Special Education Technology Research You Can Use

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Number	Citation	Evidence	Notes
Topic: Apple Watch			
1	Abou, L., Fliflet, A., Hawari, L., Presti, P., Sosnoff, J. J., Mahajan, H. P., ... & Rice, L. A. (2021). Sensitivity of Apple Watch fall detection feature among wheelchair users. *Assistive Technology, 34*(5), 619-625.	6 - Single research study	
2	Wright, R. E., McMahon, D. D., Cihak, D. F., & Hirschfelder, K. (2022). Smartwatch executive function supports for students with ID and ASD. *Journal of Special Education Technology, 37*(1), 63-73.	6 - Single research study	
Topic: Augmented Reality/Virtual Reality (AR/VR)			
3	Baragash, R. S., Al-Samarraie, H., Moody, L., & Zaqout, F. (2022). Augmented reality and functional skills acquisition among individuals with special needs: A meta-analysis of group design studies. *Journal of Special Education Technology, 37*(1), 74-81.	1 - Meta analysis with effect size	
4	Carreon, A., Smith, S. J., Mosher, M., Rao, K., & Rowland, A. (2022). A review of virtual reality intervention research for students with disabilities in K–12 settings. *Journal of Special Education Technology, 37*(1), 82-99.	5 - Systemic review	
5	Yakubova, G., Kellems, R. O., Chen, B. B., & Cusworth, Z. (2022). Practitioners' attitudes and perceptions toward the use of augmented and virtual reality technologies in the education of students with disabilities. *Journal of Special Education Technology, 37*(2), 286-296.	6 - Single research study (survey)	
Topic: AT Implementation			
6	Chambers, D., Jones, P., Reese, L., & Wilcox, C. (2022). Teachers' perspectives of what works: Implementation of AT for students with disabilities. *Assistive Technology, 34*(3), 352-361.	6 - Single research study (focus group)	
Topic: Future of AT			
7	Goldberg, M., Karimi, H., Jordan, J. B., & Lazar, J. (2022). Are accessible software accountable?: A commentary. *Assistive Technology, 34*(1), 61-63.	7 - Expert opinion	
Topic: Grocery Shopping Skills			
8	Jung, S., Ousley, C., McNaughton, D., & Wolfe, P. (2022). The effects of technology supports on community grocery shopping skills for students with intellectual and developmental disabilities: A meta-analysis. *Journal of Special Education Technology, 37*(3), 351-362.	1 - Meta analysis with effect size	
Topic: Participatory Research			
9	Koontz, A., Duvall, J., Johnson, R., Reissman, T., & Smith, E. (2022). "Nothing about us without us": Engaging AT users in at research. *Assistive Technology, 34*(5), 499-500.	7 - Expert opinion	

Topic: Reading			
10	Silvestri, R., Holmes, A., & Rahemtulla, R. (2021). The interaction of cognitive profiles and text-to-speech software on reading comprehension of adolescents with reading challenges. *Journal of Special Education Technology,37*(4), 498-509.	6 - Single research study	
11	Wallace, S. E., Hux, K., Knollman-Porter, K., Brown, J. A., Parisi, E., & Cain, R. (2021). Reading behaviors and text-to-speech technology perceptions of people with aphasia. *Assistive Technology, 34*(5), 599-610.	5 - Systemic review	
Topic: Smartphones			
12	Abraham, C. H., Boadi-Kusi, B., Morny, E. K. A., & Agyekum, P. (2021). Smartphone usage among people living with severe visual impairment and blindness. *Assistive Technology, 34*(5), 611-618.	6 - Single research study	
13	Budrionis, A., Plikynas, D., Daniušis, P., & Indrulionis, A. (2022). Smartphone-based computer vision travelling aids for blind and visually impaired individuals: A systematic review. *Assistive Technology, 34*(2), 178-194.	5 - Systemic review	
14	Martiniello, N., Eisenbarth, W., Lehane, C., Johnson, A., & Wittich, W. (2022). Exploring the use of smartphones and tablets among people with visual impairments: Are mainstream devices replacing the use of traditional visual aids? *Assistive Technology, 34*(1), 34-45.	6 - Single research study (survey)	
Topic: Professional Development			
15	DeLuca, E. R., Da Fonte, M. A., & Boesch, M. C. (2022). Reliability among school-based professionals: Using a feature-matching screening checklist to identify communication systems. *Journal of Special Education Technology, 37*(4), 536-549.	6 - Single research study	
16	Hunt, T., Carter, R., Yang, S., Zhang, L., & Williams, M. (2022). Navigating the use of microcredentials. *Journal of Special Education Technology, 37*(1), 3-10.	7 - Expert opinion	
17	Siyam, N., & Abdallah, S. (2021). A pilot study investigating the use of mobile technology for coordinating educational plans in inclusive settings. *Journal of Special Education Technology, 37*(4), 455-468.	6 - Single research study	
18	Yassine, J., & Tipton-Fisler, L. A. (2022). Check-in/Check out: Electronic adaptation and individual progress monitoring. *Journal of Special Education Technology, 37*(2), 215-224.	6 - Single research study	
Topic: Writing			
19	Ok, M. W., Rao, K., Pennington, J., & Ulloa, P. R. (2022). Speech recognition technology for writing: usage patterns and perceptions of students with high incidence disabilities. *Journal of Special Education Technology, 37*(2), 191-202.	6 - Single research study	

Note: Evidence Level Rankings

1 - Meta analysis with effect size
2 - Well designed RCT
3 - Well designed controlled trial
4 - Well designed experiment
5 - Systemic review
6 - Single research study
7 - Expert opinion