

LIST OF PUBLICATIONS

Prof. David Passig

I. UNTIL LAST PROMOTION

Chapters in Books Prior to Associate Professor

1. Offir, B., Katz, Y. & Passig, D. (1995). The Utilization of Open Courseware for Developing an Inquiry Approach in the Study of Non-Scientific Subjects. In Wright, J. & Benzie, D. (eds). *Exploring a New Partnership: Children, Teachers, and Technology*. Elsevier Science Publishers, Amsterdam, pp. 97-101.
2. Passig, David (1996). Virtual Literacy: Literacy in Virtual Learning Environments. In Didsbury, H.F. (ed). *Future Vision: Ideas, Insights, and Strategies*. World Future Society. Washington, Maryland, pp. 133-146.
3. Passig, David (1996). An Israeli Model of a Networked Teachers' Training Center for Implementation of Information Technology in Curriculum Development. In Benzie, D. & Katz, Y. (eds). *Information Technology*. IFIP. Laxenburg, Austria, pp. 129-137.
4. Passig, David (1997). A preferred scenario for a future core-curriculum, in Paldi, E. (ed.). *Education in Time Test*, Tel-Aviv University, Ramot Publishing, pp. 53-61 (in Hebrew).
5. Passig, David (1997). A Knowledge Based Model of a Networked Teachers' Training Center for In-Service Training with Information and Communication Technology. In Passey, D. & Samways, B. (eds). *Information Technology: Supporting Change through Teacher Education*. Chapman & Hall, London, UK, pp. 132-138.
6. Passig, David & Levin, Haya (1998). Gender Differences with Multimedia Learning Interfaces. In Shoham, S. & Yitzhaki, M. (eds). *Education for All: Culture Reading and Information*. Ahva Coop. Ramat-Gan, Israel, pp. 145-156.
7. Appelberg, L., Bruillard, E., Downes, T., Katz, Y. O'Brian, T., Offir, B., Passey, D. and Passig, D. (2000). Teacher Education for Distance Learning. In Benzie, D. and Passey, D. (eds) *Educational Uses of Information and Communication Technologies*. Publishing of Electronics Industry with IFIP. Beijing, China. pp. 276-282.
8. Passig, David (2000). Young children and toddlers in the future, in Klein, P. (ed.). *Toddlers, Parents and Caregivers: Studies in Child Development in Israel*. Reches Press Israel, pp. 241-256. (Hebrew).
9. Passig, David (2001). A taxonomy of ICT mediated future thinking skills. In Taylor, H. and Hogenbirk, P. (2001) *Information and Communication Technologies in Education: The School of the Future*. Kluwer Academic Publishers, Boston, pp 103-112.
10. Passig, David & Neuman, Talia (2002). Training Kindergarten Teachers with Virtual Reality. In Watson, Deryn & Andersen, Jane (eds) *Networking The Learner*. Kluwer Academic Publishers, pp. 733-744.

11. Passig, David (2003). Using a Lecturer's Personal Web Site to Enhance the Social Interchange among Students in an Academic Course. In Tom J. van Weert and Robert K. Munro (eds). *Informatics and the Digital Society: Social, Ethical and Cognitive issues*. Kluwer Academic Publishers, pp. 269-276.

Papers in Refereed Journals/Periodicals Prior to Associate Professor

1. Offir, B., Katz, Y. & Passig, D. (1994). A Multimedia Alkalmazasa a Kerdezese Tanulasi Technikahoz Valo Adatbank Hasznalataban. *Agria Media*, October, 54-56.
2. Passig, David (1996). Developing Communal Future Jewish Imagery with a Group of Teenagers. *Journal of Jewish Communal Service*. The Journal of the Jewish Communal Service Association, 72(3), 210-216.
3. Passig, David (1997). Imen Delphi: A Delphi Variant Procedure for Emergence. *Human Organization*. Journal of the Society for Applied Anthropology. Southern Methodist University. Dallas, TX. Spring, 56(1), 53-63.
4. Passig, David (1998). An applied Social Systems Procedure for Generating Purposive Sound Futures. *Systems Research and Behavioral Science*. The Official Journal of the International Federation for Systems Research, 15(1), 315-325. Wiley & Sons. England.
5. Passig, David and Levin, Haya (1999). Gender Interest Differences with Multimedia Learning Interfaces among Preschoolers. *Computers in Human Behavior*, 15(2), 173-183. Elsevier Science.
6. Passig, David (1999). Futures' Methodologies as Scientific Tools for the Emergence of Humankind. *World Futures: Journal of General Evolution*. 53(4), 295-307.
7. Passig, David and Eden, Sigal (2000). Improving the Flexible Thinking in Deaf and Hard of Hearing Children with Virtual Reality Technology. *American Annals of the Deaf*, 145(3), 286-291.
8. Passig, David & Eden, Sigal (2000). Enhancing the Induction Skill of Deaf and Hard-of-Hearing Children with Virtual Reality Technology. *Journal of Deaf Studies and Deaf Education*, 5(3), 277-285. Oxford University Press.
9. Passig, David & Sharbat, Aviva (2000). Electronic-Imen-Delphi (EID): An Online Conferencing Procedure. *Education Media International (EMI)*. The official Journal of the International Council for Educational Media (ICEM), 37(1), 58-67. Routledge.
10. Passig, David and Levin, Haya (2000). Gender Preferences for Multimedia Interfaces. *Journal of Computer Assisted Learning*, 16(1), 64-71. Blackwell Science.
11. Passig, David (2000). Teaching Future Jewish Life through a Cross-Generation Future Oriented Curriculum. *Religious Education*. 95(2), 190-214.
12. Passig, David & Sharbat, Aviva (2001). The Why and How VR in Schools: A Preferred Future Pedagogic Mission of VR in Education by a Group of Worldwide Experts in VR & Education. *International Journal of Virtual Reality*. IPI Press, 5(1), 1-11.
13. Passig, D. (2001). Future Online Teachers' Scaffolding: What kind of innovation teachers would like to see on teachers' distance learning Projects? *J. of Technology and Teacher Education (JTATE)*, AACE, 9(4), 599-606.

14. Passig, David & Eden, Sigal (2001). Virtual Reality as a Tool for Improving Spatial Rotation among Deaf and Hard-of-Hearing Children. *CyberPsychology & Behaviour*. 4(6), 681-686.
15. Passig, David (2001). To Study and to Teach the Future. *Journal of Jewish Education*. The American Council for Jewish Education. 66(3), 41-50. (Hebrew)
16. Passig, David, Klein, Pnina & Neuman, Talia (2001). Awareness to Toddlers' Initial Cognitive Experiences with Virtual Reality. *Journal of Computer Assisted Learning*, 17(4), 332-344.
17. Passig, David & Levin, Haya (2001). The Interaction between Gender Age and Multimedia Interfaces Design. *Education & Information Technologies*. The official Journal of the International Federation for Information Processing (IFIP) Technical Committee on Educational, 6(4), 241-250.
18. Passig, David, Neuman, Tali & Eden, Sigal (2002). Improving the Awareness to Toddlers' Initial Emotional Experiences in Kindergarten with Virtual Reality. *Educational Media International*, 39(2), 185-193.
19. Passig, David & Eden, Sigal (2003). Cognitive Intervention, through Virtual Environments, among Deaf and Hard-of-Hearing Children. *European Journal of Special Needs in Education*, 18(2), 173-182.
20. Passig, David (2003). A Taxonomy of future higher thinking skills. *International Journal of Informatics in Education*. The International Journal of the Institute of Mathematics and Informatics, 2(1), 79-92.
21. Passig, David (2004). Future Time Span as a Cognitive Skill in Futures Studies. *Futures Research Quarterly*, 19(4), 27-47.
22. Passig, David (2004). Variations to the Imen-Delphi Procedure aimed at helping in the emergence of communities of interests. *Journal of Organizational Transformation & Social Change*, 1(2-3), 95-109.
23. Passig, David & Sharbat, Aviva (2004). The Imen-Delphi procedure in practice. *Systems Research & Behavioral Science*. The Official Journal of the International Federation for Systems Research. Wiley & Sons. England, 21(2), 187-191.
24. Passig, David and Hasgal, Alon (2004). Decentralization and Integration: Two Contrasting Vectors Which Promise Efficient Knowledge Management in Complex Organizations. *General Systems Bulletin*, 33, 15-20.
25. Passig, David (2006). Melioration as a newer category in Bloom's taxonomy. *Theory into Practice in Curriculum Planning*. The Journal of the Ministry of Education Pedagogical Secretariat, Jerusalem, 18(1), 31-52 (Hebrew).
26. Passig, D. & Cohen, L. (2006). Innovative Combinations: A Tool for Measuring the Melioration Skill. *Teachers College Record*. Research Note. Date Published: October 09, 2006 www.tcrecord.org ID Number: 12776.

II. SINCE LAST PROMOTION

Chapters in Books

1. Passig, D. (2014). The future of nationhood in Israel. In Fania Oz-Salzberger and Yedidia Stern (eds). *The Israeli Nation State: Political, Constitutional and Cultural Challenges*. Boston: Academic Studies Press. 342-366.
 - a) Passig, D. (2017). Future Israelische Nationalstaat. Fania Oz-Salzberger und Yedidia Z. Stern (Hrsg.) *Der Israelische Nationalstaat: Politische, verfassungsrechtliche und kulturelle Herausforderungen*. Aus dem Englischen von Clemens Heni und Michael Kreutz. The Berlin International Center for the Study of Antisemitism (BICSA).

Papers in Refereed Journals/Periodicals

1. Passig, David (2007). Melioration as a higher thinking skill to enhance intelligence. *Teachers College Record*. Columbia University, 109(1), 24–50.
2. Eden, S. and Passig, D. (2007). Three-Dimensionality as an effective mode of Representation for Expressing Sequential Time Perception. *Journal of Educational Computing Research*, 36(1), 51-63.
3. Passig, D. & Schwartz, G. (2007) Collaborative writing: Online vs. frontal. *International Journal on E-Learning*, 6(3), 395-412.
4. Passig, D., Eden, S. and Heled, M. (2007). The impact of Virtual Reality on the awareness of teenagers to social and emotional experiences of immigrant classmates. *Education and Information Technologies*, 12, 267-280.
5. Passig, D. & Moshe, R. (2008). Enhancing pre-service teachers' awareness to pupils' test-anxiety with 3D immersive simulation. *Journal of Educational Computing Research*, 38(3), 355-378.
6. Passig, D. Eden, Sigal & Rosebaum, V. (2008). The Impact of Virtual Reality on Parents' Awareness of Cognitive Perceptions of a Dyslectic Child. *Education and Information Technologies*, 13(4), 329-344.
7. Passig, D. (2009). Improving the sequential time perception of teenagers with mild to moderate mental retardation with 3D Immersive Virtual Reality (IVR). *Journal of Educational Computing Research*, 40(3), 263-280.
8. Passig, D. (2009). The future of VR in education: A future oriented meta-analysis of the literature. *Themes in Science and Technology Education*, Special Issue on Virtual Reality in Education, 2(1-2), 269-293. (Special Issue).
9. Passig, D. & Nadler, L. (2010). Structural and conceptual user interfaces and their impact on learning. *Education and Information Technologies*, 15(1), 51-66.
10. Passig, D. and Eden, S. (2010). Enhancing time-connectives with 3D Immersive Virtual Reality (IVR). *Journal of Educational Computing Research*, 42(3), 307-325.
11. Passig, D. (2011). The impact of Virtual Reality on educators' awareness of the cognitive experiences of a dyslectic student. *Teachers College Record*, 113(1), 181-204.

12. Passig, D. (2014). Usage patterns of communication interfaces for social support among at-risk adolescents. *Education and Information Technologies*, 19(4), 781-804.
13. Passig, D. & Gerstenhaber, M. (2014). A possible pension-savings paradigm for a sustainable future: A developed country case study (UK). *Journal of Organisational Transformation & Social Change*, 11(3), 207-229.
14. Passig, D. & Miler, T. (2014). Solving conceptual and perceptual analogies with Virtual Reality among kindergarten children of emigrant families. *Teachers College Record*, 116(2). Online first February 2014:
www.tcrecord.org/library/Abstract.asp?ContentId=17339
15. Passig, D. & Cohen, L. (2014). Measuring the style of innovative thinking amongst engineering students. *Research in Science & Technological Education*, 32(1), 56-77.
www.tandfonline.com/eprint/bMrwY7mIA9ydfiRpMtHr/full
16. Passig, D. (2015). Revisiting the Flynn Effect through 3D Immersive Virtual Reality (IVR). *Computers and Education*. 88(10), 327-342.
www.sciencedirect.com/science/article/pii/S0360131515001293
17. Passig, D., Cohen, N., Bareket, L. & Morgenstern, O. (2015). Crowd-deliberation as an organizational problem solving tool. *International Journal of Manpower*, 36(7), 1124 - 1143. <http://dx.doi.org/10.1108/IJM-03-2014-0075>
18. Passig, D. & Maidel-Kravetsky, J. (2016). The impact of collaborative online reading on summarizing skills. *Education and Information Technologies*, 21(3), 531-543.
<http://link.springer.com/article/10.1007/s10639-014-9337-5>
19. Passig, D., Tzuriel, D. & Eshel-Kedmi, G. (2016). Ameliorating children's cognitive modifiability through mediated learning and Dynamic Assessment with 3D Immersive VR environments. *Computers and Education*, 95(4), 296-308.
<http://www.sciencedirect.com/science/article/pii/S036013151630015X>

Papers in Revisions

20. Passig, D. (2017). The Educational and Neuropsychological aspects of Futures Thinking Skill: An initial overview of an emerging field.
21. Tzuriel, D., Eshel-Kedmi, G. & Passig, D. (2017). The effects of unique spatial characteristics of 3D-IVR and 2D computerized environments on cognitive modifiability.

Papers in Refereed Journals submitted for Publication

1. Passig, D. & Morgenstern, O. The effect of group size and user-interface on perceived information overload and deliberation outcomes quality in large-scale collaborative deliberation systems.
2. Passig, D. & Zoref, L. Reliability of knowledge in social networks and its impact on crowd wisdom.

Published Books

1. Passig, David (2008). *The Future Code*. Tel-Aviv: Yediot Press. 542 pages in *Hebrew*. (24 weeks in best-seller list. Received Gold Award in 2010).
2. Passig, David (2010). *2048*. Tel-Aviv: Yediot Press. 354 pages in *Hebrew*. (15 weeks in best-seller list. Received Gold Award in 2011).
 - a. Passig, David (2011). *Iki Bin Elli*. Istanbul: Coton Kitap Publication. 387 pages in **Turkish**. (10 weeks in best seller list).
 - b. Passig, David (2013). *2048*. Tel-Aviv: Yediot Press. 427 pages in **English**.
3. Passig, David (2013). *Forcognito—the Future Mind*. Tel-Aviv: Yediot Press. 325 pages in *Hebrew*. (10 weeks at the top of the best seller list).

Book in Preparation

4. Passig, David (2016). *Concealed Future: Supersymmetry in Past Present and Future*.