Literatur

- Anderson, J. R.; Reder, L. M. & Lebiere, C. (1996). Working Memory: Activation Limitations on Retrieval. Cognitive Psychology, 30, (3), 221-256.
- Ausubel, D. P. (1960). The use of advance organizers in the learning and retention of meaningful verbal material. Journal of Educational Psychology, 51, 267-272.
- Ausubel, D. P. 1968. Educational psychology: A cognitive view. New York: Holt, Rinehart & Winston.
- Belk, M.; Germanakos, P.; Fidas, C.; Holzinger, A. & Samaras, G. (2013). Towards the Personalization of CAPTCHA Mechanisms Based on Individual Differences in Cognitive Processing. In: Holzinger, A.; Ziefle, M.; Hitz, M. & Debevc, M. (eds.) Human Factors in Computing and Informatics, Lecture Notes in Computer Science, LNCS 7946. Berlin Heidelberg: Springer, 409-426.
- Card, S. K.; Moran, T. P. & Newell, A. (1983). The psychology of human-computer interaction, Hillsdale (NJ): Erlbaum.
- Cuhls, K.; Ganz, W. & Warnke, P. (2009). Foresight Prozess. Im Auftrag des BMBF. Zukunftsfelder neuen Zuschnitts [Online]. Karlsruhe: Fraunhofer. http://www.bmbf.de/pub/Foresight-Prozess_BMBF_Zukunftsfelder_neuen_Zuschnitts.pdf. [2013-08-24]
- Ebner, M.; Kickmeier-Rust, M. & Holzinger, A. (2008). Utilizing Wiki-Systems in higher education classes: a chance for universal access? Springer Universal Access in the Information Society, 7, (4), 199-207.
- Holzinger, A. & Maurer, H. (1999). Incidental learning, motivation and the Tamagotchi Effect: VR-Friends, chances for new ways of learning with computers. Computer Assisted Learning, CAL 99. London: Elsevier, 70.
- Holzinger, A. & Nischelwitzer, A. (2005). Chameleon Learning Objects: Quasi-Intelligente doppelt adaptierende Lernobjekte: Vom Technologiemodell zum Lernmodell. OCG Journal, 30, (4), 4-6.
- Holzinger, A. (1997). A study about Motivation in Computer Aided Mathematics Instruction with Mathematica 3.0. Mathematica in Education and Research, 6, (4), 37-40.
- Holzinger, A. (2000a). Basiswissen Multimedia Band 2: Lernen. Kognitive Grundlagen multimedialer Informations Systeme. Würzburg: Vogel.
- Holzinger, A. (2000b). Basiswissen Multimedia Band 2: Lernen. Kognitive Grundlagen multimedialer Informationssysteme. Würzburg: Vogel.
- Holzinger, A. (2000c). Multimedia Band 3: Design. Entwicklungstechnische Grundlagen multimedialer Informations-Systeme. Würzburg: Vogel.
- Holzinger, A. (2000d). Effektivität von Multimedia - Motivation, Aufmerksamkeit und Arousal. GMW FORUM, Zeitschrift der Gesellschaft für Medien in der Wissenschaft, 1, (00), 10-13.
- Holzinger, A. (2004). Rapid prototyping for a virtual medical campus interface. Software, IEEE, 21, (1), 92-99.

- Holzinger, A. (2005). Usability engineering methods for software developers. Communications of the ACM, 48, (1), 71-74.
- Holzinger, A. (2013). Human–computer interaction and Knowledge Discovery (HCI-KDD): What is the benefit of bringing those two fields to work together? Multidisciplinary Research and Practice for Information Systems, Springer Lecture Notes in Computer Science LNCS 8127. Heidelberg, Berlin, New York: Springer, 319-328.
- Holzinger, A.; Geier, M. & Germanakos, P. (2012). On the development of smart adaptive user interfaces for mobile e-Business applications: Towards enhancing User Experience – some lessons learned. SciTePress, INSTICC, Setubal. 3-16.
- Holzinger, A.; Kickmeier-Rust, M. D. & Albert, D. (2006). Visualizations, Animations and Simulations for Computer Engineering Education: Is High-Tech Content always necessary? World Conference on Continuing Engineering Education (WCEE 2006). Vienna University of Technology (Austria). 10-16.
- Holzinger, A.; Kickmeier-Rust, M. D. & Ebner, M. (2009). Interactive Technology for Enhancing Distributed Learning: A Study on Weblogs. HCI 2009 23rd British HCI Group Annual Conference on People and Computers: Celebrating People and Technology. Cambridge University (UK): British Computer Society. 309–312.
- Holzinger, A.; Kickmeier-Rust, M. D.; Wassertheurer, S. & Hessinger, M. (2009). Learning performance with interactive simulations in medical education: Lessons learned from results of learning complex physiological models with the HAEMOdynamics SIMulator. Computers & Education, 52, (2), 292-301.
- Holzinger, A.; Nischelwitzer, A. & Kickmeier-Rust, M. D. (2006). Pervasive E-Education supports Life Long Learning: Some Examples of X-Media Learning Objects. World Conference on Continuing Engineering Education. Vienna: WCCEE, 20-26.

  http://www.wccee2006.org/papers/445.pdf [2013-08-24]
- Holzinger, A.; Pichler, A.; Almer, W. & Maurer, H. (2001). TRIANGLE: A Multi-Media test-bed for examining incidental learning, motivation and the Tamagotchi-Effect within a Game-Show like Computer Based Learning Module. Educational Multimedia, Hypermedia and Telecommunication ED-MEDIA. Tampere (Finland): Association for the Advancement of Computing in Education, Charlottesville (VA), 766-771.
- Holzinger, A.; Searle, G. & Wernbacher, M. (2011). The effect of Previous Exposure to Technology (PET) on Acceptance and its importance in Usability Engineering. Universal Access in the Information Society International Journal, 10, (3), 245-260.
- Holzinger, A.; Softic, S.; Stickel, C.; Ebner, M.; Debevc, M. & Hu, B. (2010). Nintendo Wii Remote Controller in Higher Education: Development and Evaluation of a Demonstrator Kit for e-Teaching. Computing & Informatics, 29, (3), 1001-1015.
- Kralm, C. & Blanchaer, M. (1986). Using an advance organizer to improve knowledge application by medical students in computer-based clinical simulations. Journal of Computer Based Instruction, 13, 71-74.
- Niegemann, H. M.; Domagk, S.; Hessel, S.; Hein, A.; Hupfer, M. & Zobel, A. (2008). Kompendium multimediales Lernen. Berlin: Springer.
- Norman, D. A. (1986). Cognitive engineering. In: D. Norman, & S. Draper (Hrsg.), User Centered System Design: New Perspectives on human-computer interaction. Hillsdale (NJ): Erlbaum.
- O'reilly, T. (2006). Web 2.0: Stuck on a name or hooked on value? Dr Dobbs Journal, 31, (7), 10-10.

- O’reilly, T. (2005). What is Web 2.0 – Design Patterns and Business Models for the Next Generation of Software.

  http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html [2013-08-24]
- Piaget, J. (1961). On the development of memory and identity.Worchester (MA): Clark University Press.
- Safran, C.; Ebner, M.; Kappe, F. & Holzinger, A. (2009). m-Learning in the Field: A Mobile Geospatial Wiki as an example for Geo-Tagging in Civil Engineering Education. In: M. Ebner & M. Schiefner (Hrsg.), Looking Toward the Future of Technology-Enhanced Education: Ubiquitous Learning and the Digital Native. New York: IGI Global, 444-454.
- Schulmeister, R. (2002). Taxonomie der Interaktivität von Multimedia – Ein Beitrag zur aktuellen Metadaten-Diskussion (Taxonomy of Interactivity in Multimedia – A Contribution to the Actual Metadata Discussion). it + ti – Informationstechnik und Technische Informatik, 44, (4), 193-199.
- Shapiro, A. M. (1999). The relationship between prior knowledge and interactive overviews during hypermedia-aided learning. Journal of Educational Computing Research, 20, (2), 143-167.
- Shneiderman, B. (1983). Direct manipulation: A step beyond programming languages. IEEE Computer, 16, (8), 57-69.

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