

Calculation of optimal design for knee joint smart orthosis

Turchinovich, Nikita; Krokhaleva, Nadezhda; Monahov, Yury; **Sivitski, Alina**; Perepelkina, Svetlana; **Penkov, Igor**; **Arjassov, Gennadi** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 214-218 : ill <http://innomet.ttu.ee/daaam/>

Modeling of the human lower-limb motion, design and control of knee joint orthosis

Musalimov, Victor; Monahov, Yury; **Tamre, Mart**; Rõbak, Dmitri; **Sivitski, Alina**; Arjassov, Gennady; **Penkov, Igor** International review on modelling and simulations (IREMOS) 2017 / p. 371-376 <https://doi.org/10.15866/iremos.v10i5.11853> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of the human knee joint supported by active orthosis

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Motion modeling of the human lower limb, supported by orthoses

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Precision of simulation models of human lower limb motion

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Ultrasound screening of patellar tendinopathy in female field hockey athletes

Dereka, Tetiana; Yezhova, Olha; Stepanenko, Olexandr; **Demikhova, Nadiia** Zdravotnicke listy 2024 / p. 51-56 <https://zl.tnuni.sk/index.php?id=14> [Journal metrics at Scopus](#) [Article at Scopus](#)