

Genium Study Summaries

The summaries are organized in three levels depending on the detail of information. The overview table (Level 1) lists all the relevant publications dealing with a particular product (topic) as well as researched categories (e.g. level walking, safety, activities, etc). The Level 2 summaries list all relevant information on the device concerning a specific category (e.g. level walking, safety, activities, etc.).

For those interested in learning more about individual studies, the summaries (Level 3) provide a concise synthesis of the respective references.

Reference		Category									
		Functions and Activities								Participation	Environment
Author	Year	Level walking	Stairs	Ramps, Hills	Uneven ground Obstacles	Cognitive demand	Metabolic Energy Consumption	Safety	Activity Mobility ADL	Preference Satisfaction QoL	Health economics
Klenow	2024	x						x	x		
Palumbo	2022							x			
Kanata**	2021	x					x				
Mileusnic*	2021	x	x	x					x	x	
Hahn*	2020							x	x	x	x
Kampas***	2018							x		x	
Lura	2017		x								
Hahn	2016	x	x	x	x	x	x	x	x		
Highsmith	2016c								x		
Highsmith	2016b		x					x	x	x	x
Highsmith	2016a			x							

<u>Huppert*</u>	2016	x	x	x				x	x	x	
<u>Bell</u>	2016			x							
<u>Schalk**</u>	2015								x	x	
<u>Lura</u>	2015	x		x							
<u>Aldridge Whitehead</u>	2014		x								
<u>Highsmith</u>	2014c									x	
<u>Highsmith</u>	2014b	x			x			x			
<u>Highsmith</u>	2014a		x	x	x						
<u>Kannenberg</u>	2013	x	x	x	x			x	x		
<u>Bellmann</u>	2012b	x	x	x				x			
<u>Bellmann</u>	2012a		x								
<u>Blumentritt</u>	2012	x	x	x				x			
<u>Kampas</u>	2011	x	x	x	x			x			
Total number: 24		11	12	11	5	1	2	12	9	7	2

*Review
** Case Study
*** Technical Report