

Roland Kadefors

List of Publications by Citations

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69

papers

2,824

citations

32

h-index

52

g-index

78

ext. papers

3,011

ext. citations

3.1

avg, IF

4.33

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 69 | Psychophysiological stress and EMG activity of the trapezius muscle. <i>International Journal of Behavioral Medicine</i> , 1994 , 1, 354-70 | 2.6 | 229 |
| 68 | Effects of experimentally induced mental and physical stress on motor unit recruitment in the trapezius muscle. <i>Work and Stress</i> , 2002 , 16, 166-178 | 6.1 | 122 |
| 67 | Shoulder pain in industry: an epidemiological study on welders. <i>Acta Orthopaedica</i> , 1981 , 52, 299-306 | | 115 |
| 66 | Subjective and objective evaluation of shoulder muscle fatigue. <i>Ergonomics</i> , 1994 , 37, 1323-33 | 2.9 | 113 |
| 65 | Clinical signs and physical function in neck and upper extremities among elderly female computer users: the NEW study. <i>European Journal of Applied Physiology</i> , 2006 , 96, 136-45 | 3.4 | 101 |
| 64 | Psychophysiological stress responses, muscle tension, and neck and shoulder pain among supermarket cashiers.. <i>Journal of Occupational Health Psychology</i> , 1999 , 4, 245-255 | 5.7 | 101 |
| 63 | Electromyographic analysis of shoulder muscle load. <i>Journal of Orthopaedic Research</i> , 1984 , 1, 379-86 | 3.8 | 97 |
| 62 | Intramuscular pressure and electromyography in four shoulder muscles. <i>Journal of Orthopaedic Research</i> , 1991 , 9, 609-19 | 3.8 | 91 |
| 61 | Arm positioning in manual tasks. An electromyographic study of localized muscle fatigue. <i>Ergonomics</i> , 1980 , 23, 655-65 | 2.9 | 91 |
| 60 | Trapezius muscle rest time during standardised computer work--a comparison of female computer users with and without self-reported neck/shoulder complaints. <i>Journal of Electromyography and Kinesiology</i> , 2007 , 17, 420-7 | 2.5 | 81 |
| 59 | Neuromuscular assessment in elderly workers with and without work related shoulder/neck trouble: the NEW-study design and physiological findings. <i>European Journal of Applied Physiology</i> , 2006 , 96, 110-21 | 3.4 | 71 |
| 58 | Hand prosthesis control via myoelectric patterns. <i>Acta Orthopaedica</i> , 1973 , 44, 389-409 | | 70 |
| 57 | Voluntary redistribution of muscle activity in human shoulder muscles. <i>Ergonomics</i> , 1995 , 38, 806-15 | 2.9 | 65 |
| 56 | Electromyogram mean power frequency in non-fatigued trapezius muscle. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990 , 61, 362-9 | | 61 |
| 55 | Shoulder Pain and Heavy Manual Labor. <i>Clinical Orthopaedics and Related Research</i> , 1984 , &NA;, 166-178 | | 61 |
| 54 | A cube model for the classification of work with hand tools and the formulation of functional requirements. <i>Applied Ergonomics</i> , 1993 , 24, 212-20 | 4.2 | 57 |
| 53 | Effects of ambulant myofeedback training and ergonomic counselling in female computer workers with work-related neck-shoulder complaints: a randomized controlled trial. <i>Journal of Occupational Rehabilitation</i> , 2007 , 17, 137-52 | 3.6 | 56 |

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| 52 | Recruitment of low threshold motor-units in the trapezius muscle in different static arm positions. <i>Ergonomics</i> , 1999 , 42, 359-75 | 2.9 | 54 |
| 51 | An approach to ergonomics evaluation of hand tools. <i>Applied Ergonomics</i> , 1993 , 24, 203-11 | 4.2 | 54 |
| 50 | Musculoskeletal symptoms, ergonomic aspects and psychosocial factors in two different truck assembly concepts. <i>International Journal of Industrial Ergonomics</i> , 1993 , 12, 35-48 | 2.9 | 53 |
| 49 | Intramuscular pressure in the supraspinatus muscle. <i>Journal of Orthopaedic Research</i> , 1988 , 6, 230-8 | 3.8 | 51 |
| 48 | Ergonomic evaluation of complex work: a participative approach employing video-computer interaction, exemplified in a study of order picking. <i>International Journal of Industrial Ergonomics</i> , 2000 , 25, 435-445 | 2.9 | 49 |
| 47 | Consequences of trapezius relaxation on the distribution of shoulder muscle forces: an electromyographic study. <i>Journal of Electromyography and Kinesiology</i> , 1998 , 8, 185-93 | 2.5 | 48 |
| 46 | The effect of light manual precision work on shoulder muscles--an EMG analysis. <i>Journal of Electromyography and Kinesiology</i> , 1998 , 8, 177-84 | 2.5 | 47 |
| 45 | A non-invasive measure of changes in blood flow in the human anterior tibial muscle. <i>European Journal of Applied Physiology</i> , 2001 , 84, 448-52 | 3.4 | 45 |
| 44 | Tool design, user characteristics and performance: a case study on plate-shears. <i>Applied Ergonomics</i> , 1993 , 24, 221-30 | 4.2 | 45 |
| 43 | Electromyographic changes in work-related myalgia of the trapezius muscle. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992 , 65, 251-7 | | 34 |
| 42 | Assessment of workload and arm position during different work sequences: a study with portable devices on construction workers. <i>Applied Ergonomics</i> , 1999 , 30, 495-503 | 4.2 | 33 |
| 41 | Ergonomics in parallelized car assembly: a case study, with reference also to productivity aspects. <i>Applied Ergonomics</i> , 1996 , 27, 101-10 | 4.2 | 33 |
| 40 | Psychophysiological stress responses, muscle tension, and neck and shoulder pain among supermarket cashiers. <i>Journal of Occupational Health Psychology</i> , 1999 , 4, 245-55 | 5.7 | 33 |
| 39 | Motor-unit recruitment in the trapezius muscle during arm movements and in VDU precision work. <i>International Journal of Industrial Ergonomics</i> , 1999 , 24, 619-630 | 2.9 | 32 |
| 38 | Myofeedback training and intensive muscular strength training to decrease pain and improve work ability among female workers on long-term sick leave with neck pain: a randomized controlled trial. <i>International Archives of Occupational and Environmental Health</i> , 2011 , 84, 335-46 | 3.2 | 31 |
| 37 | Musculoskeletal symptoms due to technical preconditions in long cycle time work in an automobile assembly plant: a study of prevalence and relation to psychosocial factors and physical exposure. <i>Applied Ergonomics</i> , 1999 , 30, 443-53 | 4.2 | 30 |
| 36 | Working on a moving surface--a biomechanical analysis of musculo-skeletal load due to ship motions in combination with work. <i>Ergonomics</i> , 1994 , 37, 345-62 | 2.9 | 30 |
| 35 | Has the participation of older employees in the workforce increased? Study of the total Swedish population regarding exit from working life. <i>Scandinavian Journal of Public Health</i> , 2016 , 44, 506-16 | 3 | 27 |

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| 34 | Changes in cognitive-behavioral factors and muscle activation patterns after interventions for work-related neck-shoulder complaints: relations with discomfort and disability. <i>Journal of Occupational Rehabilitation</i> , 2007 , 17, 593-609 | 3.6 | 23 |
| 33 | Intramuscular Pressure and Electromyography in the Supraspinatus Muscle at Shoulder Abduction. <i>Clinical Orthopaedics and Related Research</i> , 1989 , &NA;, 102??109 | 2.2 | 22 |
| 32 | Variability of the EMG mean power frequency: A study on the trapezius muscle. <i>Journal of Electromyography and Kinesiology</i> , 1991 , 1, 237-43 | 2.5 | 21 |
| 31 | Measurement of localized muscle fatigue in building work. <i>Ergonomics</i> , 1981 , 24, 695-709 | 2.9 | 21 |
| 30 | Are changes in pain induced by myofeedback training related to changes in muscle activation patterns in patients with work-related myalgia?. <i>European Journal of Applied Physiology</i> , 2006 , 96, 209-13 ⁴ | 3.4 | 20 |
| 29 | Analysis of serious occupational accidents in Swedish fishery. <i>Safety Science</i> , 1995 , 21, 93-111 | 5.8 | 20 |
| 28 | Psychosocial work conditions, perceived stress, perceived muscular tension, and neck/shoulder symptoms among medical secretaries. <i>International Archives of Occupational and Environmental Health</i> , 2013 , 86, 57-63 | 3.2 | 17 |
| 27 | Motor unit recruitment in the trapezius muscle with special reference to coarse arm movements. <i>Journal of Electromyography and Kinesiology</i> , 2001 , 11, 207-16 | 2.5 | 17 |
| 26 | Energizing implantable transmitters by means of coupled inductance coils. <i>IEEE Transactions on Biomedical Engineering</i> , 1969 , 16, 177-83 | 5 | 16 |
| 25 | Social inequality in working life expectancy in Sweden. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2019 , 52, 52-61 | 2.7 | 16 |
| 24 | Employers' Attitudes Toward Older Workers and Obstacles and Opportunities for the Older Unemployed to Reenter Working Life. <i>Nordic Journal of Working Life Studies</i> , 2012 , 2, 29 | 1 | 14 |
| 23 | Musculo-skeletal symptoms and signs and isometric strength among fishermen. <i>Ergonomics</i> , 1990 , 33, 1155-70 | 2.9 | 12 |
| 22 | Work related perceived stress and muscle activity during standardized computer work among female computer users. <i>Work</i> , 2009 , 32, 189-99 | 1.6 | 11 |
| 21 | Activity in five muscles during joint securing using pneumatic nutrunners. <i>International Journal of Industrial Ergonomics</i> , 2002 , 29, 21-32 | 2.9 | 11 |
| 20 | Occupation, gender and work-life exits: a Swedish population study. <i>Ageing and Society</i> , 2018 , 38, 1332-1349 | 3.9 | 10 |
| 19 | Prognostic factors for the effects of two interventions for work-related neck-shoulder complaints: myofeedback training and ergonomic counselling. <i>Applied Ergonomics</i> , 2008 , 39, 743-53 | 4.2 | 10 |
| 18 | EMG mean power frequency: Obtaining a reference value. <i>Clinical Biomechanics</i> , 1994 , 9, 253-7 | 2.2 | 10 |
| 17 | Attitudes Among Male and Female University Professors, and other Categories of University Employees, to Working up to and Beyond Normal retirement age. <i>Nordic Journal of Working Life Studies</i> , 2016 , 6, 133 | 1 | 7 |

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| 16 | An ergonomic study on plate shears, applying physical, physiological and psychophysical methods. <i>International Journal of Industrial Ergonomics</i> , 1994 , 14, 349-364 | 2.9 | 6 |
| 15 | Controlled external powering of miniaturized chronically implanted biotelemetry devices. <i>IEEE Transactions on Biomedical Engineering</i> , 1976 , 23, 124-9 | 5 | 6 |
| 14 | Telemedicine services: from idea to implementation. <i>Journal of Telemedicine and Telecare</i> , 2010 , 16, 291-88 | 6.8 | 5 |
| 13 | Prognostic factors for intervention effect on neck/shoulder symptom intensity and disability among female computer workers. <i>Journal of Occupational Rehabilitation</i> , 2009 , 19, 300-11 | 3.6 | 5 |
| 12 | A comparison of materials for percutaneous connectors. <i>Annals of Biomedical Engineering</i> , 1974 , 2, 274-88 | 4.7 | 4 |
| 11 | The capability of organizations to manage delayed retirement. <i>Journal of Organizational Effectiveness</i> , 2020 , 7, 38-51 | 2.6 | 4 |
| 10 | Synchronized exposure and image presentation: Analysis of digital EMG and video recordings of work sequences. <i>International Journal of Industrial Ergonomics</i> , 1999 , 24, 261-272 | 2.9 | 3 |
| 9 | Prognostic factors for the effect of a myofeedback-based teletreatment service. <i>Journal of Telemedicine and Telecare</i> , 2010 , 16, 336-43 | 6.8 | 2 |
| 8 | Editorial introduction. <i>Technology and Health Care</i> , 1995 , 3, 1 | 1.1 | 2 |
| 7 | Medical engineering education in Sweden with reference to other Nordic countries. <i>Journal of Medical Engineering and Technology</i> , 1977 , 1, 199-202 | 1.8 | 2 |
| 6 | We don't talk about age—a study of human resources retirement narratives. <i>Ageing and Society</i> , 1-27 | 1.7 | 0 |
| 5 | Motor-Unit Recruitment in the Trapezius Muscle during a Computer Typing Task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000 , 44, 640-643 | 0.4 | |
| 4 | Aspects of Automatic Control in Health Care Delivery. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1978 , 11, 2217-2219 | | |
| 3 | Organisational Capability for Delayed Retirement. <i>International Perspectives on Aging</i> , 2022 , 221-232 | 0.5 | |
| 2 | EMG alterations at sustained contractions with special emphasis on applications in ergonomics 2017 , 163-182 | | |
| 1 | O3D.5 National policies and social inequalities in exit paths from working life in sweden. <i>Occupational and Environmental Medicine</i> , 2019 , 76, A28.3-A29 | 2.1 | |