

## Andreas Holzinger

### Selected 10 peer reviewed journal publications of the last 5 years (as of 18.04.2018)

- 1) Jean-Quartier, C., Jeanquartier, F., Jurisica, I. & **Holzinger, A.** (2018). In silico cancer research towards 3R. *Springer/Nature BMC Cancer*, 18, (1), 408, doi:10.1186/s12885-018-4302-0.
- 2) O'Sullivan, S., **Holzinger, A.**, Zatloukal, K., Saldiva, P., Sajid, M.I. & Dominic, W. (2017). Machine learning enhanced virtual autopsy. *Autopsy Case Report*, 7, (4), 3-7, doi:10.4322/acr.2017.037.
- 3) **Holzinger, A.** (2016). Interactive Machine Learning for Health Informatics: When do we need the human-in-the-loop? *Springer Brain Informatics*, 3, 1-13. doi: 10.1007/s40708-016-0042-6
- 4) Hund, M., Böhm, D., Sturm, W., Sedlmair, M., Schreck, T., Ullrich, T., Keim, D. A., Majnaric, L., & **Holzinger, A.** (2016). Visual analytics for concept exploration in subspaces of patient groups. *Springer Brain Informatics*, 1-15. doi: 10.1007/s40708-016-0043-5
- 5) Girardi, D., Küng, J., Kleiser, R., Sonnberger, M., Csillag, D., Trenkler, J., & **Holzinger, A.** (2016). Interactive knowledge discovery with the doctor-in-the-loop: a practical example of cerebral aneurysms research. *Springer Brain Informatics*, 3, 1-11. doi: 10.1007/s40708-016-0038-2
- 6) Jeanquartier, F., Jean-Quartier, C., & **Holzinger, A.** (2015). Integrated Web visualizations for protein-protein interaction databases. *Springer/Nature BMC Bioinformatics*, 16 (1), 195. doi: 10.1186/s12859-015-0615-z
- 7) **Holzinger, A.**, Dehmer, M., & Jurisica, I. (2014). Knowledge Discovery and interactive Data Mining in Bioinformatics - State-of-the-Art, future challenges and research directions. *Springer/Nature BMC Bioinformatics*, 15(S6), 11. doi:10.1186/1471-2105-15-S6-11
- 8) **Holzinger, A.** (2014). Trends in Interactive Knowledge Discovery for Personalized Medicine: Cognitive Science meets Machine Learning. *IEEE Intelligent Informatics Bulletin*, Volume 15, Issue 1, 6–14.
- 9) Müller, H., Reihls, R., Zatloukal, K., & **Holzinger, A.** (2014). Analysis of biomedical data with multilevel glyphs. *Springer/Nature BMC Bioinformatics*, 15, S6, S5. doi:10.1186/1471-2105-15-S6-S5
- 10) **Holzinger, A.**, & Zupan, M. (2013). KNODWAT: A scientific framework application for testing knowledge discovery methods for the biomedical domain. *Springer/Nature BMC Bioinformatics*, 14(1), 191. doi: 10.1186/1471-2105-14-191