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**2023****Mechanical characterisation of supernumerary robotic tails for human balance augmentation.**Abeywardena S, Anwar E, Miller SC and Farkhatdinov I. *Journal of Mechanisms and Robotics. American Society of Mechanical Engineers.***Towards enhanced stability of human stance with a supernumerary robotic tail.**Abeywardena S and Farkhatdinov I. *Ieee Robotics and Automation Letters. Institute of Electrical and Electronics Engineers.***Implementation of a Stereo Vision System for a Mixed Reality Robot Teleoperation Simulator.**Smiles AL, Chavanakunakorn KD, Omarali B, Oh C and Farkhatdinov I. *Towards Autonomous Robotic Systems 494-502. Springer Nature.***The Impact of Stiffness in Bimanual Versus Dyadic Interactions Requiring Force Exchange.**Pea-Perez N, Mutalib SA, Eden J, Farkhatdinov I and Burdet E. *Ieee Transactions On Haptics vol. 16, (4) 609-615. Institute of Electrical and Electronics Engineers (Ieee).***Feeling Good: Validation of Bilateral Tactile Telemanipulation for a Dexterous Robot.**Giudici G, Omarali B, Bonzini AA, Althoefer K, Farkhatdinov I and Jamone L. *Towards Autonomous Robotic Systems 443-454. Springer Nature.***2022****How virtual and mechanical coupling impact bimanual tracking.**Peña-Pérez N, Eden J, Ivanova E, Farkhatdinov I and Burdet E. *Journal of Neurophysiology. American Physiological Society.***Haptic Ankle Platform for Interactive Walking in Virtual Reality.**Otaran A and Farkhatdinov I. *Ieee Transactions On Visualization and Computer Graphics vol. 28, (12) 3974-3985. Institute of Electrical and Electronics Engineers (Ieee).***Design, characterisation and validation of a haptic interface based on twisted string actuation.**Skvortsova V, Nedelchev S, Brown J, Farkhatdinov I and Gaponov I. *Frontiers in Robotics and Ai vol. 9, Frontiers.***Evaluation of a Portable fMRI Compatible Robotic Wrist Interface.**Farkhatdinov I, Garnier A, Arichi T, Bleuler H and Burdet E. *Annual International Conference of The Ieee Engineering in Medicine and Biology Society (Embc) vol. 00, 2535-2539. Institute of Electrical and Electronics Engineers (Ieee).***Human balance augmentation via a supernumerary robotic tail.**Abeywardena S, Anwar E, Miller S and Farkhatdinov I. *Annual International Conference of The Ieee Engineering in Medicine and Biology Society (Embc) vol. 00, 2878-2881. Institute of Electrical and Electronics Engineers (Ieee).***Is a robot needed to modify human effort in bimanual tracking?.**Perez N, Eden J, Ivanova E, Burdet E and Farkhatdinov I. *Ieee Robotics and Automation Letters. Institute of Electrical and Electronics Engineers.*

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