

7. References:

- Aazami, S., Shamsuddin, K., Akmal, S., and Azami, G. (2015): The relationship between job satisfaction and psychological/ physical health among Malaysian working women. *The Malaysian journal of medical sciences*; **22(4)**: 40-46.
- Abareshi, F., Yarahmadi, R., Solhi, M., and Farshad, A.A. (2015): Educational intervention for reducing work-related musculoskeletal disorders and promoting productivity. *International Journal of Occupational Safety and Ergonomics*; **21(4)**:480-485.
- Abidin, N.Z., and Adam, M.B. (2013): Prediction of vertical jump height from anthropometric factors in male and female martial arts athletes. *The Malaysian journal of medical sciences*; **20(1)**: 39-45.
- Aghilinejad, M., Javad, M.S.A., Nouri, M.K., Ahmadi, A.B. (2012): Work-related musculoskeletal complaints among workers of Iranian aluminum industries. *Arch Environ Occup Health*; **7(3)**.
- Aghilinejad, M., Mokamelkhah, E. K., Mohammad, H. N. K., Ahmadi, A.B., Atefeh, D. (2016): Assessment of Pulmonary Function Parameters and Respiratory Symptoms in Shipyard Workers of Asaluyeh City, Iran. *Tanaffos*; **15(2)**: 108–111.
- Ahmed, M.S., Neyaz, A., Aslami, A.N. (2016): Health-related quality of life of chronic obstructive pulmonary disease patients: Results from a community based cross-sectional study in Aligarh, Uttar Pradesh, India. *Lung India: official organ of Indian Chest Society*; **33(2)**: 148-153.
- Applied Ergonomics; **31**: 201-205.
- Armstrong, M. (2009): Achieving excellence through people and productivity: Management service. *Journal of the Institute of Management Services*; **53(2)**: 1- 47.
- Avlund, K. (2013): Fatigue in older populations. *Fatigue: Biomedicine, Health & Behavior*; **1(1-2)**: 43-63.
- Ayub, Y. and Shah, Z. (2018): Assessment of Work Related Musculoskeletal Disorders in Manufacturing Industry. *Journal of Ergonomics*; **08(03)**: 1-6.
- Baeka, H., Songa, S., Leea, D., Pyoa, S., Shinb, D., Leeb, G. (2017): Musculoskeletal diseases of heavy industrial workers. *Phys Ther Rehabil Sci*; **6 (2)**: 71-76
- Bagordo, F., De Donno, A., Grassi, T., Guido, M., Devoti, G., Ceretti, E., and Salvatori, T. (2017): Lifestyles and socio-cultural factors among children aged 6–8 years from five Italian towns: the MAPEC_LIFE study cohort. *BMC public health*; **17(1)**:233.
- Bailey, K.V. and Ferro-Luzi, A. (1995): Use of Body Mass Index adult in assessing

- individual and community nutritional status. *Bull WHO*; **73(5)**: 673-680.
- Bandyopadhyay L. (2012): Musculoskeletal and Other Health Problems in Workers of Small Scale Garment Industry – An Experience from An Urban Slum, Kolkata. *IOSR Journal of Dental and Medical Sciences* 2(6):23-28
- Banik, S.D. (2012): Health and nutritional status of three adult male populations of Eastern India: an anthropometric appraisal. *Italian journal of public health*; **6(4)**: 294-302.
- Baranski, J., and Baranski, A.A. (2014): Effect of coating over the handle of a drill machine on vibration transmissibility. *Applied ergonomics*; **45(2)**: 239-246.
- Barondess. J.A., Cullen, M., de Lateur, B., Deyo, R., Donaldson, K., Drury, C., ...and Kroenke, K. Musculoskeletal disorders and the workplace: low back and upper extremities. Washington, DC: *National Academy of Sciences*; **2001**:1-512.
- Basmajian, J.V. and De Luca, C.J. (1985) *Muscle Alive; Their Functions Revealed by Electromyography*, William & Wilkins 5th edition
- Bennett, C., Alexandre, M., Jacobs, K. (2006): Developing hands-on ergonomics lessons for youth (No. UCRL-CONF-219210). Lawrence Livermore National Laboratory (LLNL), Livermore, CA.
- Beshir, S., Aziz, H., Shaheen, W., Eltahlawy, E. (2015): Serum levels of Copper, Ceruloplasmin and Angiotensin converting enzyme among Silicotic and Non-Silicotic workers. *Open access Macedonian journal of medical sciences*; **3(3)**: 467-473.
- Bhairahawa, N. (2013). Evaluation of pulmonary function tests on non smoking traffic police men at Tirupati, AP, India. *Int J Physiother Res*; **1(5)**: 279-82.
- Bhattacharya, N., Baruah, S.C., Chakraborti, D. (2008): Ergonomic Intervention to reduce physiological stress of tea pluckers. Proceeding of International Conference of Ergonomics-Humanizing Work & Working Environment (HWWE), Pune, pp485-490.
- Bhattacharyya, N. and Chakrabarti, D. (2016): Ergonomics-A Way to Occupational Wellness of Workers Engaged in Industrial Activities: Specific Reference to Assam. *J Ergonomics*; 6:3.
- Binagwaho, A., Agbonyitor, M., Rukundo, A., Ratnayake, N., Ngabo, F., Kayumba, J., Dowdle, B., Chopyak, E., Smith Fawzi, M.C. (2011): Under diagnosis of malnutrition in infants and young children in Rwanda: implications for attainment of the Millennium Development Goal to end poverty and hunger. *International Journal for Equity in Health*; **10(1)**: 61.

- Bodas, M., Vij, N. (2017): Augmenting autophagy for prognosis based intervention of COPD-pathophysiology. *Respiratory research*; **18(1)**: 83.
- Bodhare, T., Valsangkar, S., Bele, S. (2011): An epidemiological study of work-related musculoskeletal disorders among construction workers in Karimnagar, Andhra Pradesh. *Indian journal of community medicine: official publication of Indian Association of Preventive & Social Medicine*; **36(4)**: 304-307.
- Bodhare, T., Valsangkar, S., Bele, S. (2011): An epidemiological study of work-related musculoskeletal disorders among construction workers in karimnagar, andhrapradesh. *Indian J Community Med*; **36**:304-7.
- Borga, W.M., Armstrong, T.J., Punnett, L. (2018): Ergonomic job analysis: A structured approach for identifying risk factors associated with overexertion injuries and disorders. *Applied Occupational and Environmental Hygiene*; **6(5)**: 353-363.
- Bose, K., Bisai, S., Das, P., Dikshit, S., Pradhan, S. (2007): Inter-relationships of income, chronic energy deficiency, morbidity and hospitalization among adult male slum dwellers of Midnapore, west Bengal, India. *Journal of Biosocial Science*; **39(5)**:779-86.
- Boyer, J., Galizzi, M., Cifuentes, M., d'Errico, A., Gore, R., Punnett, L., Slatin, C. (2009): Ergonomic and socioeconomic risk factors for hospital workers' compensation injury claims. *American Journal of Industrial Medicine*; **52(7)**: 551-562.
- Brandt, M., Sundstrup, E., Jakobsen, M.D., Jay, K., Colado, J.C., Wang, Y., ... and Andersen, L.L. (2014): Association between neck/shoulder pain and trapezius muscle tenderness in office workers. *Pain research and treatment*; **2014**: 1-4.
- Brant, A. (2009): Viport- The Mobile Personal ECG Device; <http://stresswise solution.com/uploads/00090807/00065877>. (Browsed on 30.09.2017).
- Brenner, H., Ahern, w. (2000): Sickness absence and early retirement on health grounds in the construction industry in Ireland. *Occup Environ Med*; **57**:615–620.
- Brito, N.B., Llanos, J.P.S., Ferrer, M.F., García, J.G.O., Brito, I.D., Castro, F.P.G., ... and Abizanda, E.P. (2016): Relationship between mid-upper arm circumference and body mass index in inpatients. *PloS one*; **11(8)**:e0160480.
- Bron, D., Munhall, C., Irvin, E., Rempel, D., Brewer, S., Van Der Beek, A.J., ...and Amick, B. (2012): Effectiveness of workplace interventions in the prevention of upper extremity musculoskeletal disorders and symptoms: an update of the evidence. *Occup Environ Med*; **73(1)**: 62-70.
- Burton, A.K., Kendall, N.A., Pearce, B.G., Birrell, L.N., Bainbridge, L.C. (2008):

- Management of upper limb disorders and the biopsychosocial model. 1st ed., HSE Books.
- Cabibihan, J.L., Giurintano, D.J., Pérez-González, A., and Vergara, M. (2015): Optimum tool handle diameter for a cylinder grip. *Journal of Hand therapy*; **16(4)**:337-342.
- Canadian Centre for Occupational Health and Safety) (CCOHS), (2016): Hand Tool Ergonomics. Hand Tool Ergonomics - Tool Design: OSH Answers. <http://www.ccohs.ca/oshanswers/ergonomics/handtools/tooldesign.html>
- Cao, L., Wang, Y., Hao, D., Rong, Y., Yang, L., Zhang, S., Zheng, D. (2017): Effects of Force Load, Muscle Fatigue, and Magnetic Stimulation on Surface Electromyography during Side Arm Lateral Raise Task: A Preliminary Study with Healthy Subjects. *Hindawi BioMed Research International*; **5**. Article ID 8943850, 9 pages <https://doi.org/10.1155/2017/8943850>.
- Cao, L., Zhang, X.G., Wang, J.G., Wang, H.B., Chen, Y.B., Zhao, D.H., ... and Xie, L.X. (2017): Pulmonary function test findings in patients with acute inhalation injury caused by smoke bombs. *Journal of thoracic disease*; **8(11)**:3160-3167.
- Casey, J.S., McGorry, R.W., and Dempsey, P.G. (2002): Getting a grip on grip force estimates: A valuable tool for ergonomic evaluations. *Professional Safety*; **47(10)**: 18-24.
- Chaffin, D.B., Herrin, G.D., Keyserling, W.M., and Foulke, J.A. (2006): Pre-employment strength testing: In selecting workers for materials handling jobs (Report No. CDC-99-74-62). *Cincinnati, OH: Public Health Service*.
- Chakrabarty, S., Sarkar, K., Dev, S., Das, T., Mitra, K., Sahu, S., Gangopadhyay, S. (2016): Impact of rest breaks on musculoskeletal discomfort of Chikanembroiderers of West Bengal, India: a follow up field study. *Journal of occupational health*; **58(4)**: 365-372.
- Chakraborty, K., Bose, K., Bisai, S. (2007): Body mass index and chronic energy deficiency among urban Bengalee male slum dwellers of Kolkata, India: Relationship with family income. *International Journal of Anthropology*; **21(3-4)**: 209-215.
- Chakraborty, R., Bose, K., and Koziel, S. (2011): Use of mid-upper arm circumference in determining undernutrition and illness in rural adult Oraon men of Gumla District, Jharkhand, India. *Rural Remote Health*; **11(3)**: 1754.

- Chandna, P., Deswal, S., Chandra, A. (2010): An anthropometric survey of industrial workers of the northern region of India. *International Journal of Industrial and Systems Engineering*, **6(1)**: 110-128.
- Chatterjee, M., Sau, S., Mahata, H., Dhara, P.C. (2014): Evaluation of cardiovascular and pulmonary stresses of carpenters in relation to their professional experience; *Indian Journal of Biological Science*; **20**: 19-27.
- Chatterjee, S., Saha, D., Nag, S.K., Dey, S.K. (1998): Pulmonary function tests in jute workers of eastern zone of India. *Indian Journal Physiology & Allied Sciences*; **52(4)**: 196-208.
- Chen, J.L., Penhune, V. B., Zatorre R.J. (2008): Listening to Musical Rhythms Recruits Motor Regions of the Brain. *Cerebral Cortex*; 18 (12): 2844-2854.
- Cheng, H.Y.K., Wong, M.T., Yu, Y.C., Ju, Y.Y. (2016): Work-related musculoskeletal disorders and ergonomic risk factors in special education teachers and teacher's aides. *BMC public health*; **16(1)**: 137-142.
- Chobanian A.V., Bakris G.L., Black H.R. (2003): Seventh report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure. *Hypertension*; **42(6)**: 1206-52.
- Chung, M.K., Lee, I., Kee, D. (2005): Quantitative postural load assessment for whole body manual tasks based on perceived discomfort. *Ergonomics*; **48(5)**: 492-505.
- Claeys, K., Brumagne, S., Dankaerts, W., Kiers, H., Janssens, L. (2011): Decreased variability in postural control strategies in young people with non-specific low back pain is associated with altered proprioceptive reweighting. *European journal of applied physiology*; **111(1)**: 115-123.
- Clausen, T., Charlton, K.E., Holmboe-Ottesen, G. (2006): Nutritional status, tobacco use and alcohol consumption of older persons in Botswana. *The journal of nutrition, health & aging*; **10(2)**: 104-110.
- Coffeng, J.K., van Sluijs, E.M., Hendriksen, I.J., van Mechelen, W., Boot, C.R. (2015): Physical activity and relaxation during and after work are independently associated with the need for recovery. *Journal of Physical Activity and Health*; **12(1)**:109-115.
- Cohen, A.K., Rai, M., Rehkopf, D.H., Abrams, B. (2013): Educational attainment and obesity: a systematic review. *Obesity Reviews*; **14(12)**: 989-1005.
- Condon, A.K., and Latta, W. (2014): An analysis of grip design for manual Hammer Stapling tool: *Advances in Physical Ergonomics and Safety*; Chapter 37: pp 322-

-
- Corlett, E.N. and Bishop, R.P. (1976): A technique for assessing postural discomfort. *Ergonomics*; 19: 175-182.
- Das, B. (2014): Assessment of occupational health problems and physiological stress among the brick field workers of West Bengal, India. *International Journal of Occupational Medicine and Environmental Health*; **27(3)**: 413- 425.
- Das, B. (2014): Assessment of occupational health problems and physiological stress among the brick field workers of West Bengal, India. *International Journal of Occupational Medicine and Environmental Health*; **27(3)**: 413- 425
- Das, B. (2014): Prevalence of work-related musculoskeletal disorders among the brick field workers of West Bengal, India. *Arch Environ OccupHealth*; **69**:231-40.
- Das, D., Mondal, H., Patnaik, M. (2017): Study of dynamic lung function parameters in normal, overweight, and thin school boys. *Journal of the Scientific Society*; 44(1):36-39.
- Das, N.K., Mahata, H., Dhara, P.C. (2017): Evaluation of pulmonary capacity and prevalence of pulmonary dysfunctions of Bell metal workers in relation to their work experience and smoking habit. *International Journal of Life Sciences Scientific Research*; **3(4)**: 1181-1189.
- Das, S. and Bose, K. (2010): Body Mass Index and Chronic Energy Deficiency among adult Santals of Purulia district, West Bengal, India. *International Journal of Human Sciences*; **7(2)**: 488-502.
- David, G., Woods, V., Li, G., Buckle, P. (2008): The development of the Quick Exposure Check (QEC) for assessing exposure to risk factors for work-related musculoskeletal disorders. *Applied Ergonomics*; 39(1):57-69.
- David, S., and Heberger, J.R. (2014): Examining the interaction of force and repetition on musculoskeletal disorder risk: a systematic literature review. *Human factors*; **55(1)**:108-124.
- De Beeck, R., Hermans, V. (2000): Research on work-related low back disorders. European Agency for Safety and Health at work, Belgium. <https://osha.europa.eu/en/tools-and-publications/publications/reports/204>
- De Looze, M.P., Toussaint, H.M., Ensink, J., Mangnus, C., Van der Beek, A.J. (1994): The validity of visual observation to assess posture in a laboratory-simulated, manual material handling task. *Ergonomics*; **37(8)**: 1335-1343.
- De Looze, M.P., Toussaint, H.M., Ensink, J., Mangnus, C., Van der Beek, A.J. (1994): The validity of visual observation to assess posture in a laboratory-simulated, manual
-

- material handling task. *Ergonomics*; **37(8)**: 1335-1343.
- De, A., and Bhasin, H.V. (1991): A comparative investigation into forward bending posture under static load. *ISE-OH-SE*, Bombay.
- Debray, P., Misra, J., Ghosh, C. (2002): Peak expiratory flow rate and cardio-respiratory fitness of Bengali workers exposed to dust and plant source particulate matters. *Indian Journal of Community Medicine*; **27(4)**: 171-176.
- Dempsey, P.G., McGorry, R.W., O'Brien, N.V. (2004): The effects of work height, workplace orientation, gender, and screw drivers type on productivity and wrist deviation. *International Journal of Industrial Ergonomics*; **33 (4)**: 339-346.
- Deopa, D., Thakkar, H.K., Prakash, C., Niranjana, R., Barua, M.P. (2013): Anthropometric measurements of external ear of medical students in Uttarakhand region. *Journal of the Anatomical Society of India*; **62(1)**:79-83.
- Dey, N.C., Amalendu, S., Saha, R. (2007): Assessment of cardiac strain amongst underground coal carriers-a case study in India. *International journal of industrial ergonomics*; **37(6)**: 489-495.
- Dhara, P.C., De, S., Sengupta, P., Maity, P., Pal, A. (2015): An Ergonomic Approach for designing Indian traditional vegetable cutter. *Work*; **50 (2)**: 177- 186.
- Dianat, I., Haslegrave, C.M., Stedmon, A.W. (2012): Using pliers in assembly work: Short and long task duration effects of gloves on hand performance capabilities and subjective assessments of discomfort and ease of tool manipulation. *Applied ergonomics*; **43(2)**: 413-423.
- Dimberg, L., Laestadius, J.G., Ross, S., Dimberg, I. (2015): The Changing Face of Office Ergonomics. *The Ergonomics Open Journal*; **8(1)**: 38-56.
- Drury, C.G., and Pizatella, T. (1983): Hand placement in manual materials handling. *Human Factors*; **25(5)**: 551-562.
- Du, Y., Xu, X., Chu, M., Guo, Y., Wang, J. (2016): Air particulate matter and cardiovascular disease: the epidemiological, biomedical and clinical evidence. *Journal of thoracic disease*; **8(1)**:E8-E19.
- Dubey, N., Dubey, G., Tripathi, H., Naqvi, Z. A. (2019): Ergonomics for Desk Job Workers - An Overview. *International Journal of Health Sciences & Research* (www.ijhsr.org); **9(7)**: 213-220.
- Duka, A., Duka, I., Gao, G., Shenouda, S., Gavras, I., Gavras, H. (2006): Role of bradykinin B1 and B2 receptors in normal blood pressure regulation. *American Journal of Physiology- Endocrinology and Metabolism*; **291(2)**: E268-E274

- Dul, J., and Weerdmeester, B. (2008): Ergonomics for beginners: *A quick reference guide*. CRC press. 3rd Edition, **2008**:1-160.
- Dutta, S. and Dhara P.C. (2012): Evaluation of Different Sitting Postures of Rural Primary School Boys in the Classroom. *Journal of Ergonomics*; **2**: 1-7.
- Dutta, S. and Dhara P.C. (2012): Evaluation of Different Sitting Postures of Rural Primary School Boys in the Classroom. *Journal of Ergonomics*; **2**: 1-7
- Eaves, S., Gyi, D.E., Gibb, A.G. (2016): Building healthy construction workers: their views on health, wellbeing and better workplace design. *Applied ergonomics*; **54**: 10-18
- Ebe, R.T., and Griffin, S. (2001): Anthropometric and strength data of Indian agricultural workers for equipment design: a review. *Agricultural Engineering International*; **14(4)**: 102-114.
- Eckel, R.H., Jakicic, J.M., Ard, J.D., de-Jesus, J.M.,Houston Miller, N.,Hubbard, V.S.(2014): 2013 AHA/ACC guideline on lifestyle management to reducecardiovascular risk: a report of the American College of Cardiology/AmericanHeart Association task force on practice guidelines. *Circulation*; **129**: S76-S99.
- Eckner, J.T., Oh, Y.K., Joshi, M.S., Richardson, J.K., Ashton-Miller, J.A. (2014): Effect of neck muscle strength and anticipatory cervical muscle activation on thekinematic response of the head to impulsive loads. *The American journal of sports medicine*; **42(3)**:566-576.
- Edmund, E.E.(2015):Analysis of Occupational Hazards and Safety of Workers in SelectedWorking Environments within Enugu Metropolis.*J Environ Anal Toxicol*; **5(6)**. DOI: 10.4172/2161-0525.1000337
- Eerd, D., Munhall, C., Irvin, E., Rempel, D., Brewer, S., Van Der Beek, A.J., ...and Amick, B. (2016): Effectiveness of workplace interventions in the prevention of upper extremity musculoskeletal disorders and symptoms: an update of the evidence. *Occup Environ Med*; **73(1)**: 62-70.
- Ekşioğlu, M. (2016): Prediction equations for permanent impairment of the upper extremity due to the loss of range of motion. *Work*; **53(2)**: 409-420.
- Erick, P.N., and Smith, D.R. (2014): The prevalence and risk factors for musculoskeletal disorders among school teachers in Botswana. *Occupational Medicine & Health Affairs*; **2(4)**: 1-13.
- Erlandson, R.F. (2007): Universal and accessible design for products, services, and processes. CRC Press, Taylor & Francis Group.

- Ermakova, S.V., Podstavkina, T.P., Strokina, A.N. (1985): Anthropometric atlas, recommendation on methods. Amerind Publishing Co. Pvt. Ltd., New Delhi.
- Evanoff, A., Sabbath, E.L., Carton, M., Czernichow, S., Zins, M., Leclerc, A., Descatha, A. (2014): Does obesity modify the relationship between exposure to occupational factors and musculoskeletal pain in men? Results from the GAZEL cohort study. *PloS one*; **9(10)**:e109633.
- Evanoff, A., Sabbath, E.L., Carton, M., Czernichow, S., Zins, M., Leclerc, A., Descatha, A. (2014): Does obesity modify the relationship between exposure to occupational factors and musculoskeletal pain in men? Results from the GAZEL cohort study. *PloS one*; **9(10)**:e109633.
- Fallahi, A., and Jadidian, A. (2011): The effect of hand dimensions, hand shape and some anthropometric characteristics on handgrip strength in male grip athletes and non-athletes. *Journal of human kinetics*; **29**: 151-159.
- Fallentin, N. (2003): Regulatory actions to prevent work-related musculoskeletal disorders--the use of research-based exposure limits. *Scand J Work Environ Health*; **29**:247-50.
- Faucett, J., Meyers, J., Miles, J., Janowitz, I., Fathallah, F. (2007): Rest break interventions in stoop labor tasks. *Applied Ergonomics*; **38(2)**: 219-226.
- Fellows, G.L., and Freivalds, A. (1991): Ergonomics evaluation of a foam rubber grip for tool handles. *Applied Ergonomics*; **22(4)**: 225-230.
- Feng, Q., Liu, S., Yang, L., Xie, M., Zhang, Q. (2016): The prevalence of and risk factors associated with musculoskeletal disorders among sonographers in central China: A cross-sectional study. *PloS one*; **11(10)**:e0163903.
- Ferro-Luzi, A., Sette, S. Franklin, M. (1992): A simplified approach of assessing adult chronic energy deficiency. *Eur J Clin Nutr*; **46**: 173-186.
- Fingerhut, M., Driscoll, T., Nelson, D.I., Barrientos, M.C., Punnett, L., Pruss-Ustin, A., and J., Corvalan, C. (2005): Contribution of occupational risk factors to the global burden of disease- a summary of findings. *Scand J Work Environ Health*; **1(Supply)**:58-61.
- Fishwick, D., Sen, D., Barber, C., Bradshaw, L., Robinson, E., Sumner, J. (2015): The COPD Standard Collaboration Group. Occupational chronic obstructive pulmonary disease: a standard of care. *Occupational Medicine*; **65(4)**: 270–282.
- Fleisig, G.S., Hsu, W.K., Fortenbaugh, D., Cordover, A., Press, J.M. (2013): Trunk axial rotation in baseball pitching and batting. *Sports Biomechanics*; **12(4)**: 324-333.

- Foster, R.G., Peirson, S.N, Wulff, K., Winnebeck, E.C., München, H.Z. (2013): Sleep and Circadian Rhythm Disruption in Social Jetlag and Mental Illness. *Progress in Molecular Biology and Translational Science*; 119:325-46
- Fraser, T.M. (1983): Ergonomic design of hand tools'. *Encyclopedia of occupational health and safety*. Vol. 1, 3rd (revised) Ed., International Labour Office, Geneva.
- Fulmer, S., Buchholz, B., Scribani, M., Jenkins, P. (2017): Musculoskeletal Disorders in Northeast Lobstermen. *Safety and Health at Work*; **17**:1-8.
- Gallagher, S. (2005): Physical limitations and musculoskeletal complaints associated with work in unusual or restricted postures: a literature review. *Journal of Safety Research*; **36(1)**:51-61.
- Gallagher, S. (2005): Physical limitations and musculoskeletal complaints associated with work in unusual or restricted postures: a literature review. *Journal of Safety Research*; **36(1)**: 51-61.
- Gallagher, S., and Heberger, J.R. (2013): Examining the interaction of force and repetition on musculoskeletal disorder risk: a systematic literature review. *Human factors*; **55(1)**:108-124.
- Gallis, C. (2013): Increasing productivity and controlling of work fatigue in forest operations by using prescribed active pauses: a selective review. *Croatian Journal of Forest Engineering: Journal for Theory and Application of Forestry Engineering*; **34(1)**: 103-112.
- Gangopadhyay, S., and Dev, S. (2014): Design and evaluation of ergonomic interventions for the prevention of musculoskeletal disorders in India. *Annals of occupational and environmental medicine*; **26(1)**: 18.
- Gasibat, Q., Simbak, N.B., Aziz, A.A., Petridis, L., Tróznai, Z., Pálinkás, G., and Thornton, S. (2017): Stretching Exercises to Prevent Work-related Musculoskeletal Disorders- A Review Article. *American Journal of Sports Science and Medicine*; **5(2)**: 27-37.
- Geurts, S.A. (2014): Recovery from work during off-job time. In *bridging occupational, organizational and public health* Springer, Netherlands. (pp193-208).
- Ghosh, S., Iqbal, I., De, A., Banerjee, D. (2014): Relationship of heart rate with oxygen consumption of adult male workers from service and manufacturing sectors. *International Journal of Physical Education, Fitness and Sports*; **3(3)**: 26-34.
- Goldsmith, R., O'BRIEN, C., Tan, G.L.E., Smith, W.S., and Dixon, M. (1978): The cost of work on a vehicle assembly line. *Ergonomics*; **21(5)**: 315-323.

- Gómez, M.E., Sanchez, J. F., Cardona, A. M., Jaime, F. P., Paula, T., Deisy, S., Lina, M. C., René, A. C., Rafael, H. V., and Lázaro, V. C., (2010): Health and Working Conditions in Carpenter's Workshops in Armenia (Colombia). *Industrial Health* ;48, 222–230
- Gómez-Galán, M., Pérez-Alonso, J., Callejón-Ferre, Á.J., López-Martínez, J. (2017): Musculoskeletal disorders: OWAS review. *Industrial Health*; **55(4)**: 314-337.
- Gonçalves, J.S., Moriguchi, C.S., Takekawa, K.S., Coury, H.J.C.G., de Oliveira Sato, T. (2017): The effects of forearm support and shoulder posture on upper trapezius and anterior deltoid activity. *Journal of physical therapy science*; **29(5)**: 793-798.
- Goswami, S., Dasgupta, S., Samanta, A., Talukdar, G., Chanda, A., Ray Karmakar, P. and Chakrabarti, A. (2016): Load handling and repetitive movements are associated with chronic low back pain among Jute Mill workers in India. *Pain research and treatment*; **2016**: 1-8.
- Goswami, S., Dasgupta, S., Samanta, A., Talukdar, G., Chanda, A., Ray Karmakar, P., and Chakrabarti, A. (2016): Load handling and repetitive movements are associated with chronic low back pain among Jute Mill workers in India. *Pain research and treatment*; **2016**: 1-8.
- Grecchi, A., Cristofolini, A., Correzzola, C., Piccioni, A., Buffa, C., Pol, G., Micciolo, R. (2006): Application of the OWAS method in the study of work postures among quarry manual workers. *La Medicina del lavoro*; **97(5)**: 707-714.
- Groenesteijn, L., Eikhout, S.M., and Vink, P., (2004): One set of pliers for more tasks in installation work: the effects on (dis)comfort and productivity. *Applied Ergonomics*; **35 (5)**: 485-492.
- Hall, S. (2007): Basic Biomechanics. New York, NY. pp 217-219.
- Hallman, D.M., Gupta, N., Heiden, M., Mathiassen, S.E., Korshøj, M., Jørgensen, M.B., Holtermann, A. (2016): Is prolonged sitting at work associated with the time course of neck-shoulder pain? A prospective study in Danish blue-collar workers. *BMJ open*; **6(11)**:e012689.
- Hamzah, N.A., MohdTamrin, S.B., Ismail, N.H. (2016): Metal dust exposure and lung function deterioration among steel workers: an exposure-response relationship. *International journal of occupational and environmental health*; **22(3)**:224-232.

- Hamzah, N.A., Tamrin, S.B.M., Ismail, N.H. (2014): Metal dust exposure and respiratory health of male steel workers in Terengganu, Malaysia. *Iranian Journal of Public Health*; **43(3)**: 154-166.
- Hardy, D.S., Stallings, D.T., Garvin, J.T., Xu, H., Racette, S.B. (2017): Best anthropometric discriminators of incident type 2 diabetes among white and black adults: A longitudinal ARIC study. *PloS one*; **12(1)**: e0168282.
- Hartmann, H., Wirth, K., Mickel, C., Keiner, M., Sander, A., Yaghobi, D. (2016): Stress for vertebral bodies and intervertebral discs with respect to squatting depth. *Journal of Functional Morphology and Kinesiology*; **1(2)**:254-268.
- Heinsalmi, P. (1986): Method to measure working posture loads at working sites (OWAS). *The Ergonomics of Working Postures*. Corlett, Wilson and Manenica (Ed.). Taylor & Francis, London, 100.
- Helme, R.D., and Gibson, S.J. (2001): The epidemiology of pain in elderly people. *Clinics in geriatric medicine*; **17(3)**:417-431.
- Heneweer, H., Staes, F., Aufdemkampe, G., van Rijn, M., Vanhees, L. (2011): Physical activity and low back pain: a systematic review of recent literature. *European Spine Journal*; **20(6)**: 826-845.
- Hignett, S., and Mc-Atamney, L. (2000): Rapid Entire Body Assessment (REBA).
- Hignett, S., and Mc-Atamney, L. (2000): Rapid Entire Body Assessment (REBA). *Applied Ergonomics*; **31**: 201-205.
- Hitsumoto, T. (2017): Arterial velocity pulse index as a novel marker of atherosclerosis using pulse wave analysis on high sensitivity Troponin T in hypertensive patients. *Cardiology Research*; **8(2)**:36-43.
- Hnizdo, E., Patricia, A., Bang, S. (2002): Association between Chronic Obstructive Pulmonary Disease and Employment by Industry and Occupation in the US Population: A Study of Data from the Third National Health and Nutrition Examination Survey. *American Journal of Epidemiology*; 156 (8): 738–746, <https://doi.org/10.1093/aje/kwf105>.
- Holmström, J.K. and Engelhardt, W. (2013): Physical activity and relaxation during and after work are independently associated with the need for recovery. *Journal of Physical Activity and Health*; **12(1)**:109-115.
- Hooten, W.M., and Cohen, S.P. (2015): Evaluation and treatment of low back pain: a clinically focused review for primary care specialists. In *Mayo Clinic Proceedings*; **90(12)**:1699-1718.

- Huang, C.J., Webb, H.E., Zourdos, M.C., Acevedo, E.O. (2013): Cardiovascular reactivity, stress, and physical activity. *Frontiers in physiology*; **4(314)**: 1-13.
- Hülshager, U.R., Lang, J.W., Depenbrock, F., Fehrmann, C., Zijlstra, F.R., Alberts, H.J. (2014): The power of presence: The role of mindfulness at work for daily levels and change trajectories of psychological detachment and sleep quality. *Journal of Applied Psychology*; **99(6)**: 1113-1128.
- Hunns, D.M. (1982): The method of paired comparisons. A.E. Green (Ed.), *High Risk Safety Technology*, John Wiley, Chichester.
- Hunt, E., and McKay, E.A. (2015): A scoping review of time-use research in occupational therapy and occupational science. *Scandinavian journal of occupational therapy*; **22(1)**:1-12.
- Idoue, A., Hirata, C., Utsumi, M., Miyai, N., Iwahara, A., Hattori, S., ... and Arita, M. (2015): Relationship between blood pressure response during step exercise test and atherosclerotic markers. *Clinical and Experimental Hypertension*; **37(1)**: 19- 25.
- Ilies, R., Huth, M., Ryan, A.M., Dimotakis, N. (2015): Explaining the Links Between Workload, Distress, and Work–Family Conflict Among School Employees: Physical, Cognitive, and Emotional Fatigue. *Journal of Educational Psychology*; DOI: 10.1037/edu0000029
- ILO report (2013): Prevention of occupational diseases. GB317-POL_3_ [SAFEW- 130130-1]-En.docx
- Inoue, N., Otsui, K., Yoshioka, T., Suzuki, A., Ozawa, T., Iwata, S., Takei, A. (2016): A simultaneous evaluation of occupational stress and depression in patients with lifestyle-related diseases. *Internal Medicine*; **55(9)**: 1071-1075.
- Islam, A., Islam, N., Bharati, P., Aik, S., Hossain, G. (2016): Socio-economic and demographic factors influencing nutritional status among early childbearing young mothers in Bangladesh. *BMC women's health*; **16(1)**:58.
- Ismail, A.R., Yeo, M.L., Haniff, M.H., Zulkifli, R., Deros, B.M., Makhtar, N.K. (2009): Assessment of postural loading among the assembly operators: A case study at Malaysian automotive industry. *European Journal of Scientific Research*; **30(2)**: 224-235.
- Jackson, A.S. and Pollock, M.L. (1978): Generalized equations for predicting body density of men. *British Journal of Nutrition*; **40(3)**: 497-504.
- Jadhav, A.J., Mankar, S.R., Dange, C.D. (2016): Effect of exposure of cotton dust on pulmonary function tests in female workers of spinning mill at Malegaon,

- Maharashtra. *International Journal of Medical Research and Review*; **4(07)**: 1233-1238.
- Jaffar, N., Abdul-Tharim, A.H., Mohd-Kamar, I.F., Lop, N.S. (2011): A literature review of ergonomics risk factors in construction industry. *Procedia Engineering*; **20**: 89-97.
- Jagadish, R., Asif, A., Sameer, Q., Ayesha, S. and Qutubuddin, S.M. (2018): Ergonomic Risk Assessment of Working Postures in Small Scale Industries. *Grenze* ;**4(3)**:41-47 .
- Jain, R., Meena, M.L., Dangayach, G.S., Bhardwaj, A.K. (2017): Association of risk factors with musculoskeletal disorders in manual-working farmers. *Archives of Environmental & Occupational Health*; **73(1)**: 19-28.
- Jandre Reis, F.J., and Macedo, A.R. (2015): Influence of hamstring tightness in pelvic, lumbar and trunk range of motion in low back pain and asymptomatic volunteers during forward bending. *Asian spine journal*; **9(4)**: 535-540.
- Jani, C., Jain, K., Joshi, A., Bala, D. V., Jadav, H., Jetpariya, D. (2019): Assessment of pulmonary function of industrial workers in four different industries of Gujarat. *International Journal of Community Medicine and Public Health*; **6(8)**: 546-551.
- Jaric, R.T., and Uygur, S. (2013): Anthropometric and strength data of Indian agricultural workers for equipment design: a review. *Agricultural Engineering International*; **14(4)**: 102-114.
- Jayawardana, P.L., De Alwis, W.R., Fernando, M.A. (1997): Ventilatory function in brass workers of Gadaladeniya, Sri Lanka. *Occupational medicine*; **47(7)**: 411- 416.
- Jhonson, B.L. and Nelson, J.K. (1986): Practical measurement for evaluation in physical education. Macmillan publishing Company, New York, pp174-200.
- Jinadu, M.K. (1987): Occupational Health and Safety in a Newly Industrializing Country *Journal of the Royal Society of Health*; **107 (1)**: 8-10.
- Jung, S., and Qin, S. (2014): Development of safe-driving-system features for elderly drivers. *Systems Science & Control Engineering: An Open Access Journal*; **2(1)**: 699-706.
- Junior, J.R.V., Pereira, R.M., and da Silv, R.P. (2015): Veronesi Index of Ergonomic Risk for Activities Repetitive of Members Upper Limbs. *Procedia Manufacturing*; **3(2015)**: 4456-4463.
- Kamradt, T., Klein, S., Zimmermann, S., Schröder-Braunstein, J., Fürstenberg, C.H., Hensel, C., ... and Hug, A. (2017): Bacterial load of conditioned pressure ulcers is not a predictor for early flap failure in spinal cord injury. *Spinal cord*; **55(6)**: 535-539.

- Kanyenyeri, L., Asiimwe, B., Mochama, M., Nyiligira, J., Habtu, M. (2017): Prevalence of Back Pain and Associated Factors among Bank Staff in Selected Banks in Kigali, Rwanda: A Cross Sectional Study. *Health Science Journal*; **11(3)**:505.
- Kapoor, J. (2013): The effect of cryogenically treated Brass wire electrode on the performance Characteristics of WEDM. In *ISOM 2013 Proceedings (GIAP Journals, India): Proceeding Book of International Conference* (p 31).
- Karhu, O., Härkönen, R., Sorvali, P., Vepsäläinen, P. (1981): Observing working postures in industry: Examples of OWAS application. *Applied ergonomics*; **12(1)**: 13-17.
- Karhu, O., Kansi, P., Kuorinka, I. (1977): Correcting working postures in industry: a practical method for analysis. *Applied ergonomics*; **8(4)**: 199-201.
- Karwowski, W. (2012): The discipline of human factors and ergonomics. *Handbook of Human Factors and Ergonomics*, (4th Ed.), 1-37.
- Kayhan, S., Tutar, U., Cinarka, H., Gumus, A.,Koksal, N. (2013): Prevalence of occupational asthma and respiratory symptoms in foundry workers. *Pulmonary Medicine*; 2013. <http://dx.doi.org/10.1155/2013/370138>.
- Kee, D., and Karwowski, W. (2007): A comparison of three observational techniques for assessing postural loads in industry. *International Journal of Occupational Safety and Ergonomics*; **13(1)**: 3-14.
- Kesavachandran, C.N., Bihari, V., Mathur, N. (2012): The normal range of body mass index with high body fat percentage among male residents of Lucknow city in north India. *The Indian journal of medical research*, **135(1)**: 72-77.
- Keyserling, W.M. (1986): Postural analysis of the trunk and shoulders in simulated real time. *Ergonomics*; **29(4)**: 569-583.
- Keyserling, W.M., Armstrong, T.J., Punnett, L. (1991): Ergonomic job analysis: A structured approach for identifying risk factors associated with overexertion injuries and disorders. *Applied Occupational and Environmental Hygiene*; **6(5)**: 353-363.
- Khan, A. A., Ahmad, N., Saxena, D. (2017): A study of pulmonary function test in sugarcane industry workers of faizabad district, Uttar Pradesh. *International journal of scientific research*;6(7). 8277 – 8179.
- Khongsdier, R. (2005): BMI and morbidity in relation to body composition: a cross-sectional study of a rural community in North-East India. *British Journal of Nutrition*; **93(1)**: 101-107.

- Khongsdier, R. (2005): BMI and morbidity in relation to body composition: a cross-sectional study of a rural community in North-East India. *British Journal of Nutrition*; **93(1)**: 101-107
- Kilbom, Å. (1994): Assessment of physical exposure in relation to work-related musculoskeletal disorders. What information can be obtained from systematic observations? *Scandinavian journal of work, environment & health*; **20**: 30-45.
- Kim, E.K., and Kim, J.S. (2016): Correlation between rounded shoulder posture, neck disability indices, and degree of forward head posture. *Journal of physical therapy science*; **28(10)**:2929-2932.
- Kim, E.K., and Kim, J.S. (2016): Correlation between rounded shoulder posture, neck disability indices, and degree of forward head posture. *Journal of physical therapy science*; **28(10)**: 2929-2932.
- Kim, J.H., Coco, A., Jacklitsch, B., Williams, J., Musolin, K., Turner, N. (2017): Criteria for a Recommended Standard: Occupational Exposure to Heat and Hot Environments. *DHHS (NIOSH) Publication No.* 2016-106.
- Kong, Y.K., Lowe, B.D., Lee, S.J., Krieg, E.F. (2008): Evaluation of handle shapes for screw driving. *Applied Ergonomics*; **39(2)**: 191-198.
- Kopelman, P.G. (2000): Obesity as a medical problem. *Nature*; **404(6778)**: 635-643.
- Kozak, A., Schedlbauer, G., Wirth, T., Euler, U., Westermann, C., Nienhaus, A. (2015): Association between work-related biomechanical risk factors and the occurrence of carpal tunnel syndrome: an overview of systematic reviews and a meta-analysis of current research. *BMC musculoskeletal disorders*; **16(1)**: 231.
- Kozak, A., Schedlbauer, G., Wirth, T., Euler, U., Westermann, C., Nienhaus, A. (2015): Association between work-related biomechanical risk factors and the occurrence of carpal tunnel syndrome: an overview of systematic reviews and a meta-analysis of current research. *BMC musculoskeletal disorders*; **16(1)**: 231.
- Kozak, A., Schedlbauer, G., Wirth, T., Euler, U., Westermann, C., Nienhaus, A. (2015): Association between work-related biomechanical risk factors and the occurrence of carpal tunnel syndrome: an overview of systematic reviews and a meta-analysis of current research. *BMC musculoskeletal disorders*; **16(1)**: 231.
- Kroemer, K.H. (2017): *Fitting the Human: Introduction to Ergonomics/Human Factors Engineering*. CRC Press, UK.
- Kroemer, K.H.E. and Grandjean, E. (2001): Fitting the task to the man: A text book of occupational Ergonomics (5th Ed.); *Taylor & Francis*, London.

- Kuijt-Evers, L.F.M. (2009): The Design of Artisans' Hand Tools: Users' Perceived Comfort and Discomfort. *International Handbook of Occupational Therapy Interventions; Part 2, Springer New York*, pp 167-177.
- Kuijt-Evers, L.F.M., Groenesteijn, L., De Looze, M.P., Vink, P. (2004): Identifying factors of comfort in using hand tools. *Applied Ergonomics*; **35(5)**: 453-458.
- Kuijt-Evers, L.F.M., Groenesteijn, L., De Looze, M.P., Vink, P. (2004): Identifying factors of comfort in using hand tools. *Applied Ergonomics*; **35(5)**: 453-458.
- Kuijt-Evers, L.F.M., Morel, K.P.N., Eikelenberg, N.L.W., Vink, P. (2007): Application of the QFD as a design approach to ensure comfort in using hand tools: Can the design team complete the House of Quality appropriately?. *Applied ergonomics*; **40(3)**:519-526.
- Kuorinka, I., Jonson, B., Kilbom, A., Vinterberg, H., Biering-Sorenson, F., Anderson, G., Jorgensen, K. (1987): Standardized Nordic questionnaire for the analysis of musculoskeletal symptoms. *Applied Ergonomics*; **18(3)**: 233-37.
- Labafinejad, Y., Imanizade, Z., Danesh, H. (2016): Ergonomic Risk Factors and Their Association with Lower Back and Neck Pain among Pharmaceutical Employees in Iran. *Workplace health & safety*; **64(12)**:586-595.
- Lazaridis, K., Jovanović, J., Jovanović, J., Šarac, I., Jovanović, S. (2017): The impact of occupational stress factors on temporary work disability related to arterial hypertension and its complications. *International Journal of Occupational Safety and Ergonomics*; **23(2)**: 259-266.
- Lee, D.B., Herrin, G.D., Keyserling, W.M., and Foulke, J.A. (2006): Pre-employment strength testing: In selecting workers for materials handling jobs (Report No. CDC-99-74-62). *Cincinnati, OH: Public Health Service*.
- Lee, I.M., Shiroma, E.J., Lobelo, F., Puska, P., Blair, S.N., Katzmarzyk, P.T.; Lancet Physical Activity Series Working Group. (2012): Effect of physical inactivity on major non-communicable diseases worldwide: an analysis of burden of disease and life expectancy. *Lancet*; **380(9838)**: 219-229.
- Lee, J., and Nussbaum, M.A. (2012): Experienced workers exhibit distinct torso kinematics/kinetics and patterns of task dependency during repetitive lifts and lowers. *Ergonomics*; **55(12)**: 1535-1547.
- Lee, R.D. and Nieman, D.C. (2003): Nutritional Assessment. *McGraw Hill*. New York.
- Lee, W., Lee, W., Migliaccio, G.C., Migliaccio, G.C. (2016): Physiological cost of concrete construction activities. *Construction Innovation*; **16(3)**: 281-306.

- LeVan, T.D., Koh, W.P., Lee, H.P., Koh, D., Yu, M.C., London, S.J. (2006): Vapour, dust and smoke exposure in relation to adult-onset asthma and chronic respiratory symptoms: The Singapore Chinese Health Study. *American Journal of Epidemiology*; 163(12): 1118-1128.
- LeVan, T.D., Koh, W.P., Lee, H.P., Koh, D., Yu, M.C., London, S.J. (2006): Vapour, dust and smoke exposure in relation to adult-onset asthma and chronic respiratory symptoms: The Singapore Chinese Health Study. *American Journal of Epidemiology*; 163(12): 1118-1128.
- Lewis, R., and Narayana, K. (1983): The Effect of Postural Education on Decreasing the Severity of Neck Pain in Female School Teachers: A Prospective Cohort Study. *International Journal of Therapies and Rehabilitation Research*; **6(1)**: 24- 31.
- Li, G. and Buckle, P. (1998): A practical method for the assessment of work-related musculoskeletal risks - quick exposure check (QEC). Proceedings of the human factors and ergonomics society 42nd annual meeting;1351
- Li, G., Buckle, P.W. (2000): Evaluating Change in Exposure to Risk for Musculoskeletal Disorders -- A Practical Tool. Proceedings of the Human Factors and Ergonomics Society Annual Meeting; 44(30):5-407-5-408
- Linaker, C.H., Walker-Bone, K. (2015): Shoulder disorders and occupation. *Best Practice & Research Clinical Rheumatology*; **29(3)**:405-423.
- Liu, D., Mitchell, T.R., Lee, T.W., Holtom, B.C., Hinkin, T.R. (2012): When employees are out of step with coworkers: How job satisfaction trajectory and dispersion influence individual-and unit-level voluntary turnover. *Academy of Management Journal*; **55(6)**: 1360-1380.
- Luger, T., Bosch, T., Hoozemans, M., de Looze, M., Veeger, D. (2015): Task variation during simulated, repetitive, low-intensity work–influence on manifestation of shoulder muscle fatigue, perceived discomfort and upper-body postures. *Ergonomics*; **58(11)**:1851-1867.
- Luz, F.D.F., Stüker, V.C., Trevisan, M.B., Cirino, S.L.M.B. (2011): Silicosis among former copper mine workers. *Ciencia & Saudecoletiva*; **16(8)**: 3421-3426.
- Mahone, D.B. (1993): Review of system designs employs ergonomics prior to work injuries. CTDs do not need to be the result of trial-and-error processes with new or simpler equipment. *Occupational health & safety (Waco, Tex.)*; **62(5)**: 88-90.

- Maity, P., De, S., Pal, A., Mahata, H., Chatterjee, M., Dhara, P. C. (2014): Identification of a suitable working posture for female workers engaged in golden thread work. *International Journal of Occupational Safety and Health*; **14 (2)**: 24 – 33
- Maity, P., Pal, A., Dhara, P.C. (2015): Evaluation of work related musculoskeletal disorder and postural stress of brick kiln workers during performing different brick making tasks. HWWE series report 2013; pp386-398.
- Majumder, J., Shah, P., Kumar, S. (2015): Heat Stress Vulnerability among Indian Workmen. *Handbook of Research on Climate Change Impact on Health and Environmental Sustainability*; Chapter 4, pp 61.
- Manchikanti, L., Falco, F.J., Singh, V., Benyamin, R.M., Racz, G.B., Helm 2nd, S., ... and Gupta, S. (2013): An update of comprehensive evidence-based guidelines for interventional techniques in chronic spinal pain. Part I: introduction and general considerations. *Pain Physician*; **16(2 supply)**: S1-S48.
- Mandal, A., and Majumdar, R. (2014): Cardio-respiratory status of stone grinders and brick field workers from west Bengal, India. *Progress in Health Sciences*; **4(2)**: 111-122.
- Marie, K.L., Francois-Xavier. L., Moustapha, D., Francois, L., Frédéric, D. (2016): Occupational risk factors for COPD: A case-control study. *PLoS One*; **11(8)**: e0158719.
- Marras, W.S. and Karwowski, W. (2006): The Occupational ergonomics handbook-fundamentals and assessment tools for occupational ergonomics; Taylor & Francis group, CRC Press, Florida, pp 14-15.
- Marsot, J., Claudon, L. (2004): Design and ergonomics. Methods for integrating ergonomics at hand tool design stage. *International Journal of Occupational Safety and Ergonomics*; **10(1)**:13-23.
- Marzke, M.W. (2013): Tool making, hand morphology and fossil hominins. *Philosophical Transactions of the Royal Society of London B: Biological Sciences*; **368(1630)**:20120414.
- Mastalerz, A., and Palczewska, I.W.O.N.A. (2010): The influence of trunk inclination on muscle activity during sitting on forward inclined seats. *Acta of bioengineering and biomechanics/Wroclaw University of Technology*; **12(4)**: 19-24.
- McAtamney, L. and Corlett, E.N. (1993): RULA: a survey method for the investigation of work related upper limb disorder. *Applied Ergonomics*; **24(2)**:91-99.
- McBride, J., Sumner, P., and Husain, M. (2012): Conflict in object affordance revealed by grip force. *Quarterly Journal of Experimental Psychology*; **65(1)**:13-24.

- McNee, C., Kieser, J.K., Antoun, J.S., Bennani, H., Gallo, L.M., and Farella, M. (2013): Neck and shoulder muscle activity of orthodontists in natural environments. *Journal of Electromyography and Kinesiology*; **23(3)**:600-607.
- McNee, C., Kieser, J.K., Antoun, J.S., Bennani, H., Gallo, L.M., and Farella, M. (2013): Neck and shoulder muscle activity of orthodontists in natural environments. *Journal of Electromyography and Kinesiology*; **23(3)**: 600-607.
- Meerding, et W.J., Ijzelenberg, W., Koopmanschap, M.A., Severens, H. (2005): Health problems lead to considerable productivity loss at work among workers with high physical load jobs. *Journal of Clinical Epidemiology*; **58(5)**: 517-23.
- Menezes-Ana, M.B., Dumith, S.C., Perez-Padilla, R., Noa, R.B.L., Wehrmeister F.C., Hallal, P.C. (2011): Socioeconomic trajectory from birth to adolescence and lung function: prospective birth cohort study. *BMC Public Health*; **11**:596.
- Meriam, D., Hager, D., Imed, H., Louisa, G., Sonia, C., Peter, B., and Zouhair, T. (2016): COPD in nonsmokers: Reports from the Tunisian population-based Burden of Obstructive Lung Disease Study. *PLoS One*; **11(3)**: e0151981.
- Middleton, K.J., Carstairs, G.L., and Ham, D.J. (2016): Lift performance and lumbar loading in standing and seated lifts. *Ergonomics*; **59(9)**: 1242-1250.
- Milanowski, J., Gora, A., Skorska, C., Traczyk, E.K., Mackiewicz, B., Sitkowska, J., Cholewa, B., Dutkiewicz, J. (2002): Work-Related Symptoms among furniture factory workers in Lublin region (Eastern Poland). *Annals of Agricultural and Environmental Medicine*; **9(1)**: 99-103.
- Miyamoto, T., Bailey, D.M., Nakahara, H., Ueda, S., Inagaki, M., Ogoh, S. (2014): Manipulation of central blood volume and implications for respiratory control function. *American Journal of Physiology-Heart and Circulatory Physiology*; **306(12)**:H1669-H1678.
- Mohamed, M.S.S. (2012): The Influence of Different Hand Tool Designs on the Perception of Aesthetics, Ergonomics and Usability. *International Journal of Business and Social Science*; **3(3)**: 241-246.
- Mohammadi, R., Mendioro, M.S., Diaz, G.Q., Gregorio, G.B., Singh, R.K. (2013): Mapping quantitative trait loci associated with yield and yield components under reproductive stage salinity stress in rice (*Oryza sativa* L.). *J Genet*; **92(3)**:433-43.
- Mokarami, H., Mortazavi S. V., Asgari, A., Choobineh, A. and Stallones, L.(2017): Multiple dimensions of work-related risk factors and their relationship to work ability among industrial workers in Iran. Published online; 374-379.

- Montgomery, T., Boocock, M., Hing, W. (2011): The effects of spinal posture and pelvic fixation on trunk rotation range of motion. *Clinical Biomechanics*; **26(7)**: 707- 712.
- Moore, A.C., Stacey, M.J., Bailey, K.G.H., Bunn, R.J., Woods, D.R., Haworth, K.J., ... and Folkes, S.E.F. (2016): Risk factors for heat illness among British soldiers in the hot collective training environment. *Journal of the Royal Army Medical Corps*; **162(6)**:434-439.
- Mosha T.C.E. (2003): Prevalence of obesity and chronic energy deficiency (CED) among females in Morogoro district, Tanzania. *Ecology of Food and Nutrition*; **42(1)**: 37-67.
- Motamedzade, M., Afshari, D., and Soltanian, A. (2014): The impact of ergonomically designed workstations on shoulder EMG activity during carpet weaving. *Health promotion perspectives*; **4(2)**: 144-150.
- Motamedzade, M., Afshari, D., and Soltanian, A. (2014): The impact of ergonomically designed workstations on shoulder EMG activity during carpet weaving. *Health promotion perspectives*; **4(2)**: 144-150.
- Mrunalini, A., and Logeswari, S. (2015): Musculoskeletal problems of artisans in informal sector-a review study. *International Journal of Environment, Ecology, Family and Urban Studies*; **6(1)**: 163-170
- Mukhopadhyay, P. and Srivastava, S. (2010): Ergonomics risk factors in some craft sectors of Jaipur. *Ergonomics Australia*; **24(1)**: 2-14.
- Mukhopadhyay, P., and Khan, A. (2015): The evaluation of ergonomic risk factors among meat cutters working in Jabalpur, India. *International journal of occupational and environmental health*; **21(3)**:192-198.
- Mulimani, P., Hoe, V.C., Hayes, M.J., Idiculla, J.J., Abas, A.B., Karanth, L. (2014): Ergonomic interventions for preventing musculoskeletal disorders in dental care practitioners. *The Cochrane Library*; **8**:1-12.
- Musaiger, A.O. (2011): Overweight and Obesity in Eastern Mediterranean Region: prevalence and possible causes. *Journal of obesity*; **2011**: 1-17.
- Nag, P.K., Pal, S., Nag, A., Vyas, H. (2009): Influence of arm and wrist support on forearm and back muscle activity in computer keyboard operation. *Applied ergonomics*; **40(2)**: 286-291.
- Nair K.H., Gupta, S.B., Shrotriya, V.P., Singh, P.N.(2017): *Fitting the Human: Introduction to Ergonomics/Human Factors Engineering*. CRC Press:246-253.

- Nazmi, N., Rahman, M.A.A., Yamamoto, S.I., Ahmad, S.A., Zamzuri, H., Mazlan, S.A. (2016): A Review of Classification Techniques of EMG Signals during Isotonic and Isometric Contractions. *Sensor*; 16, doi:10.3390/s16081304.
- Nicoletti, S., Castoro, V., Iacobellis, M., Loizzo, N., Monopoli, L. (2008): Upper limb work-related musculoskeletal disorders (UL-WMSDs) in a large factory of the upholstered furniture industry: risk management. *Med Lav*; **99(4)**: 297-313.
- Nijjer, S.S., Sen, S., Petraco, R., Davies, J.E. (2015): Advances in coronary physiology. *Circulation Journal*; **79(6)**:1172-1184.
- Nishikawa, Y., Stepp, D.W., Chilian, W.M. (2000): Nitric oxide exerts feedback inhibition on EDHF-induced coronary arteriolar dilation in vivo. *American Journal of Physiology-Heart and Circulatory Physiology*; **279(2)**: H459-H465.
- Nitahara, K., Shono, S., Hamada, T., Higuchi, H., Sakuragi, T., Higa, K. (2005): The effect of adenosine triphosphate on vecuronium-induced neuromuscular block. *Anesthesia & Analgesia*; **100(1)**:116-119.
- Noraziera, M. Z. , Norzaida A. (2018): Musculoskeletal Disorder Symptoms Assessment among Office Workers of a Manufacturing Company. *Journal of Advanced Research in Occupational Safety and Health*; 3 (1): 1-7
- Nunes, I.L., Bush, P.M. (2012): Work-related musculoskeletal disorders assessment and prevention. In *Ergonomics-A Systems Approach. In Tech. Publisher*; pp 1-30.
- O’neill, D.H. (2000): Ergonomics in industrially developing countries: Does its application differ from that in industrially advanced countries? *Applied Ergonomics*; **31(6)**: 631-640.
- O’Sullivan, P.B., Mitchell, T., Bulich, P., Waller, R., Holte, J. (2006): The relationship between posture and back muscle endurance in industrial workers with flexion-related low back pain. *Manual therapy*; **11(4)**: 264-271.
- O’Sullivan, P.B., Mitchell, T., Bulich, P., Waller, R., Holte, J. (2006): The relationship between posture and back muscle endurance in industrial workers with flexion-related low back pain. *Manual therapy*; **11(4)**: 264-271.
- Okunribido, J. (2000): Effect of coating over the handle of a drill machine on vibration transmissibility. *Applied ergonomics*; **45(2)**: 239-246.
- Orr, J.S., McGorry, R.W., and Dempsey, P.G. (2017): Getting a grip on grip force estimates: A valuable tool for ergonomic evaluations. *Professional Safety*; **47(10)**: 18-24.
- OSHA (Occupational Safety and Health Administration) Act. (2012): Solutions for the Prevention of Musculoskeletal Injuries in Foundries. *OSHA 3465-08*; pp 26-33.

- OSHA, (2016): OSHA's final rule to protect workers from exposure to respirable crystalline Silica. *Occupational Safety and Health Administration, US Department of Labor*.<http://www.osha.gov/silica>
- Oviedo-Trespalacios, O., Haque, S.M.M., King, M.J., Washington, S. (2016): Understanding the impacts of mobile phone distraction on driving performance: A systematic review. *Transportation Research Part C Emerging Technologies*; 72(C):360–380
- Page, R.L. (1978): The physics of human movement. *Arnold Wheaton, Leeds*; pp 33-44.
- Pal, A., De S., Sengupta, P., Maity, P., Mahata, H., Shaikh, S., Dhara, P.C. (2015b): Physiological strain among the women potato cultivators in West Bengal; *Indian journal of Human Ergology*; **44 (2)**: 61-74.
- Pal, A., De, S., Sengupta, P., Maity, P., and Dhara, P.C. (2014a): Relationship of body compositional and nutritional parameters with blood pressure in adults. *Journal of Human Nutrition and Dietetics*. **27(5)**: 489-500.
- Pal, A., De, S., Sengupta, P., Maity, P., Goswami, S., Dhara, P.C. (2013): Re-evaluation of WHO-defined BMI cutoff value for defining overweight and obesity in the Bengalee (Indian) population. *Mediterranean Journal of Nutrition and Metabolism*; **6(1)**:31-37.
- Pari, A., and Dhara, P.C. (2015): Relation between long Term adoption of awkward posture and work related musculoskeletal disorders in Pickaxe and Spade users in China clay mine., Vidyasagar University, *Midnapore: HWWE*, 2013; pp 351-364.
- Park, K. and Park's (2005): Textbook of Preventive and Social Medicine. (18th Ed.),*BanarasidasBhanot Publishers*, Jabalpur, 405.
- Parvatikar, V.B., and Mukkannavar, P.B. (2009): Comparative study of grip strength in different positions of shoulder and elbow with wrist in neutral and extension positions. *Journal of Exercise Science and Physiotherapy*; **5(2)**: 67-75.
- Pejčić, N., Đurić-Jovičić, M., Miljković, N., Popović, D.B., Petrović, V. (2016): Posture in dentists: Sitting vs. standing positions during dentistry work-an EMG study. *Srpskiarhiv za celokupnolekarstvo*; **144(3-4)**:181-187.
- Pejčić, N., Đurić-Jovičić, M., Miljković, N., Popović, D.B., Petrović, V. (2016): Posture in dentists: Sitting vs. standing positions during dentistry work-an EMG study. *Srpski arhiv za celokupno lekarstvo*; **144(3-4)**: 181-187.
- Peters, S.E., and Johnston, V. (2017): Methods and tools used by healthcare professionals to identify barriers to return-to-work for workers with upper extremity conditions in

- Australia. *Hand Therapy*; **22(1)**: 26-34.
- Petreanu, V., Seracin, A.M., Iordache, R (2017): Risk factors for musculoskeletal disorders development: hand-arm tasks, repetitive work, *OSHwiki*; **4:1**.
- Pingle, S. (2012): Occupational safety and health in India: now and the future. *Industrial Health*; **50(3)**:167-171.
- Powell, K. (2017): Work–life balance: Break or burn out. *Nature*; **545(7654)**: 375-377.
- Putz-Anderson, V., Bernard, B.P., Burt, S.E., Cole, L.L., Fairfield-Estill, C., Fine, L.J., ... and Nelson, N. (1997): Musculoskeletal disorders and workplace factors. *National Institute for Occupational Safety and Health (NIOSH)*, 104. DHHS (NIOSH) Publication, pp 97-141.
- Raj, G., Shilpa, S., Maheshwaran, R. (2015): Revised Socio-Economic Status Scale for Urban and Rural India–Revision for 2015. *Socioeconomica: Scientific Journal for Theory and Practice of Socio-economic Development*; **4(7)**: 167-174.
- Ranasinghe, C., Gamage, P., Katulanda, P., Andraweera, N., Thilakarathne, S., Tharanga,P. (2013): Relationship between Body mass index (BMI) and body fat percentage, estimated by bioelectrical impedance, in a group of Sri Lankan adults: a cross sectional study. *BMC Public Health*; **13**:797.
- Rao, S., Riskowski, J.L., Hannan, M.T. (2012): Musculoskeletal conditions of the foot and ankle: assessments and treatment options. *Best practice & research Clinical rheumatology*; **26(3)**: 345-368.
- Ray, U.S., and Selvamurthy, W. (1998): Body composition in air and road inductees at high altitude during the initial days of acclimatization. *International Journal of Biometeorology*; **41(3)**:120-124.
- Reda, A.A., Fisseha, S., Mengistie, B., Vandeweerd, J.M. (2010): Standard precautions: occupational exposure and behavior of health care workers in Ethiopia. *PLoS One*; **5(12)**: e14420.
- Regoli, D., and Gobeil, F. (2015): Critical insights into the beneficial and protective actions of the kallikrein-kinin system. *Vascular pharmacology*; **64**: 1-10.
- Reule, S., and Drawz, P.E. (2012): Heart rate and blood pressure: any possible implications for management of hypertension? *Current hypertension reports*; **14(6)**:478-484.
- Ribeiro, M.G., Walter, Filho, R.P. (2006): Risk assessment of chemicals in foundries: the international chemical toolkit pilot-project. *Journal of hazardous materials*; **136(3)**: 432-437.
- Riley, J.L., Cruz-Almeida, Y., Glover, T.L., King, C.D., Goodin, B.R., Sibille, K.T.,

- Redden, D.T. (2014): Age and race effects on pain sensitivity and modulation among middle-aged and older adults. *The Journal of Pain*; **15(3)**: 272-282.
- Rockwood, D.N., Woodhouse, K.A., Fromstein, J.D., Chase, D.B., Rabolt, J.F. (2007): Characterization of biodegradable polyurethane microfibers for tissue engineering. *J Biomater Sci Polym Ed*;18:743–58.
- Roffey, D.M., Wai, E.K., Bishop, P., Kwon, B.K., and Dagenais, S. (2010): Causal assessment of awkward occupational postures and low back pain: results of a systematic review. *The Spine Journal*; **10(1)**: 89-99.
- Rongo, L. M. B., Barten, F., Msamanga, G. I., Heederik, D. and Dolmans, W. M. V. (2004): Occupational exposure and health problems in small-scale industry workers in Dar es Salaam, Tanzania: a situation analysis. *Occupational Medicine*; **54**:42–46
- Roy, K. (2005): A Preliminary note on the blood pressure profile of rural Santals of Birbhum district of West Bengal. *Tribal Health Bulletin*; **11(1 &2)**:28-37.
- Russell, J. S., Ng, N., Peltzer, K., Yawson, A., Biritwum, R., Maximova, T.,...and Chatterji, S. (2016): Risk factors and disability associated with low back pain in older adults in low-and middle-income countries. Results from the WHO study on global AGEing and adult health (SAGE). *PLoS One*; **10(6)**: e0127880.
- Saha, R., Dey, N.C., Samanta, A., and Biswas, R. (2006): A comparison of cardiac strain among drillers of two different age groups in underground manual coal mines in India. *Journal of Occupational Health*; **50(6)**: 512-520.
- Sahu, S., Sett, M., (2010): Heat exposure, cardiovascular stress and work productivity in rice harvesters in India: implications for a climate change future. *Industrial health*; **51(4)**: 424-431.
- Sahu, S., Sett, M., Kjellstrom, T. (2013): Heat exposure, cardiovascular stress and work productivity in rice harvesters in India: implications for a climate change future. *Industrial health*; **51(4)**:424-431.
- Salik, Y., Özcan, A. (2004): Work-related musculoskeletal disorders : A survey of physical therapists in Izmir-Turkey. *BMC Musculoskeletal Disorder*; 5(27):489-492.
- Samani, A., Holtermann, A., Sjøgaard, K., and Madeleine, P. (2009): Active pauses induce more variable electromyographic pattern of the trapezius muscle activity during computer work. *Journal of Electromyography and Kinesiology*; **19(6)**: e430-437.
- Sancho-Bru, J.L., Giurintano, D.J., Pérez-González, A., and Vergara, M. (2003): Optimum tool handle diameter for a cylinder grip. *Journal of Hand therapy*; **16(4)**:337-342.

- Saraji, J.N., Hassanzadeh, M. A., Pourmahabadian. M. and Shahtaheri S. J. (2004): Evaluation of musculoskeletal disorders risk factors among the crew of the Iranian ports and shipping organization's vessels. *Acta Medica Iranica*; 42(5): 1-9.
- Sari, A.D., Suryoputro, M.R., Pramaningtyas, M.D., Putra, P.S., Maulidyawati, S.B. (2016): Work Physiology Evaluation of Laundry Workers. In *IOP Conference Series, IOP Publishing: Materials Science and Engineering*; **105(1)**: 012034.
- Saurin, T. A., Lantelme, E., Formoso, C. T. (2000): Contribuições para Aperfeiçoamento da NR-18: condições e meioambiente de trabalhona indústria da construção. *Porto Alegre: Universidade federal do Rio Grande do Sul*; 140.
- Schinzari, F., Tesauro, M., Cardillo, C. (2017): Vascular hyper-polarization in human physiology and cardiovascular risk conditions and disease. *Acta Physiologica*; **219(1)**: 124-137.
- Schneider, S.P. (2001): Musculoskeletal injuries in construction: a review of the literature. *Appl Occup Environ Hyg*; **16**:1056-64.
- Scott, P.A. (2008): Global inequality and the challenge for ergonomics to take a more dynamic role to redress the situation. *Applied Ergonomics*; **39(4)**: 495-499.
- Sengupta, A.K., and Latta, W. (2012): An analysis of grip design for manual Hammer Stapling tool: *Advances in Physical Ergonomics and Safety*; Chapter 37: CRC press, Taylor & Francis Group, New York. pp 322-331
- Seo, N.J., and Armstrong, T.J. (2008): Investigation of grip force, normal force, contact area, hand size, and handle size for cylindrical handles. *Human Factors*; **50(5)**: 734-744
- Seo, P. and Armstrong, L. (2008): Ergonomic interventions for preventing musculoskeletal disorders in dental care practitioners. *The Cochrane Library*; **8**:1-12.
- Shin, D., Kim, J.Y., Hallbeck, M.S., Haight, J.M., Jung, M.C. (2008): Ergonomic hand tool and desk and chair development process. *International Journal of Occupational Safety and Ergonomics*; **14(2)**: 247-252.
- Singh, J., and Khan, A.A. (2014): Effect of coating over the handle of a drill machine on vibration transmissibility. *Applied ergonomics*; **45(2)**: 239-246.
- Singh, J., Lal, H., Kocher, G.(2012): Musculoskeletal Disorder Risk Assessment in small scale forging Industry by using RULA Method. *International Journal of Engineering and Advanced Technology (IJEAT)* ISSN: 2249 – 8958; 1(5):135-146
- Singh, J.P., Gupta, S.B., Shrotriya, V.P., Singh, P.N. (2013): Study of nutritional status among under five children attending outpatient department at a primary care rural

- hospital, Bareilly (UP). *Sch J App Med Sci*; **1(6)**: 769-773.
- Singh, L.P. (2010): Work posture assessment in forging industry: An exploratory study in India. *International Journal of Advanced Engineering Technology*; **1(3)**: 358-66.
- Siri, W.E. (1956): Gross composition of the body. In: *Advances in Biological and Medical Physics*, J.H. Lawrence and C.A. Tobias (Ed.), Academic Press, New York.
- Small Industries Service Institute (SISI) Cuttack Cluster Balakati. (2005): Diagnostic study report of brass and bell metal cluster at Balakati and Khurda, Orisha. <https://www.scribd.com/document/137058194/Diagnostic-Study-Report-of-Bell-and-Metal-Cluster>
- Söderback, I. (2009): Occupational Therapy: Emphasis on Clinical Practice. In *International Handbook of Occupational Therapy Interventions* (pp 13-35). Springer, New York.
- Stanton, N.A., Hedge, A., Brookhuis, K., Salas, E., Hendrick, H.W. (Ed.). (2004): *Handbook of human factors and ergonomics methods*. CRC press, New York:1-43.
- Stephoe, A., and Kivimäki, M. (2013): Stress and cardiovascular disease: an update on current knowledge. *Annual review of public health*; **34**: 337-354.
- Stevens, J., McClain, J.E., Truesdale, K.P. (2008): Selection of measures in epidemiologic studies of the consequences of obesity. *International Journal of Obesity*; **32(S3)**:S60-S66.
- Suh, H.R., Kim, T.H., and Han, G.S. (2015): The effects of high-frequency transcutaneous electrical nerve stimulation for dental professionals with work-related musculoskeletal disorders: a single-blind randomized placebo-controlled trial. *Evidence-Based Complementary and Alternative Medicine*; **55**:1-10.
- Summers, D., Hager, D., Imed, H., Louisa, G., Sonia, C., Peter, B., and Zouhair, T. (2015): COPD in nonsmokers: Reports from the Tunisian population-based Burden of Obstructive Lung Disease Study. *PLoS One*; **11(3)**: e0151981.
- Sung, B.R. (1996): Grip Strength Testing. *Strength and Conditioning Journal*; **18(5)**:32-35.
- Syamlal, G., Doney, B., Mazurek, J. M. (2019):Chronic Obstructive Pulmonary Disease Prevalence Among Adults Who Have Never Smoked, by Industry and Occupation — United States, 2013–2017. *US Department of Health and Human Services/Centers for Disease Control and Prevention MMWR*; 68 (13).
- Tesfaye, F., Nawi, N.G., Minh, H.V., Byass, P., Berhane, Y., Bonita, R., and Wall, S. (2007): Association between body mass index and blood pressure across three populations in Africa and Asia. *Journal of Human Hypertension*; **21(1)**: 28-37.
- Thatcher, A. (2013): Green ergonomics: definition and scope. *Ergonomics*; **56(3)**: 389- 398.

- Theou, O., Jones, G.R., Overend, T.J., Kloseck, M., Vandervoort, A.A. (2008): An exploration of the association between frailty and muscle fatigue. *Applied Physiology, Nutrition, and Metabolism*; **33(4)**: 651-665.
- Thun, S., and Løvseth, L.T. (2016): A Health Impairment Process of Sickness Presenteeism in Norwegian Physicians: The Mediating Role of Exhaustion. *Health*; **8(9)**: 846.
- Tonello, L., Rodrigues, F.B., Souza, J.W., Campbell, C.S., Leicht, A.S., Boulosa, D.A. (2014): The role of physical activity and heart rate variability for the control of work related stress. *Frontiers in physiology*; **5(67)**: 1-9.
- Trejo, A., Jung, M.C., Oleynikov, D., Hallbeck, M.S. (2007): Effect of handle design and target location on insertion and aim with a laparoscopic surgical tool. *Applied Ergonomics*; **38(6)**: 745-753.
- Trites, D.G., Robinson, D.G, and Banister, E.W. (1993): Cardiovascular and muscular strain during a tree planting season among British Columbia silviculture workers. *Ergonomics*; **36 (8)**: 935-49.
- Tuomivaara, S., Lindholm, H., Käsälä, M. (2017): Short-term physiological strain and recovery among employees working with agile and lean methods in software and embedded ICT systems. *International Journal of Human-Computer Interaction*; **1(11)**: 857-867.
- UNIDO Annual Report (2015): Sustainable Development Knowledge, Publishing production: English, Publishing and Library Section, United Nations Office at Vienna. <https://sustainabledevelopment.un.org/.../2031UNIDO%20Annual%20Report%2020201>.
- Van der Giessen, R.N., Speksnijder, C.M., Helders, P.J.M. (2012): The effectiveness of graded activity in patients with non-specific low-back pain: a systematic review. *Disability and rehabilitation*; **34(13)**:1070-1076.
- Van Eerd, D., Munhall, C., Irvin, E., Rempel, D., Brewer, S., Van Der Beek, A.J., ...and Amick, B. (2016): Effectiveness of workplace interventions in the prevention of upper extremity musculoskeletal disorders and symptoms: an update of the evidence. *Occup Environ Med*; **73(1)**: 62-70.
- Van Herp, G., Rowe, P., Salter, P., and Paul, J.P. (2000): Three-dimensional lumbar spinal kinematics: a study of range of movement in 100 healthy subjects aged 20 to 60+ years. *Rheumatology*; **39(12)**: 1337-1340.
- Van Hoof, W., Volkaerts, K., O'Sullivan, K., Verschueren, S., Dankaerts, W. (2012): Comparing lower lumbar kinematics in cyclists with low back pain (flexion pattern)

- versus asymptomatic controls—field study using a wireless posture monitoring system. *Manual therapy*; **17(4)**: 312-317.
- Vasudev, S., Mohan, A., Mohan, D., Farooq, S., Raj, D., and Mohan, V. (2004): Validation of body fat measurement by skin folds and two bioelectric impedance methods with DEXA—the Chennai Urban Rural Epidemiology Study [CURES-3]. *J Assoc Physicians India*; **52**: 877-81.
- Venkatramana, P., Chandrasekhar Rao, P., Annaiah, P., Madhavi, P., Chengal Reddy, P. (2005): Prevalence of overweight and obesity among the rural populations of Andhra Pradesh. *Human Ecology (Special Issue)*; **13**: 111-114.
- Verma, R., and Madhavi, K. (2017): The Effect of Postural Education on Decreasing the Severity of Neck Pain in Female School Teachers: A Prospective Cohort Study. *International Journal of Therapies and Rehabilitation Research*; **6(1)**: 24- 31.
- Vijendren, A., Yung, M., Sanchez, J., and Duffield, K. (2016): Occupational musculoskeletal pain amongst ENT surgeons—are we looking at the tip of an iceberg? *The Journal of Laryngology & Otology*; **130(5)**: 490-496.
- Virmavirta, M., and Isolehto, J. (2014): Determining the location of the body's center of mass for different groups of physically active people. *Journal of biomechanics*; **47(8)**: 1909-1913.
- Vitalis, A., Pournaras, N.D., Jeffrey, G.B., Tsagarakis, G., Monastiriotes, G., and Kavvadias, S. (1994): Heart rate strain indices in Greek steelworkers. *Ergonomics*; **37(5)**: 845-850.
- Vyavahare, R.T., and Kallurkar, S. (2012): Anthropometric and strength data of Indian agricultural workers for equipment design: a review. *Agricultural Engineering International*; **14(4)**: 102-114.
- Wadden, T.A., Webb, V.L., Moran, C.H., Bailer, B.A. (2012): Lifestyle modification for obesity: new developments in diet, physical activity, and behavior therapy. *Circulation*; **125(9)**: 1157-1170.
- Waldo, B.R. (1996): Grip Strength Testing. *Strength and Conditioning Journal*; **18(5)**: 32-35.
- Wallius, V.B., and Mukkannavar, P.B. (2016): Comparative study of grip strength in different positions of shoulder and elbow with wrist in neutral and extension positions. *Journal of Exercise Science and Physiotherapy*; **5(2)**: 67-75.
- Wami, J.R.V., Pereira, R.M., and da Silv, R.P. (2018): Veronesi Index of Ergonomic Risk for Activities Repetitive of Members Upper Limbs. *Procedia Manufacturing*;

- 3(2015):** 4456-4463.
- Wandner, L.D., Scipio, C.D., Hirsh, A.T., Torres, C.A., Robinson, M.E. (2012): The perception of pain in others: how gender, race, and age influence pain expectations. *The Journal of Pain*; **13(3)**: 220-227.
- Wang, T.C., and Liu, C.C. (2014): Optimal work shift scheduling with fatigue minimization and day off preferences. *Mathematical Problems in Engineering*; **2014(1)**:1-8.
- Waters, T.R., and Dick, R.B. (2015): Evidence of health risks associated with prolonged standing at work and intervention effectiveness. *Rehabilitation Nursing*; **40(3)**: 148-165.
- Week Lee, and Kim, M.A. (2015): Experienced workers exhibit distinct torso kinematics/kinetics and patterns of task dependency during repetitive lifts and lowers. *Ergonomics*; **55(12)**: 1535-1547
- Widanarko, B., Legg, S., Devereux, J., and Stevenson, M. (2015): Interaction between physical and psychosocial risk factors on the presence of neck/shoulder symptoms and its consequences. *Ergonomics*; **58(9)**: 1507-1518.
- Widanarko, B., Legg, S., Devereux, J., and Stevenson, M. (2015): Interaction between physical and psychosocial risk factors on the presence of neck/shoulder symptoms and its consequences. *Ergonomics*; **58(9)**: 1507-1518
- Widmaier, E. P., Raff, H., Strang, K. T.(2010): "Muscle," in Vander's Human Physiology: The Mechanisms of Body Function. *McGraw-Hill, New York, NY, USA*; **12**: 250– 29.
- Williams, J. S., Ng, N., Peltzer, K., Yawson, A., Biritwum, R., Maximova, T.,...and Chatterji, S. (2015): Risk factors and disability associated with low back pain in older adults in low-and middle-income countries. Results from the WHO study on global AGEing and adult health (SAGE). *PLoS One*; **10(6)**: e0127880.
- Williamson, A.M. (2000): Managing stress in the workplace: Part II–The Scientific basis (knowledge base) for the guide. *Ergonomics Guidelines and Problem Solving*; **1**:437-62.
- Wilson, J.R. and Corlette, E.N. (1985): Evaluation of human work- a practical ergonomics methodology. Taylor & Francis, London.
- World Health Organization (1986): Use and interpretation of anthropometric indicators of nutritional status. *Bulletin of the World Health Organization*; **64**: 929-941.
- World Health Organization (1995): Physical status: the use and interpretation of anthropometry. Technical Report series no.854. World Health Organization, Geneva, Switzerland.

- World Health Organization (2012): Obesity and overweight: fact sheet No. 311.<http://www.who.int/mediacentre/factsheets/fs311/en/index.html>.
- Yadav, and Gite, H. (1982): Influence of arm and wrist support on forearm and back muscle activity in computer keyboard operation. *Applied ergonomics*; **40(2)**: 286-291.
- You, H., Kumar, A., Young, R., Veluswamy, P., Mahl Zahn, D.E. (2005): An ergonomic evaluation of manual clecoplier designs: Effects of rubber grip, spring recoil, and worksurface angle. *Applied Ergonomics*; **36(5)**: 575-583.