

Multimedia Appendix 1. Documentation of Systematic Literature Search

Title:	Misinformation in social media on covid-19 vaccine
Databases:	Scopus, PsycInfo (OVID), ERIC (EBSCO), Embase (OVID), PubMed, Cochrane library, Cochrane COVID-19 Study register.
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Date of delivery	The EndNote-library with all references (duplicates included) was made and emailed 2021.09.09. This documentation was made and emailed 2021.10.05.

Database and date	Search fields	Search string (and limiters or expanders if applied)	Numbers of matches
Scopus, 2021.09.09	Title, Abstract	(TITLE ((misinformation OR disinformation OR information) AND ("social media" OR facebook OR twitter OR instagram OR whatsapp OR telegram OR tumblr OR pinterest OR youtube OR vkontakte OR snapchat OR tiktok OR weibo OR wechat OR reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)) OR ABS ((misinformation OR disinformation OR information) AND ("social media" OR facebook OR twitter OR instagram OR whatsapp OR telegram OR tumblr OR pinterest OR youtube OR vkontakte OR snapchat OR tiktok OR weibo OR wechat OR reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)))	201
PsycINFO (OVID), 2021.09.09	Title, Abstract	((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR TikTok OR Weibo OR WeChat OR Reddit) AND (covid* OR cORona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)).ti. OR ((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR Tik Tok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)).ab. Limiter: Peer reviewed journals	12
ERIC (EBSCO), 2021.09.09	Title, Abstract	TI ((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR Tik Tok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)) OR AB ((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR Tik Tok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)) Limiter: Peer reviewed. Expander: Apply equivalent subjects	0
Embase (OVID), 2021.09.09	Title, Abstract	((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR Tik Tok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)).ti. OR ((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR Tik Tok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)).ab.	182
PubMed, 2021.09.09	Title, Abstract	("misinformation"[Title/Abstract] OR "disinformation"[Title/Abstract] OR "information"[Title/Abstract]) AND ("social media"[Title/Abstract] OR "Facebook"[Title/Abstract] OR "Twitter"[Title/Abstract] OR "Instagram"[Title/Abstract] OR	196

		"WhatsApp"[Title/Abstract] OR "Telegram"[Title/Abstract] OR "Tumblr"[Title/Abstract] OR "Pinterest"[Title/Abstract] OR "YouTube"[Title/Abstract] OR "VKontakte"[Title/Abstract] OR "Snapchat"[Title/Abstract] OR "TikTok"[Title/Abstract] OR "Weibo"[Title/Abstract] OR "WeChat"[Title/Abstract] OR "Reddit"[Title/Abstract]) AND ("covid*" [Title/Abstract] OR "corona*" [Title/Abstract] OR "Sars-CoV-2"[Title/Abstract] OR "pandemic"[Title/Abstract]) AND ("vaccine*" [Title/Abstract] OR "vaccination*" [Title/Abstract])	
Cochrane Library, 2021.09.09	Title, Abstract	((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR TikTok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)):ti OR ((misinformation OR disinformation OR information) AND ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR TikTok OR Weibo OR WeChat OR Reddit) AND (covid* OR corona* OR "Sars-CoV-2" OR pandemic) AND (vaccine* OR vaccination*)):ab Expander: Word variations have been searched	8
Cochrane COVID-19 Study register, 2021.09.09	Not applicable	(misinformation OR disinformation OR information) and ("social media" OR Facebook OR Twitter OR Instagram OR WhatsApp OR Telegram OR Tumblr OR Pinterest OR YouTube OR VKontakte OR Snapchat OR TikTok OR Weibo OR WeChat OR Reddit) and (covid* OR corona* OR "Sars-CoV-2" OR pandemic) and (vaccine* OR vaccination*)	158
		Total number of references (duplicates included)	757