

ORIGINAL RESEARCH

- RELIABILITY AND SOURCE OF ERRORS IN END-TIDAL GAS CONCENTRATION EVALUATION ALGORITHMS DURING AVALANCHE SNOW AND REBREATHING EXPERIMENTS** 73
(Karel Roubík, Jan Filip)
- METHODS FOR AUTOMATIC ESTIMATION OF THE NUMBER OF CLUSTERS FOR K-MEANS ALGORITHM USED ON EEG SIGNAL: FEASIBILITY STUDY** 81
(Jan Štrobl, Marek Piorecký, Vladimír Krajča)
- DETERMINATION OF THE GEOMETRICAL AND VISCOELASTIC PROPERTIES OF SCAFFOLDS MADE BY ADDITIVE MANUFACTURING USING BIOPLOTTER** 88
(Alena Balogová, Ondrej Pindroch, Simona Bodnárová, Jozef Feranc, Radovan Hudák, Jozef Živčák)
- DEVELOPMENT OF NEW TECHNIQUE FOR ACCURATE WEAR ANALYSIS OF EXPLANTED TOTAL HIP REPLACEMENTS** 96
(Vlastimil Králík, Jan Mervart, Jakub Kronek)
- DESIGN OF AN EXPERIMENTAL LASER SPECKLE CONTRAST IMAGING SYSTEM AND IMAGE EVALUATION** 101
(Branislav Hesko, Vratislav Harabiš, Radim Kolář)