

## Ausgewählte Publikationen

### Department für Biomedizinische Informatik und Mechatronik

- (1) Tappeiner, E., Pröll, S., Fritscher, K., Welk, M., Schubert, R. Training of head and neck segmentation networks with shape prior on small datasets. *International Journal of Computer Assisted Radiology and Surgery*. 2020; 15:1417-1425. doi: 10.1007/s11548-020-02175-2. (UMIT TIROL-Kategorisierung: A2)
- (2) Dehmer, M., Chen, Z., Emmert-Streib, F., Mowshowitz, A., Varmuza, K., Feng, L., Jodlbauer, H., Shi, Y., Tao, J. The Orbit-Polynomial: A Novel Measure of Symmetry in Networks. *IEEE Access*. 2020; 8:36100-36112 | (UMIT TIROL-Kategorisierung: A1)
- (3) Wurm, J., Mayer, L., Woittennek, F. Feedback Control of Water Waves in a Tube with Moving Boundary”, *European Journal of Control*, 2021, doi: 10.1016/j.ejcon.2021.06.016 | (UMIT TIROL-Kategorisierung: A2)
- (4) Ecklebe, S., Woittennek, F., Frank-Rotsch, C., Dropka, N., Winkler, J. Toward Model-Based Control of the Vertical Gradient Freeze Crystal Growth Process, February 2021, *IEEE Transactions on Control Systems Technology* 99:1-8, doi: 10.1109/TCST.2021.3058006 | (UMIT TIROL-Kategorisierung: A1)
- (5) Jaufenthaler, A., Kornack, T., Lebedev, V., Limes, M. E., Körber, R., Liebl, M., Baumgarten, D. Pulsed Optically Pumped Magnetometers: Addressing Dead Time and Bandwidth for the Unshielded Magnetorelaxometry of Magnetic Nanoparticles. *Sensors*. 2021; 21 (4):art. 1212. doi: 10.3390/s21041212 | (UMIT TIROL-Kategorisierung: A1)
- (6) Gonella, V., Hanser, F., Vorwerk, J., Odenbach, S., Baumgarten, D. Influence of local particle concentration gradient forces on the flow-mediated mass transport in a numerical model of magnetic drug targeting. *Journal of Magnetism and Magnetic Materials*. 2021; 525:167490. doi: 10.1016/j.jmmm.2020.167490 | (UMIT TIROL-Kategorisierung: A2)
- (7) Lamprecht, R., Scheible, F., Sutor, A. Comparison of Multiple Moisture-Measurement Techniques Applied on Biological Tissue. *tm - Technisches Messen*. 2021; 88 (s1):s101-s106. doi: 10.1515/teme-2021-0065 | (UMIT TIROL-Kategorisierung: A2)
- (8) Scheible, F., Lamprecht, R., Semmler, M., Sutor, A. Dynamic Biomechanical Analysis of Vocal Folds Using Pipette Aspiration Technique. *Sensors*. 2021; 21 (9):2923. doi: 10.3390/s21092923 | (UMIT TIROL-Kategorisierung: A1)

- (9) Ammenwerth, E., Neyer, S., Hörbst, A., Müller, G., Siebert, U., Schnell-Inderst, P. Adult patient access to electronic health records. Cochrane Database of Systematic Reviews. 2021; 2:1. doi: 10.1002/14651858.CD012707.PUB2 | (UMIT TIROL-Kategorisierung: A1)
- (10) Ammenwerth E, Neyer S, Hörbst A, Mueller G, Siebert U, Schnell-Inderst P. Adult patient access to electronic health records. Cochrane Database of Systematic Reviews 2021 Feb 26;2: No.: CD012707. <https://doi.org/10.1002/14651858.CD012707.pub2>.
- (11) Barbieri, Fabian / Adukauskaite, Agne / Heidbreder, Anna / Brandauer, Elisabeth / Bergmann, Melanie / Stefani, Ambra / Holzknecht, Evi / Senoner, Thomas / Rubatscher, Andrea / Schgör, Wilfried / Stühlinger, Markus / Pfeifer, Bernhard Erich / Bauer, Axel / Hintringer, Florian / Högl, Birgit / Dichtl, Wolfgang  
Central Sleep Apnea and Pacing-Induced Cardiomyopathy  
2021-01 American Journal of Cardiology , Vol. 139
- (12) Poelzl, G. / Egelseer-Bruendl, T. / Pfeifer, B. / Modre-Osprian, R. / Welte, S. / Fetz, B. / Krestan, S. / Haselwanter, B. / Zaruba, M. M. / Doerler, J. / Rissbacher, C. / Ammenwerth, E. / Bauer, A.  
Feasibility and effectiveness of a multidimensional post-discharge disease management programme for heart failure patients in clinical practice: the HerzMobil Tirol programme.  
2021-07 Clinical research in cardiology : official journal of the German Cardiac Society