by electromyostimulation on multi-joint movement organization	*Neuroscience Letters*	2006;403:109-113
Hu M et al.	Myoelectrical manifestations of quadriceps fatigue during dynamic exercise differ in mono- and bi-articular muscles	*Biology of Sport*	2006;23:327-339
Lintu NS et al.	Reactions to cold exposure emphasize the need for weather protection in prehospital care: an experimental study	*Prehospital and Disaster Medicine*	2006;21:316-320
Huffenus AF et al.	Effects of distal and proximal arm muscles fatigue on multi-joint movement organization	*Experimental Brain Research*	2006;170:438-447

Laplaud D et al.	Reproducibility of eight lower limb muscles activity level in the course of an incremental pedaling exercise	*Journal of Electromyography and Kinesiology*	2006;16:158-166
Moshou D et al.	Dynamic muscle fatigue detection using self-organizing maps	*Applied Soft Computing*	2005;5:391-398
Janwantanakul P	Vastus lateralis vastus medialis obliquus muscle activity during the application of inhibition and facilitation taping techniques	*Clinical Rehabilitation*	2005;1912-19
Airaksinen MK et al.	Wireless on-line electromyography in recording neck muscle function: A pilot study	*Pathophysiology*	2005;12:303-306.
Haman F et al.	Effects of carbohydrate availability on sustained shivering II. Relating muscle recruitment to fuel selection	*Journal of Applied Physiology*	2004;96:41-49
Gibson J & McCarron T	Feedforward muscle activity: an investigation into the onset and activity of Internal oblique during two functional reaching tasks	*Journal of Bodywork and Movement Therapies*	2004;8:104-113
Haman F et al.	Fuel selection during intense shivering in humans: EMG pattern reflects carbohydrate oxidation	*The Journal of Physiology*	2004;556:305-313
Hostens I et al.	Validation of the wavelet spectral estimation technique in Biceps Brachii and Brachioradialis fatigue assessment during prolonged low-level static and dynamic contractions	*Journal of Electromyography and Kinesiology*	2004;4:205-215
Jonkers I et al.	Muscular effort in multiple sclerosis patients during powered wheelchair manoeuvres	*Clinical Biomechanics*	2004;19:929-938
Seghers J & Spaepen A	Muscle fatigue of the elbow flexor muscles during two intermittent exercise protocols with equal mean muscle loading	*Clinical Biomechanics*	2004;19:24-30
Roman-Liu D et al.	Quantitative assessment of upper limb muscle fatigue depending on the conditions of repetitive task load	*Journal of Electromyography and Kinesiology*	2004;14:671-682
Mäkinen TM et al.	Seasonal changes in thermal responses of urban residents to cold exposure	*Comparative Biochemistry and Physiology: Part A*	2004;139:229-238
Meigal AY et al.	Force control of isometric elbow flexion with visual feedback in cold with and without shivering	*Aviation, Space and Environmental Medicine*	2003;74:816-821
Ostojić S & Cifrek M	Computers in medicine: muscle fatigue evaluation using continuous wavelet transform	*Eurocon*	2003;2:185-187
Oksa J et al.	Combined effect of repetitive work and cold on muscle function and fatigue	*Journal of Applied Physiology*	2002;92:354-361
Leinonen V et al.	Paraspinal muscle responses during sudden upper limb loading	*European Journal of Applied Physiology*	2002;88:42-49
Kern DS et al.	Long-term activity in upper- and lower-limb muscles of humans	*Journal of Applied Physiology*	2001;91:2224-2232
Leinonen V et al.	Disc herniation-related back pain impairs feed-forward control of paraspinal muscles	*Spine*	2001;26:E367-E372
Sarti MA et al.	Response of the flexion-relaxation phenomenon relative to the lumbar motion to load and speed	*Spine*	2001;18:E421-E426
Ikegawa S et al.	Nonlinear time-course of lumbar muscle fatigue using recurrence quantifications	*Biological Cybernetics*	2000;82:373-382
Oksa J et al.	Stretch- and H-reflexes of the lower leg during whole body cooling and local warming	*Aviation, Space and Environmental Medicine*	2000;71:156-61
Komi PV et al.	Force and EMG power spectrum during eccentric and concentric actions	*Medicine & Science in Sports & Exercise*	2000;32:1757-1762
Cifrek M et al.	Measurement and analysis of surface myoelectric signals during fatigued cyclic dynamic contractions	*Measurement*	2000;27:85-92
Kellis E	The effects of fatigue on the resultant joint moment, agonist and antagonist electromyographic activity at different angles during dynamic knee extension efforts	*Journal of Electromyography and Kinesiology*	1999;9:191-199
Serrandor JM et al.	Physical activity is a major contributor to the ultra low frequency components of heart rate variability	*Heart*	1999;82:e9
Umezu Y et al.	Spectral electromyographic fatigue analysis of back muscles in healthy adult women compared with men	*Archives of Physical Medicine and Rehabilitation*	1998;79:536-538
Meigal AY et al.	Influence of cold shivering on fine motor control in the upper limb	*Acta Physiologica Scandinavica*	1998;163:41-47
Grucza R et al.	Physiological responses to cold in relation to the phase of the menstrual cycle and oral contraceptives	*Annals of the New York Academy of Sciences*	1997;813:697-701
Oksa J et al.	Muscle performance and electromyogram activity of the lower leg muscles with different levels of cold exposure	*European Journal of Applied Physiology*	1997;75:484-490
Havas E et al.	Lymph flow dynamics in exercising human skeletal muscle as detected by scintography	*Journal of Physiology*	1997;504;233-239
Meigal AY et al.	Head and body positions affect thermoregulatory tonus in deltoid muscles	*Journal of Applied Physiology*	1996;80:1397-1400
Rissanen S et al.	Effects of leg covering in humans on muscle activity and thermal responses in a cool environment	*European Journal of Applied Physiology*	1996;73:163-168
Oksa J et al.	EMG-activity and muscular performance of lower leg during stretch-shortening cycle after cooling	*Acta Physiologica Scandinavica*	1996;157:71-78
Oksa J et al.	Recovery of muscular performance by rewarming exercise in the cold	*Human Movement Science*	1996;15:591-603
Oksa J et al.	Cooling-induced changes in muscular performance and EMG activity of agonist and antagonist muscles	*Aviation, Space and Environmental Medicine*	1995;66:26-31
Bao S et al.	Normalizing upper trapezius EMG amplitude: Comparison of different procedures	*Journal of Electromyography and Kinesiology*	1995;5:251-257
Potts JT et al.	Cardiopulmonary baroreceptors modulate carotid baroreflex control of heart rate during dynamic exercise in humans	*American Journal of Physiology: Heart and Circulatory Physiology*	1995;268:H1567-H1576
Rauhala E et al.	Relaxation training combined with increased physical activity lowers the psychophysiological activation in community-home boys	*International Journal of Psychophysiology*	1990;10:63-68
Helin P et al.	Human urinary biogenic amines and some physiological responses during situation stress	*International Journal of Psychophysiology*	1988;6:125-132

Helin P et al.	Relaxation training affects success and activation on a teaching test	*International Journal of Psychophysiology*	1987;5:275-87
Remes A et al.	Fully rectified, integrated, band (FRIB-) EMG analysis in quantifying muscle activity. Development of a new field equipment.	*Acta Physiologica Scandinavica Supplementum*	1984;537:65-70
Xiao H et al.	Classification of surface EMG signal based on energy spectra change	*International Conference on BioMedical Engineering and Informatics*	2008;2:375-379
Naik GR et al.	Limitations and applications of ICA in facial sEMG and hand gesture sEMG for human computer interaction	*9th Biennial Conference of the Australian Pattern Recognition Society on Digital Image Computing Techniques and Applications*	2007:15-21
Finni T et al.	Validity, reliability and feasibility of measuring muscle activity with textile electrodes embedded into clothing	*Journal of Biomechanics*	2007;40:S217
Lyytinen T et al.	Postural control and muscle activity in men with knee osteoarthritis	*Osteoarthritis and Cartilage*	2007;15:C40
Rissanen S et al.	Extraction of typical features from surface EMG signals in Parkinson's disease	*11th International Congress of Parkinson's Disease and Movement Disorders, Istanbul, Turkey*	2007;
Arjunan SP at el.	Unspoken vowel recognition using facial electromyogram	*Proceedings of the 28th IEEE, EMBS Annual International Conference, New York, USA*	2006:2191-2194
Hakkarainen M et al.	Method for testing movement analysis laboratory measurement systems	*Gait & Posture*	2006;24S:S106-S107
Lintu N et al.	Usability of textile-integrated electrodes for EMG measurements	*International Scientific Conference Intelligent, Ambience and Well-Being, Proceedings, Tampere, Finland*	2005:64-69
Yang H-C et al.	Linear and non-linear features of surface EMG during fatigue and recovery period	*Proceedings of the 2005 IEEE Engineering in Medicine and Biology 27th Annual Conference, Shanghai, China*	2005:5804-5807
MacKinnon SN et al.	Effects of reach distance upon electromyographical activities of selected upper body musculature	*Proceedings of the XXth Congress of the International Society of Biomechanics, Cleveland, Ohio, USA*	2005:322-322
Piłsudski J	Influence of isometric pre-contraction on the effects of isokinetic motion	*Gait & Posture*	2005;22S:S46
Toivonen R et al.	An accelerometer based posture detection system	*Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Tampere, Finland*	1997:225-227
Vuskovic MI et al.	Classification of grasp modes based on electromyographic patterns of preshaping motions	*IEEE International Conference on Systems, Man and Cybernetics. Intelligent Systems for the 21st Century*	1995;1:89-95
Inoko Y et al.	Characteristics of the perioral muscle electromyographic activities during jaw functions in healthy young adults	*Prosthodontic Research & Practice*	2006;5:166-170
Tabe H et al.	Influence of functional appliances on masticatory muscle activity	*Angle Orthodontist*	2005;75:616-624
Chandu A et al.	Electromyographic activity of frontalis and sternocleidomastoid muscles in patients with temporomandibular disorders	*Journal of Oral Rehabilitation*	2005;32:571-576
Tomiyama N et al.	Electromyographic activity of lower lip muscles when chewing with the lips in contact and apart	*Angle Orthodontist*	2004;74:31-36
Chandu A et al.	The effect of an interocclusal appliance on bite force and masseter electromyography in asymptomatic subjects and patients with temporomandibular pain and dysfunction	*Journal of Oral Rehabilitation*	2004;31:530-537
Hiyama S et al.	Effects of experimental nasal obstruction on human masseter and suprahyoid muscle activities during sleep	*Angle Orthodontist*	2003;73:151-157
Hiyama S et al.	First night effect of an interocclusal appliance on nocturnal masticatory muscle activity	*Journal of Oral Rehabilitation*	2003;30:139-145
Ueda HM et al.	Effects of activator on masticatory muscle activity during daytime and sleep	*Journal of Oral Rehabilitation*	2003;30:1030-1035
Hiyama S et al.	Nocturnal masseter and suprahyoid muscle activity induced by wearing a bionator	*Angle Orthodontist*	2002;72;48-54
Saifuddin Md et al.	A quantitative electromyographic analysis of masticatory muscle activity in usual daily life	*Oral Diseases*	2001;7:94-100
Karppinen K et al.	Adjustment of dental occlusion in treatment of chronic cervicobrachial pain and headache	*Journal of Oral Rehabilitation*	1999;26:715-721
Oksanen A et al.	Neck muscle function and adolescent headache	*Annales Universitatis Turkuensis, Series D Medica – Odontologica*	2008;
Tarnanen SP et al.	Effect of isometric upper-extremity exercises on the activation of core stabilizing muscles	*Archives of Physical Medicine and Rehabilitation*	2008;89:513-21
Couillandre A et al.	Changes in balance and strength parameters induced by training on a motorised rotating platform: A study on healthy subjects	*Annales de Réadaptation et de Médecine Physique*	2008;51:67-73
Tagesson S et al.	A comprehensive rehabilitation program with quadriceps strengthening in closed versus open kinetic chain exercise in patients with anterior cruciate ligament deficiency	*The American Journal of Sports Medicine*	2008;36:298-307

Rao G et al.	Influence of additional load on the moments of the agonist and antagonist muscle groups at the knee joint during closed chain exercise	*Journal of Electromyography and Kinesiology*	2008;(in press)
Pitcher MJ et al.	Neuromuscular fatigue during a modified Biering/Sørensen test in subjects with and without low back pain	*Journal of Sports Science and Medicine*	2007;6:549-559
Bernasconi SM et al.	Changes in oxygen uptake, shoulder muscles activity, and propulsion cycle timing during strenuous wheelchair exercise	*Spinal Cord*	2007;45:468-474
Leinonen V et al.	Low back pain suppresses preparatory and triggered upper-limb activation after sudden upper-limb loading	*Spine*	2007;32:E150-E155
Ritvanen T et al.	Dynamic surface electromyographic responses in chronic low back pain treated by traditional bone setting and conventional physical therapy	*Journal of Manipulative and Physiological Therapeutics*	2007;30:31-37
Kvist J et al.	Changes in knee motion pattern after anterior cruciate ligament injury – A case report	*Clinical Biomechanics*	2007;22:551-556
Oksanen A et al.	Repeatability of electromyography and force measurements of the neck muscles in adolescents with and without headache	*Journal of Electromyography and Kinesiology*	2007;17:493-503
Oksanen A et al.	Neck flexor muscle fatigue in adolescents with headache – An electromyographic study	*European Journal of Pain*	2007;11:764-772
Kankaanpää M et al.	Back extensor muscle oxygenation and fatigability in healthy subjects and low back pain patients during dynamic back extension exertion	*Pathophysiology*	2005;2:267-273
Heinonen P et al.	Erector spinae SEMG activity during forward flexion and re-extension in ankylosing spondylitis patients	*Pathophysiology*	2005;12:289-293
Liu Y et al.	EMG recurrence quantifications in dynamic exercise	*Biological Cybernetics*	2004;90:337-348
Arokoski JP et al.	Activation of lumbar paraspinal and abdominal muscles during therapeutic exercises in chronic low back pain patients	*Archives of Physical Medicine and Rehabilitation*	2004;85:823-832
Levy CE et al.	Variable-ratio pushrim-activated power-assist wheelchair eases wheeling over a variety of terrains for elders	*Archives of Physical Medicine and Rehabilitation*	2004;85:104-12
Benjuya N	Aging-induced shifts from a reliance on sensory input to muscle cocontraction during balanced standing	*The Journals of Gerontology Series A: Biological Sciences and Medical Sciences*	2004;59:166-171
Johansson L et al.	The effect of wrist orthoses on forearm muscle activity	*Applied Ergonomics*	2004;35:129-136
Forestier N et al.	The effects of an ankle destabilization device on muscular activity while walking	*International Journal of Sports Medicine*	2004;26:464-470
La S-H et al.	Development of an exercise program to prevent low back pain using an ergonomic approach	*The International Journal of Advanced Manufacturing Technology*	2004;24:381-388
Tagesson S et al.	Passive and dynamic translation in the knee is not influenced by knee exercises in healthy individuals	*Scandinavian Journal of Medicine & Science in Sports*	2004;15:139-147
Leinonen V et al.	Lumbar paraspinal muscle function, perception of lumbar position, and postural control in disc herniation-related back pain	*Spine*	2003;28:842-848
Leinonen V et al.	Lumbar paraspinal muscle function, perception of lumbar position, and postural control in disc herniation-related back pain	*Spine*	2003;28:842-848
Leinonen V et al.	Paraspinal muscle denervation, paradoxically good lumbar endurance, and an abnormal flexion-extension cycle in lumbar spinal stenosis	*Spine*	2003;28:324-331
Henriksen M et al.	Test-retest reliability of trunk accelerometric gait analysis	*Gait & Posture*	2003;19:288-297
Pöyhönen T et al.	Effects of aquatic resistance training on neuromuscular performance in healthy women	*Medicine & Science in Sports & Exercise*	2002;34:2103-2109
Hales J et al.	Treatment of adult lumbar scoliosis with axial spinal unloading using the LTX3000 lumbar rehabilitation system	*Spine*	2002;27:E71-E79
Kvist J & Gillqvist J	Anterior positioning of tibia during motion after anterior cruciate ligament injury	*Medicine & Science in Sports & Exercise*	2001;33:1063-1072
Pöyhönen T et al.	Electromyographic and kinematic analysis of therapeutic knee exercises under water	*Clinical Biomechanics*	2001;16:496-504
Leinonen V et al.	Back and hip activities during trunk flexion/extension: effects of low back pain and rehabilitation	*Archives of Physical Medicine and Rehabilitation*	2000;81:32-37
Isakov E et al.	Trans-tibial amputee gait: time-distance parameters and EMG activity	*Prosthetics and Orthotics International*	2000;3:216-220
Arokoski JP et al.	Back and hip extensor muscle function during therapeutic exercises	*Archives of Physical Medicine and Rehabilitation*	1999;80:842-850
Pöyhönen T et al.	Human isometric force production and electromyogram activity of knee extensor muscles in water and on dry land	*European Journal of Applied Physiology*	1999;80:52-56
Kankaanpää M et al.	The efficacy of active rehabilitation in chronic low back pain	*Spine*	1999;24:1034-1042
Kankaanpää M et al.	Age, sex, and body mass index as determinants of back and hip extensor fatigue in the isometric Sørensen back endurance test	*Archives of Physical Medicine and Rehabilitation*	1998;79:1069-75
Kankaanpää M et al.	Reference change limits of the paraspinal spectral EMG in evaluation of low back pain rehabilitation	*Pathophysiology*	1998;5:217-224
Kankaanpää M et al.	Lumbar paraspinal muscle fatigability in repetitive isoinertial loading: EMG spectral indices, Borg scale and endurance time	*European Journal of Applied Physiology*	1997;76:236-242
Lucía A et al.	Electromyographic response to exercise in cardiac transplant patients – A new method for anaerobic threshold determination?	*Chest*	1997;111:1571-1576

Mooney V et al.	Relationships between myoelectric activity, strength and MRI of lumbar extensor muscles in back pain patients and normal subjects	*Journal of Spinal Disorders*	1997;10:348-356
Sarti MA et al.	Muscle activity in upper and lower rectus abdominus during abdominal exercises	*Archives of Physical Medicine and Rehabilitation*	1996;77:1293-1297
Kaljumäe U et al.	The effect of lengthening of the femur on the extensors of the knee. An electromyographic study	*Journal of Bone and Joint Surgery*	1995;77:247-250
Sihvonen T et al.	Averaged (RMS) surface EMG in testing back function	*Electromyography and Clinical Neurophysiology*	1988;28:335-339
Liikavainio T et al.	Impulsive loading and muscle pre-activation during level walking in men with knee osteoarthritis	*Gait & Posture*	2006;24S:S147-S149
Tarkka IM et al.	Learning a motor control task is not impaired in patients with chronic unilateral stroke: an approach with an EMG-controlled computer game	*Neurorehabilitation and Neural Repair*	2006;20:119
Fang H-G et al.	Comparison of lumbar muscle sEMG between health and LBP patients during dynamic back extensions	*Proceedings of the 2005 IEEE Engineering in Medicine and Biology 27th Annual Conference, Shanghai, China*	2005:7440-7443
Benjuya N	The effectiveness of heel-based replacement insoles on the kinetics and kinematics of locomotion	*Proceedings of the Fourth Symposium on Footwear Biomechanics, International Society of Biomechanics, Calgary, Canada*	1999:24-25
Kokko S-M et al.	Low back pain, lumbar extensor muscle fatigability and cardiorespiratory fitness of women in sedentary and non-sedentary occupations	*Proceedings of the 5th International Congress of the World Confederation for Physical Therapy, Yokohama, Japan*	1999;
Slawinski J et al.	Elite long sprint running: a comparison between incline and level training sessions	*Medicine & Science in Sports & Exercise*	2008;40:1155-1162
Sedliak M et al.	Diurnal variation in maximal and submaximal strength, power and neural activation of leg extensors in men: multiple sampling across two consecutive days	*International Journal of Sports Medicine*	2008;29:217-224
Vera-Garcia FJ et al.	Influence of trunk curl-up speed on muscular recruitment	*Journal of Strength and Conditioning Research*	2008;22:684-690
DiMenna FJ et al.	Influence of priming exercise on pulmonary O2 uptake kinetics during transitions to high-intensity exercise from an elevated baseline	*Journal of Applied Physiology*	2008;105:538-546
Abbiss CR et al.	Effect of carbohydrate ingestion and ambient temperature on muscle fatigue development in endurance-trained male cyclists	*Journal of Applied Physiology*	2008;104:1021-1028
Hug F et al.	Interindividual variability of electromyographic patterns and pedal force profiles in trained cyclists	*European Journal of Applied Physiology*	2008;(in press)
Chow JW et al.	Pre- and post-impact muscle activation in the tennis volley: effects of ball speed, ball size and side of the body	*British Journal of Sports Medicine*	2007;41:754-759
Samozino P et al.	Why does power output decrease at high pedaling rates during sprint cycling?	*Medicine & Science in Sports & Exercise*	2007;39:680-687
García-López D et al.	Effects of short vs. long rest period between sets on elbow-flexor muscular endurance during resistance training to failure	*Journal of Strength and Conditioning Research*	2007;21:1320-1324
Caty V et al.	Wrist stabilisation and forearm muscle coactivation during freestyle swimming	*Journal of Electromyography and Kinesiology*	2007;17:285-291
Jürimäe J et al.	Aerobic-anaerobic transition intensity measured via EMG signals in athletes with different physical activity patterns	*European Journal of Applied Physiology*	2007;101:341-346
Kvorning T et al.	Effects of vibration and resistance training on neuromuscular and hormonal measures	*European Journal of Applied Physiology*	2006;96:615-625
Zory R et al.	Fatigue induced by a cross-country skiing KO sprint	*Medicine & Science in Sports & Exercise*	2006;38:2144-2150
Mäestu J et al.	Electromyographic and neuromuscular fatigue thresholds as concepts of fatigue	*Journal of Strength and Conditioning Research*	2006;20:824-828
Hug F et al.	A comparison of visual and mathematical detection of the electromyographic threshold during incremental pedaling exercise: A pilot study	*Journal of Strength and Conditioning Research*	2006;20:704-708
Hug F et al.	Heterogeneity of muscle recruitment pattern during pedaling in professional road cyclists: a magnetic resonance imaging and electromyography study	*European Journal of Applied Physiology*	2004;92:334-342
Kyröläinen H et al.	Effects of power training on mechanical efficiency in jumping	*European Journal of Applied Physiology*	2004;91:155-159
Pokora I et al.	Relationships between electromyographic characteristics, mechanical work efficiency and body temperatures during running exercise test in men	*Journal of Human Kinetics*	2004;11:3-14
Umezu Y et al.	Muscle endurance and power spectrum of the triceps brachii in wheelchair marathon racers with paraplegia	*Spinal Cord*	2003;41:511-515
Baker J et al.	Power output of legs during high intensity cycle ergometry: influence of hand grip	*Journal of Science and Medicine in Sport*	2001;4:10-18
Mannion AF et al.	Active therapy for chronic low back pain	*Spine*	2001;26:897-908
Grimshaw PN et al.	Case report: reduction of low back pain in a professional golfer	*Medicine & Science in Sports & Exercise*	2000;32:1667-1673
Chicharro JL et al.	The salivary amylase, lactate and electromyographic response to exercise	*Japanese Journal of Physiology*	1999;49:551-554
Lucía A et al.	Analysis of the aerobic-anaerobic transition in elite cyclists during incremental exercise with the use of electromyography	*British Journal of Sports Medicine*	1999;33:178-185

Lucía A et al.	Physiological differences between professional and elite road cyclists	*International Journal of Sports Medicine*	1998;19:342-348
Turunen H et al.	Activation symmetry of right and left femoris muscles in untrained students, soccer players and elite runners	*Coaching and Sport Science Journal*	1996;1:20-24
Airaksinen O et al.	Real time evaluation of anaerobic threshold with RMS-EMG of working and nonworking muscles during incremental bicycle ergometer test	*Acupuncture & electrotherapeutics research*	1992;17:259-271
Hofmann P et al.	Heart rate threshold, lactate turn point and anaerobic threshold determination by electromyography	*Exercise Physiology*	1992;13-20
Yaodong G et al.	Finite element analysis of Achilles tendon in jumping phase	*Proceedings of the XXV International Symposium on Biomechanics in Sports, Ouro Preto, Brazil*	2007:278-281
Ribeiro E et al.	Electromyographic analysis of an abdominal exercise performed in trained (body-builders) and untrained subjects	*11th Annual Congress of the European College of Sport Science, Lausanne, Switzerland, Book of Abstracts*	2006:80-80
Marques FO et al.	Comparison of the vastus lateralis neuromuscular activity in cyclists and long-distance runners	*11th Annual Congress of the European College of Sport Science, Lausanne, Switzerland, Book of Abstracts*	2006:72-72
Pozzo R et al.	Loading conditions and neuromuscular activity during “turn movements” in alpine skiing and in a new ski simulator	*11th Annual Congress of the European College of Sport Science, Lausanne, Switzerland, Book of Abstracts*	2006:430-430
Tavares P et al.	Electromyographic analysis of biceps brachii and vastus lateralis muscle during an aerobic and an anaerobic cycling test in sprinters and long-distance runners	*11th Annual Congress of the European College of Sport Science, Lausanne, Switzerland, Book of Abstracts*	2006:276-276
Cicchella A et al.	Electromyographic threshold intensity in athletes with different physical activity patterns	*4th International Scientific Conference on Kinesiology, Opatija, Croatia*	2005;
Atalay M et al.	Electromyographic activity patters of static arm and dynamic leg muscle contractions in supramaximal test (Wingate test)	*Muscle Cell, An International Symposium & Practical Course, Kuopio, Finland*	1993;
Hyyppä S et al.	Application of surface electromyography in horses during physical exercise	*Conference on Equine Sports Medicine and Science*	1998;156-162
James JP	Field and laboratory analyses of manual tasks in the South African automotive industry	*Rhodes University*	2006;
Äng BO et al.	Impaired neck motor function and pronounced pain-related fear in helicopter pilots with neck pain – A clinical approach	*Journal of Electromyography and Kinesiology*	2008;18:538-549
Sovelius R et al.	Ambient temperature and neck EMG with +Gz loading on a trampoline	*Aviation, Space and Environmental Medicine*	2007;78:574-578
Escorpizo R & Moore A	The effects of cycle time on the physical demands of a repetitive pick-and-place task	*Applied Ergonomics*	2007;38:609-615
Village J et al.	Ergonomic analysis of postural and muscular loads to diagnostic sonographers	*International Journal of Industrial Ergonomics*	2007;37:781-789
Cabeças JM	The risk of distal upper limb disorder in cleaners: A modified application of the strain index method	*International Journal of Industrial Ergonomics*	2007;37:563-571
Matthews JD et al.	Effects of moving environments on the physical demands of heavy materials handling operators	*International Journal of Industrial Ergonomics*	2007;37:43-50
Escorpizo RS et al.	Quantifying precision and speed effects on muscle loading and rest in an occupational hand transfer task	*International Journal of Industrial Ergonomics*	2007;37:13-20
Sovelius R et al.	Trampoline exercise vs. strength training to reduce neck strain in fighter pilots	*Aviation, Space and Environmental Medicine*	2006;77:20-25
Sormunen E et al.	Muscular and cold strain of female workers in meatpacking work	*International Journal of Industrial Ergonomics*	2006;36:713-720
Lintula M et al.	Ergonomics and the usability of mechanical single-channel liquid dosage pipettes	*Journal of Industrial Ergonomics*	2006;36:257-263
Oksa J et al.	Changes in neuromuscular function due to intermittently increased workload during repetitive work in cold conditions	*Scandinavian Journal of Work, Environment & Health*	2006;32:300-309
Mäkinen TM et al.	Postural sway during single and repeated cold exposures	*Aviation, Space and Environmental Medicine*	2005;76:947-953
Thuresson M et al.	Mechanical load and EMG activity in the neck induced by different head-worn equipment and neck postures	*International Journal of Industrial Ergonomics*	2005;35:13-18
Thuresson M et al.	Intra-rater reliability of electromyographic recordings and subjective evaluation of neck muscle fatigue among helicopter pilots	*Journal of Electromyography and Kinesiology*	2005;15:323-331
Hostens I & Ramon H	Assessment of muscle fatigue in low level monotonous task performance during car driving	*Journal of Electromyography and Kinesiology*	2005;15:266–274
Leinonen V et al.	Back and neck extensor loading and back pain provocation in urban bus drivers with and without low back pain	*Pathophysiology*	2005;12:249-255
Brown H et al.	Erector spinae activity during three methods of lifting a baby car seat in postnatal women and matched controls	*Physiotherapy*	2004;90:204-209
de Oliveira CG et al.	Back muscle EMG of helicopter pilots in flight: effects of fatigue, vibration and posture	*Aviation, Space and Environmental Medicine*	2004;75:317-22
Nevala N et al.	Ergonomics and usability of an electrically adjustable shower trolley	*International Journal of Industrial Ergonomics*	2004;34:131-138
Sillanpää J et al.	A new table for work with a microscope – A solution to ergonomic problems	*Applied Ergonomics*	2003;34:621-628
Nevala N et al.	Reducing the physical load and strain of personal helpers through clothing redesign	*Applied Ergonomics*	2003;34:557-563

Gustafsson E & Hagberg M	Computer mouse use in two different hand positions: exposure, comfort, exertion and productivity	*Applied Ergonomics*	2003;34:107-113
Nevala-Puranen N et al.	Ergonomic intervention on neck, shoulder and arm symptoms of newspaper employees in work with visual display units	*International Journal of Industrial Ergonomics*	2003;31:1-10
Sillanpää J et al.	Muscular activity in relation to support of the upper extremity in work with a computer mouse	*International Journal of Human-Computer Interaction*	2003;15:391-406
Tsurumi K et al.	Estimation of energy expenditure during sedentary work with upper limb movement	*Journal of Occupational Health*	2002;44:408-413
Forsman M et al.	Activity in five muscles during joint securing using pneumatic nutrunners	*Industrial Ergonomics*	2002;29:21-32
Jonai H et al.	Effects of the liquid crystal display tilt angle of a notebook computer on posture, muscle activities and somatic complaints	*International Journal of Industrial Ergonomics*	2002;29:21-229
Berque P et al.	The influence of neck–shoulder pain on trapezius muscle activity among professional violin and viola players: An electromyographic study	*Medical Problems of Performing Artists*	2002;17:68-75
Lintula M et al.	Effects of Ergorest arm supports on muscle strain and wrist positions during the use of the mouse and keyboard in work with Visual Display Units: A work site intervention	*International Journal of Occupational Safety and Ergonomics*	2001;7:103-116
Sillanpää J et al.	An ergonomic aspect of substituting solvent-based glue in the upholstered furniture industry	*Gefahrstoffe – Reinhaltung der Luft*	2001;61:532-536
de Oliveira CG et al.	Lumbar back muscle activity of helicopter pilots and whole-body vibration	*Journal of Biomechanics*	2001;34:1309-1315
Lee C-M et al.	Biomechanical effects of wearing high-heeled shoes	*International Journal of Industrial Ergonomics*	2001;28:321-326
Oksa J et al.	Muscle fatigue caused by repeated aerial combat maneuvering exercise	*Aviation, Space and Environmental Medicine*	1999;70:556-560
Björing G et al.	Choice of handle characteristics for pistol grip power tools	*Industrial Ergonomics*	1999;24:647-656
Sillanpää J et al.	Decreasing the physical workload of construction work with the use of four auxiliary handling devices	*International Journal of Industrial Ergonomics*	1999;24:211-222
Fernström EAC & Åborg CM	Alterations in shoulder muscle activity due to changes in data entry organisation	*Industrial Ergonomics*	1999;23:231-240
Karlqvist L et al.	Computer mouse and track-ball operation - Similarities and differences in posture, muscular load and perceived exertion	*Industrial Ergonomics*	1999;23:157-169
Villanueva MBG et al.	Ergonomic aspects of portable personal computers with flat panel displays (PC-FPDs): evaluation of posture, muscle activities, discomfort and performance	*Industrial Health*	1998;36:282-289
Lappalainen J et al.	Effects of Gyproc ERGO plasterboard on the health and safety of workers – Pilot study	*Applied Occupational and Environmental Hygiene*	1998;13:698-703
Nevala-Puranen N et al.	Changes in hairdressers' work techniques and physical capacity during rehabilitation	*Occupational Ergonomics*	1998;1;259-268
Wells R et al.	Assessment of physical work load in epidemiologic studies: common measurement metrics for exposure assessment	*Ergonomics*	1997;40:51-61
Villanueva MBG et al.	Sitting posture and neck and shoulder muscle activities at different screen height settings of the visual display terminal	*Industrial Health*	1997;35:330-336
Nevala-Puranen N et al.	Physical strain and work ergonomics in farmers with disabilities	*International Journal of Occupational Safety and Ergonomics*	1997;3:77-88
Fernström E & Ericson MO	Computer mouse or Trackpoint - effects on muscular load and operator experience	*Applied Ergonomics*	1997;28:347-354
Oksa J et al.	Muscle strain during aerial combat maneuvering exercise	*Aviation, Space and Environmental Medicine*	1996;67:1138-43
Nevala-Puranen N et al.	Physical load and strain in parlor milking	*International Journal of Industrial Ergonomics*	1996;18:277-282
Duque J et al.	Evaluation of handgrip force from EMG measurements	*Applied Ergonomics*	1995;26:61-66
Hämäläinen O et al.	Effect of Gz forces and head movements on cervical erector spinae muscle strain	*Aviation, Space and Environmental Medicine*	1992;63:709-716
Tuure V-M	Determination of physical stress in agricultural work	*International Journal of Industrial Ergonomics*	1992;10:275-284
Ritvanen T et al.	Myoelectric activity differences in three learning sessions	*Proceedings of the 33rd Annual Congress of the Nordic Ergonomics Society, Tampere, Finland*	2001:171-174
Li L et al.	Prolonged standing and the effect of work surface compressibility on discomfort, tiredness, muscle fatigue and productivity	*Proceedings of the SELF-ACE 2001 Conference – Ergonomics for changing work, Montreal, Canada*	2001:146-148
Leppänen M et al.	Ergonomics evaluation of garden secateurs	*Global Ergonomics – Proceedings of the Ergonomics Conference, Cape Town, South Africa*	1998:383-387
Wells R et al.	Long-term monitoring of low back physical exposures	*Proceedings of the 12th Triennial Congress of the International Ergonomics Association, Toronto, Canada*	1994:150-152

Category	Subcategory	Device	Type
Methodology	Kinesiological Electromyography	-	review article
Methodology	Mathematical Theory of EMG	-	article
Methodology	Occupational EMG	-	article
Methodology	Electromyography	-	book
Methodology	Static Muscle Load	-	review article
Methodology	Back Fatigue	-	article
Methodology	EMG Interpretation	-	review article
Methodology	Surface EMG Recommendations	-	book
Methodology	EMG in Gait Analysis	-	review article
Methodology	EMG and Applications	-	book
Methodology	Parkinson's Disease	-	review article
Neuromuscular Research	Transcranial Magnetic Stimulation	ME6000	article
Neuromuscular Research	Osteoarthritis of the Knee	ME3000P	article
Neuromuscular Research	Transcranial Magnetic Stimulation	ME6000	article
Neuromuscular Research	Transcranial Magnetic Stimulation	ME6000	article
Neuromuscular Research	Transcranial Magnetic Stimulation	ME6000	article
Neuromuscular Research	Muscle-Tendon Mechanics	ME6000	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Parkinson's Disease Diagnosis with sEMG	ME6000	article
Neuromuscular Research	Osteoarthritis of the Knee	ME6000	article
Neuromuscular Research	EMG Repeatability Validation	ME6000	article
Neuromuscular Research	Daily Activities	ME3000P	article
Neuromuscular Research	Loading Measurement in Gait	ME6000	article
Neuromuscular Research	Postural Control	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	ME3000P	article
Neuromuscular Research	Muscle Tone	ME3000P	article
Neuromuscular Research	Parkinson's Disease Diagnosis with sEMG	ME6000	article
Neuromuscular Research	Textile-Integrated EMG Electrodes	ME6000	article
Neuromuscular Research	Gender Differences in Neck Muscle Activation	ME6000	article
Neuromuscular Research	Proprioception	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME6000	article
Neuromuscular Research	Muscle Function in Cold	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article

Neuromuscular Research	EMG Repeatability Validation	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Muscle Taping	ME3000P	article
Neuromuscular Research	Neck Pain and Wireless sEMG	ME6000	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000	article
Neuromuscular Research	Proprioception	ME3000P	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Multiple Sclerosis	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000P	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	ME4001	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	ME3000P	article
Neuromuscular Research	Prior Information and Muscle Function	ME3000P	article
Neuromuscular Research	Long Term EMG	ME3000P	article
Neuromuscular Research	Disc Herniation and Motor Control	ME3000P	article
Neuromuscular Research	Lumbar Muscles	ME3000	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	Isometric Exercise	Megawin	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	EMG and Heart Rate Variability	ME3000P	article
Neuromuscular Research	Fatigue Analysis	ME3000P	article
Neuromuscular Research	Thermoregulation, Shivering	ME4000	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	Lymph Flow and Exercise	ME3000P	article
Neuromuscular Research	Thermoregulation, Shivering	ME3000P	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	Muscle Function in Cold	MESPEC 4001	article
Neuromuscular Research	EMG Normalization	MESPEC 4000	article
Neuromuscular Research	Cardiopulmonary Effects of Exercise	MESPEC 4000	article
Neuromuscular Research	Stress	ME1010	article
Neuromuscular Research	Stress	ME1010	article

Neuromuscular Research	Stress	ME1010	article
Neuromuscular Research	Development of EMG Equipment	ME1010	article
Neuromuscular Research	Fatigue Analysis	Muscle Trainer	abstract
Neuromuscular Research	Human Computer Interaction	ME6000	abstract
Neuromuscular Research	Textile-Integrated EMG Electrodes	ME6000	abstract
Neuromuscular Research	Osteoarthritis of the Knee	ME6000	abstract
Neuromuscular Research	Parkinson's Disease Diagnosis with sEMG	ME6000	abstract
Neuromuscular Research	Human Computer Interaction	ME6000	abstract
Neuromuscular Research	Motion Analysis	ME6000	abstract
Neuromuscular Research	Textile-Integrated EMG Electrodes	ME6000	abstract
Neuromuscular Research	Fatigue Analysis	ME3000P	abstract
Neuromuscular Research	Trunk and Arm Muscles in Pulling Movements	ME3000P	abstract
Neuromuscular Research	Muscle Pre-Stretch and Isokinetics	ME3000P	abstract
Neuromuscular Research	Postural Control	ME3000P	abstract
Neuromuscular Research	Human Computer Interaction	ME3000P	abstract
Oral Physiology	Masticatory Muscles	ME3000P	article
Oral Physiology	Masticatory Muscles	ME3000P	article
Oral Physiology	Dental Interocclusal Appliance	ME1020	article
Oral Physiology	Masticatory Muscles	ME3000P	article
Oral Physiology	Dental Interocclusal Appliance	ME1020	article
Oral Physiology	Masticatory Muscles	ME3000P	article
Oral Physiology	Dental Interocclusal Appliance	ME3000	article
Oral Physiology	Dental Interocclusal Appliance	ME3000P	article
Oral Physiology	Dental Interocclusal Appliance	ME3000	article
Oral Physiology	Masticatory Muscles	ME3000P	article
Oral Physiology	Dental Interocclusal Appliance	ME1010	article
Rehabilitation	Headache	ME8000P	PhD thesis
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Posture Rehabilitation	ME3000P	article
Rehabilitation	Knee Rehabilitation	MESPEC 4000	article

Rehabilitation	Closed Kinetic Chain Exercise	ME3000P	article
Rehabilitation	Back Pain and Fatigue	ME3000P	article
Rehabilitation	Wheelchairs	ME3000P	article
Rehabilitation	Low Back Pain	ME6000	article
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Knee Rehabilitation	MESPEC 4000	article
Rehabilitation	Headache	ME8000P	article
Rehabilitation	Headache	ME8000P	article
Rehabilitation	Low Back Pain	MC-1M	article
Rehabilitation	Ankylosing Spondylitis	ME3000P	article
Rehabilitation	Fatigue Analysis	MC-1M	article
Rehabilitation	Low Back Pain	ME4000	article
Rehabilitation	Wheelchairs	MESPEC 4000	article
Rehabilitation	Postural Control	ME3000	article
Rehabilitation	Orthoses	MESPEC 4000	article
Rehabilitation	Ankle Destabilizer	ME3000P	article
Rehabilitation	Low Back Pain	ME300	article
Rehabilitation	Knee Rehabilitation	MESPEC 4000	article
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Gait Analysis with Spine-Attached Accelerometers	ME3000	article
Rehabilitation	Aquatic Resistance Training	MESPEC 4000	article
Rehabilitation	Scoliosis	ME3000P	article
Rehabilitation	Knee Rehabilitation	MESPEC 4000	article
Rehabilitation	Underwater EMG	ME4001	article
Rehabilitation	Low Back Pain	ME4000	article
Rehabilitation	Amputee Gait Analysis	ME3000	article
Rehabilitation	Low Back Pain	ME3000P	article
Rehabilitation	Underwater EMG	ME4000	article
Rehabilitation	Low Back Pain	MC-1M	article
Rehabilitation	Fatigue Analysis	ME3000P	article
Rehabilitation	Low Back Pain	MC-1M	article
Rehabilitation	Low Back Pain	MC-1M	article
Rehabilitation	Anaerobic Threshold by sEMG	ME3000P	article

Rehabilitation	Back Pain and Muscle Strength	ME3000	article
Rehabilitation	Abdominal Exercise	ME3000	article
Rehabilitation	Femur Lengthening	ME3000P	article
Rehabilitation	sEMG Validation	ME1010	article
Rehabilitation	Muscle Loading in Osteoarthritis of the Knee	ME6000	abstract
Rehabilitation	Stroke	ME6000	abstract
Rehabilitation	Low Back Pain	ME4000	abstract
Rehabilitation	Orthoses	ME3000	abstract
Rehabilitation	Low Back Pain	MC-1M	abstract
Sports Physiology	Incline Running Training	ME6000	article
Sports Physiology	Muscular Performance	ME6000	article
Sports Physiology	Abdominal Exercise	ME3000P	article
Sports Physiology	Priming Exercise	ME3000P	article
Sports Physiology	Fatigue Analysis	ME3000P	article
Sports Physiology	EMG and Force Relationship	ME6000	article
Sports Physiology	Tennis	MESPEC 4000	article
Sports Physiology	EMG in Cycling	ME3000P	article
Sports Physiology	Muscle Endurance	ME6000	article
Sports Physiology	Wrist Function in Swimming	ME3000P	article
Sports Physiology	Anaerobic Threshold by sEMG	ME3000P	article
Sports Physiology	Whole Body Vibration	ME300	article
Sports Physiology	Skiing	ME3000P	article
Sports Physiology	Fatigue Threshold in Rowers	ME3000P	article
Sports Physiology	Anaerobic Threshold by sEMG	ME3000P	article
Sports Physiology	EMG in Cycling	ME3000P	article
Sports Physiology	Muscular Performance	MESPEC 4000	article
Sports Physiology	Skin Temperature Effect on sEMG	ME3000P	article
Sports Physiology	Muscle Endurance	ME3000P	article
Sports Physiology	Muscular Performance	ME3000	article
Sports Physiology	Fatigue Analysis	MC-1M	article
Sports Physiology	Low Back Pain in Golf	ME3000P	article
Sports Physiology	Anaerobic Threshold by sEMG	ME3000P	article
Sports Physiology	Anaerobic Threshold by sEMG	ME3000P	article

Sports Physiology	Pulmonary and Muscular Performance of Cyclists	ME3000P	article
Sports Physiology	Side Differences	ME3000	article
Sports Physiology	Anaerobic Threshold by sEMG	ME1010	article
Sports Physiology	sEMG Analysis of Anaerobic Muscle	ME3000	article
Sports Physiology	Ankle Modeling	ME6000	abstract
Sports Physiology	Abdominal Exercise	ME3000	abstract
Sports Physiology	Wingate Test	ME3000	abstract
Sports Physiology	Development of a Ski Simulator	ME3000	abstract
Sports Physiology	Wingate Test	ME3000	abstract
Sports Physiology	Anaerobic Threshold by sEMG	ME3000P	abstract
Sports Physiology	Performance Analysis	ME3000	abstract
Veterinary Physiology	Horse Muscle Function during Exercise	ME3000P	article
Work Medicine	Car Factory	ME3000P	PhD thesis
Work Medicine	Helicopter Pilots	MESPEC 4000	article
Work Medicine	Muscular Strain in Cold	ME3000P	article
Work Medicine	Manual Tasks	ME3000P	article
Work Medicine	Ergonomics of Diagnostic Ultrasound	ME3000P	article
Work Medicine	Cleaners	ME6000	article
Work Medicine	Sailing	ME3000P	article
Work Medicine	Repetitive Hand Work	ME3000P	article
Work Medicine	Fighter Pilots	ME3000P	article
Work Medicine	Muscular Strain in Cold	ME3000P	article
Work Medicine	Pipettes	ME3000P	article
Work Medicine	Muscular Strain in Cold	ME3000P	article
Work Medicine	Postural Sway in Cold	ME6000	article
Work Medicine	Helicopter Pilots	MESPEC 4000	article
Work Medicine	Helicopter Pilots	MESPEC 4000	article
Work Medicine	Car Driving	ME3000P	article
Work Medicine	Bus Driving	ME3000P	article
Work Medicine	Baby Car Seat Lifting	ME3000P	article
Work Medicine	Helicopter Pilots	ME3000P	article
Work Medicine	Shower Trolley	ME3000P	article
Work Medicine	Microscope Table	ME3000P	article
Work Medicine	Ergonomic Clothes	ME3000P	article

Work Medicine	Computers	ME3000P	article
Work Medicine	Newspaper Making	ME3000P	article
Work Medicine	Wrist and Forearm Support	ME3000P	article
Work Medicine	Sedentary Work	ME3000P	article
Work Medicine	Power Tools	MESPEC 4000	article
Work Medicine	Notebook Ergonomics	ME3000P	article
Work Medicine	Violin Players	ME3000P	article
Work Medicine	Computers	ME3000P	article
Work Medicine	Glue Gun	ME4000	article
Work Medicine	Helicopter Pilots	ME3000P	article
Work Medicine	High-Heeled Shoes	ME3000	article
Work Medicine	Fighter Pilots	ME3000P	article
Work Medicine	Power Tools	MESPEC 4000	article
Work Medicine	Construction Work	ME4000	article
Work Medicine	Work Task Variation	ME3000	article
Work Medicine	Computers	ME4001	article
Work Medicine	Computers	ME3000P	article
Work Medicine	Construction Work	ME4000	article
Work Medicine	Hairdressers	ME3000P	article
Work Medicine	Work Exposure Assessment	ME3000P	article
Work Medicine	Computers	ME3000P	article
Work Medicine	Farming	ME3000P	article
Work Medicine	Computers	ME3000	article
Work Medicine	Fighter Pilots	ME3000P	article
Work Medicine	Cow Milking	ME3000P	article
Work Medicine	EMG and Force Relationship	ME3000	article
Work Medicine	Fighter Pilots	ME3000	article
Work Medicine	Farming	ME3000	article
Work Medicine	Computers	ME3000P	abstract
Work Medicine	Leg Muscle Fatigue and Carpet Firmness	ME3000P	abstract
Work Medicine	Gardening	ME3000P	abstract
Work Medicine	Spine Load in Complex Work Tasks	ME3000P	abstract