

# Magdalena Å»uk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9024110/publications.pdf>

Version: 2024-02-01

23  
papers

328  
citations

933447

10  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

412  
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.	5.0	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.	0.4	0
3	The Technological Process of Obtaining New Linen Dressings Did Not Cause the Loss of Their Wound-Healing Properties. Materials, 2021, 14, 7736.	2.9	1
4	Supporting fibula free flap harvest with augmented reality: A proof of concept study. Laryngoscope, 2020, 130, 1173-1179.	2.0	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.	4.0	4
6	Supporting mandibular resection with intraoperative navigation utilizing augmented reality technology – A proof of concept study. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 854-859.	1.7	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.	1.0	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.	0.6	1
9	An Application of a Haptic Device in a Computer Aided Surgery. Advances in Intelligent Systems and Computing, 2019, , 194-204.	0.6	0
10	Use of the surface electromyography for a quantitative trend validation of estimated muscle forces. Biocybernetics and Biomedical Engineering, 2018, 38, 243-250.	5.9	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, .	1.3	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.	0.6	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.	1.1	35
17	Image-guided bone resection as a prospective alternative to cutting templates – A preliminary study. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1021-1027.	1.7	22
18	Hip Joint Centre Localization: Evaluation of Formal Methods and Effects on Joint Kinematics. Advances in Intelligent Systems and Computing, 2014, , 57-67.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Engineering Flax Plants To Increase Their Antioxidant Capacity and Improve Oil Composition and Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5003-5012.	5.2	30
20	Flavonoid engineering of flax potentiate its biotechnological application. <i>BMC Biotechnology</i> , 2011, 11, 10.	3.3	64
21	New dressing materials derived from transgenic flax products to treat long-standing venous ulcers-a pilot study. <i>Wound Repair and Regeneration</i> , 2010, 18, 168-179.	3.0	43
22	Anatomical protocol for gait analysis: joint kinematics measurement and its repeatability. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 369.	0.5	5
23	â€œImage to patientâ€-equal-resolution surface registration supported by a surface scanner: analysis of algorithm efficiency for computer-aided surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 0, , .	2.8	0