# Magdalena Å»uk

## List of Publications by Year
in descending order

| 23 papers | 328 citations | 1051969 10 h-index | 993246 17 g-index |
|---|---|---|---|
| 23 all docs | 23 docs citations | 23 times ranked | 439 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Three-dimensional gait analysis using a virtual reality tracking system. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110627. | 2.5 | 2 |
| 2 | Augmented reality visualization for aiding biopsy procedure according to computed tomography based virtual plan. Acta of Bioengineering and Biomechanics, 2021, 23, 81-89. | 0.2 | 0 |
| 3 | The Technological Process of Obtaining New Linen Dressings Did Not Cause the Loss of Their Wound-Healing Properties. Materials, 2021, 14, 7736. | 1.3 | 1 |
| 4 | Supporting fibula free flap harvest with augmented reality: A proof‐of‐concept study. Laryngoscope, 2020, 130, 1173-1179. | 1.1 | 19 |
| 5 | Were our Ancestors Right in Using Flax Dressings? Research on the Properties of Flax Fibre and Its Usefulness in Wound Healing. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10. | 1.9 | 4 |
| 6 | Supporting mandibular resection with intraoperative navigation utilizing augmented reality technology â€" A proof of concept study. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 854-859. | 0.7 | 38 |
| 7 | Navigation-guided fibula free flap for mandibular reconstruction: A proof of concept study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 572-580. | 0.5 | 18 |
| 8 | A Preliminary Evaluation of a Basic Fluorescence Image Processing in MentorEye System Using Artificially Prepared Phantoms. Advances in Intelligent Systems and Computing, 2019, , 89-100. | 0.5 | 1 |
| 9 | An Application of aÂHaptic Device in aÂComputer Aided Surgery. Advances in Intelligent Systems and Computing, 2019, , 194-204. | 0.5 | 0 |
| 10 | Use of the surface electromyography for a quantitative trend validation of estimated muscle forces. Biocybernetics and Biomedical Engineering, 2018, 38, 243-250. | 3.3 | 18 |
| 11 | Evaluation of Calibration Procedure for Stereoscopic Visualization Using Optical See-Through Head Mounted Displays for a Complex Oncological Treatment. Lecture Notes in Computational Vision and Biomechanics, 2018, , 354-359. | 0.5 | 1 |
| 12 | Influence of Uncertainty in Selected Musculoskeletal Model Parameters on Muscle Forces Estimated in Inverse Dynamics-Based Static Optimization and Hybrid Approach. Journal of Biomechanical Engineering, 2018, 140, . | 0.6 | 16 |
| 13 | The Rigid Registration of CT and Scanner Dataset for Computer Aided Surgery. Lecture Notes in Computational Vision and Biomechanics, 2018, , 345-353. | 0.5 | 3 |
| 14 | Biopsy Procedure Applied in MentorEye Molecular Surgical Navigation System. Lecture Notes in Computational Vision and Biomechanics, 2018, , 338-344. | 0.5 | 2 |
| 15 | The Influence of Uncertainty in Body Segment Mass on Calculated Joint Moments and Muscle Forces. Advances in Intelligent Systems and Computing, 2016, , 349-359. | 0.5 | 1 |
| 16 | Kinematic Analysis of a Six-Degrees-of-Freedom Model Based on ISB Recommendation: A Repeatability Analysis and Comparison with Conventional Gait Model. Applied Bionics and Biomechanics, 2015, 2015, 1-9. | 0.5 | 35 |
| 17 | Image-guided bone resection as a prospective alternative to cutting templatesâ€"A preliminary study. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1021-1027. | 0.7 | 22 |
| 18 | Hip Joint Centre Localization: Evaluation of Formal Methods and Effects on Joint Kinematics. Advances in Intelligent Systems and Computing, 2014, , 57-67. | 0.5 | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Engineering Flax Plants To Increase Their Antioxidant Capacity and Improve Oil Composition and Stability. Journal of Agricultural and Food Chemistry, 2012, 60, 5003-5012. | 2.4 | 30 |
| 20 | Flavonoid engineering of flax potentiate its biotechnological application. BMC Biotechnology, 2011, 11, 10. | 1.7 | 64 |
| 21 | New dressing materials derived from transgenic flax products to treat long-standing venous ulcers-a pilot study. Wound Repair and Regeneration, 2010, 18, 168-179. | 1.5 | 43 |
| 22 | Anatomical protocol for gait analysis: joint kinematics measurement and its repeatability. Journal of Theoretical and Applied Mechanics, 0, , 369. | 0.2 | 5 |
| 23 | â€œImage to patientâ€•equal-resolution surface registration supported by a surface scanner: analysis of algorithm efficiency for computer-aided surgery. International Journal of Computer Assisted Radiology and Surgery, 0, , . | 1.7 | 0 |