

Effect of Montelukast on Treatment of Coronavirus Pneumonia (COVID-19): A Systematic Review

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Supplementary file 1

PubMed Strategy

Search Number	Query	Sort By	Filters	Results
17	((((("Leukotriene Antagonists"[Mesh]) OR ("Leukotriene Antagonists" [Pharmacological Action])) OR (Leukotriene Antagonist*[Text Word])) OR ("montelukast" [Supplementary Concept])) OR (montelukast[Text Word])) AND (((((((("COVID-19"[Mesh]) OR ("SARS-CoV-2"[Mesh])) OR (COVID-19[Text Word])) OR (2019-nCoV[Text Word])) OR (2019-CoV[Text Word])) OR (Coronavirus Disease-19[Text Word])) OR (SARS Coronavirus 2[Text Word])) OR (SARS-CoV-2[Text Word])) OR (SARS-nCoV-2[Text Word]))			25
16	((((((((("COVID-19"[Mesh]) OR ("SARS-CoV-2"[Mesh])) OR (COVID-19[Text Word])) OR (2019-nCoV[Text Word])) OR (2019-CoV[Text Word])) OR (Coronavirus Disease-19[Text Word])) OR (SARS Coronavirus 2[Text Word])) OR (SARS-			162,226

	CoV-2[Text Word])) OR (SARS-nCoV-2[Text Word])	
15	SARS-nCoV-2[Text Word]	23
14	SARS-CoV-2[Text Word]	102,613
13	SARS Coronavirus 2[Text Word]	305
12	Coronavirus Disease-19[Text Word]	1,590
11	2019-CoV[Text Word]	16
10	2019-nCoV[Text Word]	1,733
9	COVID-19[Text Word]	157,639
8	"SARS-CoV-2"[Mesh]	76,315
7	"COVID-19"[Mesh]	98,225
6	((("Leukotriene Antagonists"[Mesh]) OR ("Leukotriene Antagonists" [Pharmacological Action])) OR (Leukotriene Antagonist*[Text Word])) OR ("montelukast" [Supplementary Concept])) OR (montelukast[Text Word])	6,362
5	montelukast[Text Word]	2,647
4	"montelukast" [Supplementary Concept]	1,805
3	Leukotriene Antagonist*[Text Word]	3,585
2	"Leukotriene Antagonists" [Pharmacological Action]	5,375
1	"Leukotriene Antagonists"[Mesh]	3,161

Cochrane Library

ID	Search	Hits
#1	MeSH descriptor: [Leukotriene Antagonists] explode all trees	444
#2	(Leukotriene Antagonist*):ti,ab,kw (Word variations have been searched)	1131
#3	(montelukast):ti,ab,kw (Word variations have been searched)	1869
#4	#1 OR #2 OR #3	2481
#5	MeSH descriptor: [COVID-19] explode all trees	527
#6	(COVID-19):ti,ab,kw (Word variations have been searched)	6507

#7	(Coronavirus Disease-19):ti,ab,kw (Word variations have been searched)	43
#8	(SARS Coronavirus 2):ti,ab,kw (Word variations have been searched)	1744
#9	MeSH descriptor: [SARS-CoV-2] explode all trees	384
#10	(SARS-CoV-2):ti,ab,kw (Word variations have been searched)	2590
#11	(SARS-nCoV-2):ti,ab,kw (Word variations have been searched)	2
#12	("2019-nCoV"):ti,ab,kw (Word variations have been searched)	140
#13	("2019-CoV"):ti,ab,kw (Word variations have been searched)	1
#14	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13	6723
#15	#4 AND #14	13