

**Appendix 1: Search Terms of Fruits and Vegetable and different types of attention and memory in RCT design**

Search	Search terms	Ebscohost (Medline, APA PsychArticles, APA PsycInfo, CINAHL)	ProQuest Central	PubMed	EMBASE	Web of Science
#1	Fruit OR vegetable OR plant capsule	173,074	1,806,661	95,540	107,932	336,901
#2	selective attention OR divided attention OR sustained attention OR attention	832,035	3,214,882	462,217	576,338	985,289
#3	memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory	568,449	2,094,286	276,572	346,180	652,121
#4	Intervention OR randomized OR RCT or placebo* OR clinical trial	3,135,912	2,188,065	1,359,100	1,970,924	2,154,737
#5	#1 AND #2 AND #3 AND #4	18	15	9	14	14

Appendix 1(a): Screenshot search of Ebscohost

sunway library - Bing    A-Z Databases    Result List: TI ( S1 AND S2 AND S3 AND S4 )

https://web-b-ebshost.com.ezproxy.lancs.ac.uk/ehost/resultsadvanced?vid=11&sid=a516a014-e044-41d0-86d4-9446275050c4%40s...

Select / deselect all    **Search with AND**    **Search with OR**    **Delete Searches**    **Refresh Search Results**

Search ID#	Search Terms	Search Options	Actions
<input type="checkbox"/> S5	S1 AND S2 AND S3 AND S4	Search modes - Find all my search terms	<a href="#">View Results (18)</a>   <a href="#">View Details</a>   <a href="#">Edit</a>
<input type="checkbox"/> S4	TI ( Intervention OR randomized OR RCT or placebo* OR clinical trial ) OR AB ( Intervention OR randomized OR RCT or placebo* OR clinical trial )	Search modes - Find all my search terms	<a href="#">View Results (3,135,912)</a>   <a href="#">View Details</a>   <a href="#">Edit</a>
<input type="checkbox"/> S3	TI ( memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory ) OR AB ( memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative me ...	Search modes - Find all my search terms	<a href="#">View Results (568,449)</a>   <a href="#">View Details</a>   <a href="#">Edit</a>
<input type="checkbox"/> S2	TI ( selective attention OR divided attention OR sustained attention OR attention ) OR AB ( selective attention OR divided attention OR sustained attention OR attention )	Search modes - Find all my search terms	<a href="#">View Results (832,035)</a>   <a href="#">View Details</a>   <a href="#">Edit</a>
<input type="checkbox"/> S1	TI ( Fruit OR vegetable OR plant capsule ) OR AB ( Fruit OR vegetable OR plant capsule )	Search modes - Find all my search terms	<a href="#">View Results (173,074)</a>   <a href="#">View Details</a>   <a href="#">Edit</a>

Search Results: 1 - 18 of 18    Relevance ▾    Page Options ▾    Share ▾

Note: Exact duplicates removed from the results.

10:51 AM 10-Oct-21    29°C Mostly sunny

Appendix 1 (b): Screenshot search for Web of Science

Advanced Search - Web of Science

www-webofscience-com.ezproxy.sunway.edu.my/wos/woscc/advanced-search

Apps DISTED License Research SR Sunway QR Code Generator... Bit.do URL Shorten... Research Grant conference Other bookmarks Reading list

History Clear History

Item	Search Query	Actions	Results
5	(((#1) AND #2) AND #3) AND #4	Edit Add to Search	14
4	Intervention OR randomized OR RCT or placebo* OR clinical trial (Title) or Intervention OR randomized OR RCT or placebo* OR clinical trial (Abstract)	Edit Add to Search	2,154,737
3	memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory (Title) or memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory	Edit Add to Search	652,151
2	selective attention OR divided attention OR sustained attention OR attention (Title) or selective attention OR divided attention OR sustained attention OR attention (Abstract)	Edit Add to Search	985,289
1	Fruit OR vegetable OR plant capsule (Title) or Fruit OR vegetable OR plant capsule (Abstract)	Edit Add to Search	336,901

27 ?

Type here to search

29°C 10:25 AM 8/10/2021

Appendix 1(c): screenshot search for Proquest

Items selected: 4 [Delete](#) [Save](#) [Show all details](#) [Export all searches](#)

<input type="checkbox"/>	Set ▼	Search	Databases	Results	Actions
<input type="checkbox"/>	S5	(ab(Fruit OR vegetable OR plant capsule) OR ti(Fruit OR vegetable OR plant capsule)) AND (ab(selective attention OR divided attention OR sustained attention OR attention) OR ti(selective attention OR divided attention OR sustained attention OR attention)) AND (ab(memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory) OR ti(memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory)) AND (ab(Intervention OR randomized OR RCT OR placebo* OR clinical trial) OR ti(Intervention OR randomized OR RCT OR placebo* OR clinical trial))	ProQuest Central	15	Actions ▼
<input checked="" type="checkbox"/>	S4	ab(Intervention OR randomized OR RCT or placebo* OR clinical trial) OR ti(Intervention OR randomized OR RCT or placebo* OR clinical trial)	ProQuest Central	2,188,065	Actions ▼
<input checked="" type="checkbox"/>	S3	ab(memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory) OR ti(memory OR sensory memory OR Short-term memory OR long-term memory OR working memory OR episodic memory OR semantic memory OR procedural memory OR autobiographical memory OR iconic memory OR echoic memory OR semantic memory OR declarative memory)	ProQuest Central	2,694,286	Actions ▼
<input checked="" type="checkbox"/>	S2	ab(selective attention OR divided attention OR sustained attention OR attention) OR ti(selective attention OR divided attention OR sustained attention OR attention)	ProQuest Central	3,214,882	Actions ▼
<input checked="" type="checkbox"/>	S1	ab(Fruit OR vegetable OR plant capsule ) OR ti(Fruit OR vegetable OR plant capsule )	ProQuest Central	1,806,661	Actions ▼

Windows taskbar: Type here to search | 29°C Light rain | 11:45 AM 8/10/2021

Appendix 1(d): Screenshot search for Pubmed

The screenshot displays a web browser window with the following details:

- Browser Tab:** Advanced Search Results - PubMed
- Address Bar:** <https://pubmed.ncbi.nlm.nih.gov/advanced/>
- Search Results Table:**

Search	Actions	Details	Query	Results	Time
#5	...	>	Search: (((Fruit[Title/Abstract] OR vegetable[Title/Abstract] OR plant capsule[Title/Abstract]) AND (selective attention[Title/Abstract] OR divided attention[Title/Abstract] OR sustained attention[Title/Abstract] OR attention[Title/Abstract])) AND (memory[Title/Abstract] OR sensory memory[Title/Abstract] OR Short-term memory[Title/Abstract] OR long-term memory[Title/Abstract] OR working memory[Title/Abstract] OR episodic memory[Title/Abstract] OR semantic memory[Title/Abstract] OR procedural memory[Title/Abstract] OR autobiographical memory[Title/Abstract] OR iconic memory[Title/Abstract] OR echoic memory[Title/Abstract] OR semantic memory[Title/Abstract] OR declarative memory[Title/Abstract])) AND (Intervention[Title/Abstract] OR randomized[Title/Abstract] OR RCT[Title/Abstract] OR placebo*[Title/Abstract] OR clinical trial[Title/Abstract])	9	23:55:18
#4	...	>	Search: Intervention[Title/Abstract] OR randomized[Title/Abstract] OR RCT[Title/Abstract] OR placebo*[Title/Abstract] OR clinical trial[Title/Abstract]	1,359,100	23:54:38
#3	...	>	Search: memory[Title/Abstract] OR sensory memory[Title/Abstract] OR Short-term memory[Title/Abstract] OR long-term memory[Title/Abstract] OR working memory[Title/Abstract] OR episodic memory[Title/Abstract] OR semantic memory[Title/Abstract] OR procedural memory[Title/Abstract] OR autobiographical memory[Title/Abstract] OR iconic memory[Title/Abstract] OR echoic memory[Title/Abstract] OR semantic memory[Title/Abstract] OR declarative memory[Title/Abstract]	276,572	23:54:03
#2	...	>	Search: selective attention[Title/Abstract] OR divided attention[Title/Abstract] OR sustained attention[Title/Abstract] OR attention[Title/Abstract]	462,217	23:52:38
#1	...	>	Search: Fruit[Title/Abstract] OR vegetable[Title/Abstract] OR plant capsule[Title/Abstract]	96,540	23:52:27
- Windows Taskbar:** Shows search bar, task icons (File Explorer, Edge, etc.), system tray (30°C, Light rain), and date/time (11:55 AM, 8/10/2021).

## Appendix 1 (e): Screenshot search for Embase

The screenshot shows the Ovid search interface with the following components:

- Browser Tabs:** A-Z Databases: E: embase, A-Z Databases: E, Ovid: Search Form.
- Address Bar:** ovidsp-dc2-ovid-com.ezproxy.lancs.ac.uk/ovid-a/ovidweb.cgi
- Navigation Bar:** Search, Journals, Books, Multimedia, My Workspace, What's New.
- Search History (5):**

#	Searches	Results	Type	Actions	Annotations
2	(selective attention or divided attention or sustained attention or attention).ab. or (selective attention or divided attention or sustained attention or attention).ti.	576338	Advanced	Display Results More	Expand
3	(memory or sensory memory or Short-term memory or long-term memory or working memory or episodic memory or semantic memory or procedural memory or autobiographical memory or iconic memory or echoic memory or semantic memory or declarative memory).ab. or (memory or sensory memory or Short-term memory or long-term memory or working memory or episodic memory or semantic memory or procedural memory or autobiographical memory or iconic memory or echoic memory or semantic memory or declarative memory).ti.	346180	Advanced	Display Results More	
4	(Intervention or randomized or RCT or placebo* or clinical trial).ab. or (Intervention or randomized or RCT or placebo* or clinical trial).ti.	1970924	Advanced	Display Results More	
5	1 and 2 and 3 and 4	14	Advanced	Display Results More	
- Search Options:** Save, Remove, Combine with: AND OR.
- Actions:** Save All, Edit, Create RSS, Create Auto-Alert, View Saved, Email All Search History, Copy Search History Link, Copy Search History Details.
- Footer:** Basic Search | Find Citation | Search Tools | Search Fields | Advanced Search | Multi-Field Search. 1 Resource selected | Hide | Change. Embase 1974 to 2021 October 07.

