

DAFTAR PUSTAKA

- [1] P. Blaga, B.-M. Cășeriu, B. Bucur, and C. Veres, “A Comprehensive Review of Ergonomics and Human Factors Engineering for Enhancing Comfort and Efficiency in Transport Systems,” *Systems*, vol. 13, no. 1, p. 35, Jan. 2025, doi: 10.3390/systems13010035.
- [2] T. Neumann, “Analysis of Advanced Driver-Assistance Systems for Safe and Comfortable Driving of Motor Vehicles,” *Sensors*, vol. 24, no. 19, p. 6223, Sep. 2024, doi: 10.3390/s24196223.
- [3] J. Chen, C. Zhao, S. Jiang, X. Zhang, Z. Li, and Y. Du, “Safe, Efficient, and Comfortable Autonomous Driving Based on Cooperative Vehicle Infrastructure System,” *Int J Environ Res Public Health*, vol. 20, no. 1, p. 893, Jan. 2023, doi: 10.3390/ijerph20010893.
- [4] L. Pachocki, K. Daszkiewicz, P. Łuczkiwicz, and W. Witkowski, “Biomechanics of Lumbar Spine Injury in Road Barrier Collision—Finite Element Study,” *Front Bioeng Biotechnol*, vol. 9, Nov. 2021, doi: 10.3389/fbioe.2021.760498.
- [5] M. Alizadeh, G. G. Knapik, P. Mageswaran, E. Mendel, E. Bourekas, and W. S. Marras, “Biomechanical musculoskeletal models of the cervical spine: A systematic literature review,” *Clinical Biomechanics*, vol. 71, pp. 115–124, Jan. 2020, doi: 10.1016/j.clinbiomech.2019.10.027.
- [6] K. V. R. Kumar and S. Elias, “Real-Time Tracking of Human Neck Postures and Movements,” *Healthcare*, vol. 9, no. 12, p. 1755, Dec. 2021, doi: 10.3390/healthcare9121755.
- [7] H. Hani *et al.*, “Reliability of a Wearable Motion Tracking System for the Clinical Evaluation of a Dynamic Cervical Spine Function,” *Sensors*, vol. 23, no. 3, p. 1448, Jan. 2023, doi: 10.3390/s23031448.
- [8] G. Chen *et al.*, “Computational biomechanics for a standing human body: Modal analysis and simulation,” *Int J Numer Method Biomed Eng*, vol. 40, no. 9, Sep. 2024, doi: 10.1002/cnm.3841.
- [9] M. Alizadeh *et al.*, “An electromyography-assisted biomechanical cervical spine model: Model development and validation,” *Clinical Biomechanics*, vol. 80, p. 105169, Dec. 2020, doi: 10.1016/j.clinbiomech.2020.105169.

- [10] S. Krašna and S. Đorđević, “Estimating the Effects of Awareness on Neck-Muscle Loading in Frontal Impacts with EMG and MC Sensors,” *Sensors*, vol. 20, no. 14, p. 3942, Jul. 2020, doi: 10.3390/s20143942.
- [11] K. J. Singh, S. K. Palei, and N. C. Karmakar, “Role of contributing factors on health risks of whole-body vibration exposure of heavy equipment and vehicle operators: A critical review,” *Journal of Vibration and Control*, vol. 30, no. 11–12, pp. 2338–2355, Jun. 2024, doi: 10.1177/10775463231185627.
- [12] D. Rafique, U. Heggli, D. Bron, D. Colameo, P. Schweinhardt, and J. Swanenburg, “Effects of increasing axial load on cervical motor control,” *Sci Rep*, vol. 11, no. 1, p. 18627, Sep. 2021, doi: 10.1038/s41598-021-97786-3.
- [13] T. Whyte *et al.*, “A neck compression injury criterion incorporating lateral eccentricity,” *Sci Rep*, vol. 10, no. 1, p. 7114, Apr. 2020, doi: 10.1038/s41598-020-63974-w.
- [14] L. G. F. Giles, “Letters,” *Spine (Phila Pa 1976)*, vol. 23, no. 3, p. 395, Feb. 1998, doi: 10.1097/00007632-199802010-00023.
- [15] R. W. Nightingale, J. H. McElhaney, W. J. Richardson, and B. S. Myers, “Dynamic responses of the head and cervical spine to axial impact loading,” *J Biomech*, vol. 29, no. 3, pp. 307–318, Mar. 1996, doi: 10.1016/0021-9290(95)00056-9.
- [16] F. A. Pintar, N. Yoganandan, and D. J. Maiman, “Lower Cervical Spine Loading in Frontal Sled Tests Using Inverse Dynamics: Potential Applications for Lower Neck Injury Criteria,” Nov. 2010. doi: 10.4271/2010-22-0008.