

Table S1. Search strategy

ID	ID Search Terms	Results
Medline (Pubmed)		
#1	(((((COVID-19) OR Coronavirus) OR severe acute respiratory syndrome coronavirus) OR Wuhan Coronavirus) OR SARS-CoV-2) OR 2019-nCoV	15678
#2	((((COVID-19) OR SARS-CoV-2) OR 2019-nCoV) OR Wuhan Coronavirus	323
#3	(Coronavirus) OR severe acute respiratory syndrome coronavirus	15591
#4	#2 AND #3	236
Cochrane library		
#1	(COVID-19) OR Coronavirus) OR severe acute respiratory syndrome coronavirus) OR Wuhan Coronavirus) OR SARS-CoV-2) OR 2019-nCoV	1
#2	(Coronavirus) OR severe acute respiratory syndrome coronavirus	1
Web of Science		
#1	COVID-19, COVID-19 AND Respiratory syndrome, Coronavirus -2019, Novel Coronavirus OR/AND Respiratory Syndrome AND 2019-nCov	1877
#2	Wuhan Corona virus AND Respiratory syndrome, 2019-nCov	87
Scopus		
#1	COVID- 19 OR/AND Respiratory syndrome, Novel Coronavirus -2019 OR/AND Respiratory syndrome	1346
#2	Novel Coronavirus AND Respiratory syndrome, Wuhan Coronavirus, Coronavirus 2019	975
Embase		
#1	(((((COVID-19) OR Coronavirus) OR severe acute respiratory syndrome coronavirus) OR Wuhan Coronavirus) OR SARS-CoV-2) OR 2019-nCoV	19482

#2	(((COVID-19) OR SARS-CoV-2) OR 2019-nCoV) OR Wuhan Coronavirus	690
#3	(Coronavirus) OR severe acute respiratory syndrome coronavirus	19422
#4	#2 AND #3	630

Table S2. Quality assessment of included studies.

First Author	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Total QA score
Nanshan Chen	Yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Kaiyuan Sun	yes	yes	yes	no	no	yes	yes	yes	yes	7
Jie Li	yes	yes	no	yes	yes	yes	yes	yes	yes	8
Dawei Wang	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Chaolin Huang	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Weijie Guan	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Yang Yang*	UN	UN	UN	UN	UN	UN	UN	UN	UN	UN
Lei Chen (Chinese)	yes	yes	no	yes	yes	no	no	yes	yes	6
Adam Bernheim	yes	yes	yes	yes	no	yes	yes	yes	yes	8
Feng Pan	yes	yes	no	yes	yes	yes	yes	yes	yes	8
jin Zhang	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Yichun Cheng	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Ming-Yen	yes	yes	no	yes	yes	yes	yes	yes	yes	8
Sijia Tian	yes	yes	yes	no	no	yes	yes	yes	yes	7
Qun Li	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
De Chang	yes	yes	no	no	yes	yes	yes	UN	yes	6
Xiao-Wei Xu	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Fengxiang Song	yes	yes	yes	yes	yes	yes	yes	yes	yes	9
Michael Chung	yes	yes	no	yes	yes	yes	yes	yes	yes	8
Zunyou Wu (CDC)	yes	Yes	yes	NA	NA	yes	yes	NA	yes	6

*full text is not available. UN= Un Known, NA= not available

Q1= Was the sample frame appropriate to address the target population?

Q2= Were study participants sampled in an appropriate way?

Q3= Was the sample size adequate?

Q4= Were the study subjects and the setting described in detail?

Q5= Was the data analysis conducted with sufficient coverage of the identified sample?

Q6= Were valid methods used for the identification of the condition?

Q7= Was the condition measured in a standard, reliable way for all participants?

Q8= Was there appropriate statistical analysis?

Q9= Was the response rate adequate, and if not, was the low response rate managed appropriately?