

Table S1 Search strategy and terms

| | PubMed | Number |
|-----|--|-----------|
| #1 | Sarcoidosis, Pulmonary[mh] OR Sarcoidosis[mh:noexp] OR sarcoidosis[tiab] OR sarcoidoses[tiab] OR pulmonary sarcoid*[tiab] OR lung sarcoid*[tiab] OR sarcoid*[ti] | 33,043 |
| #2 | Lung Diseases, Interstitial[mh:noexp] OR interstitial lung disease*[ti] OR interstitial pulmonary disease*[ti] OR diffuse interstitial pneumopath*[ti] OR diffuse parenchymal lung disease*[ti] | 13,194 |
| #3 | interstitial lung disease*[tiab] OR interstitial pulmonary disease*[tiab] OR diffuse interstitial pneumopath*[tiab] OR diffuse parenchymal lung disease*[tiab] | 14,407 |
| #4 | Prevalence[mh] OR Severity of Illness Index[mh:noexp] OR Disease Susceptibility[mh:noexp] OR Comorbidity[mh] OR prevalen*[tiab] OR severiti*[tiab] OR vulnerab*[tiab] OR susceptib*[tiab] OR predisposition*[tiab] OR comorbid*[tiab] OR co-morbid*[tiab] OR multimorbid*[tiab] OR multi-morbid*[tiab] OR pre-exist*[tiab] | 2,073,671 |
| #5 | #1 OR #2 OR (#3 AND #4) | 46,511 |
| #6 | COVID-19[mh] OR SARS-CoV-2[mh] OR COVID-19[tiab] OR COVID19[tiab] OR severe acute respiratory syndrome coronavirus 2[tiab] OR SARS-CoV-2[tiab] OR coronavirus disease 2019[tiab] OR novel coronavirus[tiab] OR 2019-nCoV[tiab] OR 2019nCoV[tiab] OR coronavirus 2019[tiab] OR SARS-CoV2[tiab] OR SARS coronavirus 2[tiab] OR corona virus disease 2019[tiab] OR COVID-2019[tiab] OR novel corona virus[tiab] OR COVID2019[tiab] OR novel 2019 coronavirus[tiab] OR nCoV 2019[tiab] OR SARS-CoV-19[tiab] OR nCoV2019[tiab] OR corona virus 2019[tiab] OR HCoV-19[tiab] OR NCOVID-19[tiab] OR 2019 new coronavirus[tiab] OR human coronavirus 2019[tiab] | 245,280 |
| #7 | #5 AND #6 | 335 |
| #8 | (Animals[mh] NOT Humans[mh]) OR Models, Animal[mh:noexp] OR Disease Models, Animal[mh] OR Animal Experimentation[mh] | 5,197,981 |
| #9 | 2020:2030[dp] AND (English[la] OR Korean[la]) | 3,536,323 |
| #10 | #7 NOT #8 AND #9 | 316 |

| | Embase | Number |
|-----|---|-----------|
| #1 | ('lung sarcoidosis'/de OR sarcoidosis/de OR (sarcoidos*s OR 'pulmonary sarcoid*' OR 'lung sarcoid*'):ti,ab OR sarcoid*:ti) | 51,095 |
| #2 | ((interstitial OR 'diffuse parenchymal') NEXT/2 ('lung disease*' OR 'pulmonary disease*' OR 'lung disorder*' OR 'pulmonary disorder*' OR pneumopath*)):ti | 10,321 |
| #3 | ((interstitial OR 'diffuse parenchymal') NEXT/2 ('lung disease*' OR 'pulmonary disease*' OR 'lung disorder*' OR 'pulmonary disorder*' OR pneumopath*)):ab | 22,740 |
| #4 | prevalence/de OR 'severity of illness index'/de OR 'disease predisposition'/de OR comorbidity/de OR (prevalen* OR severiti* OR vulnerab* OR susceptib* OR predisposition* OR comorbid* OR co-morbid* OR multimorbid* OR multi-morbid* OR pre-exist*):ti,ab | 2,695,027 |
| #5 | #1 OR #2 OR (#3 AND #4) | 62,985 |
| #6 | ('coronavirus disease 2019'/de OR 'Severe acute respiratory syndrome coronavirus 2'/de OR (COVID-19 OR COVID19 OR 'severe acute respiratory syndrome coronavirus 2' OR SARS-CoV-2 OR 'coronavirus disease 2019' OR 'novel coronavirus' OR 2019-nCoV OR 2019nCoV OR 'coronavirus 2019' OR SARS-CoV2 OR 'SARS coronavirus 2' OR 'corona virus disease 2019' OR COVID-2019 OR 'novel corona virus' OR COVID2019 OR 'novel 2019 coronavirus' OR 'nCoV 2019' OR SARS-CoV-19 OR nCoV2019 OR 'corona virus 2019' OR HCoV-19 OR NCOVID-19 OR '2019 new coronavirus' OR 'human coronavirus 2019'):ti,ab) | 271,146 |
| #7 | #5 AND #6 | 454 |
| #8 | (animal/exp NOT human/exp) OR 'animal model'/exp OR 'animal experiment'/exp | 6,471,404 |
| #9 | [2020-2022]/py AND ([english]/lim OR [korean]/lim) | 4,008,907 |
| #10 | #7 NOT #8 AND #9 | 443 |
| #11 | #10 AND ('conference abstract'/it OR 'conference review'/it) | 122 |
| #12 | #10 NOT #11 | 321 |

| | Cochrane | Number |
|----|--|---------|
| #1 | [mh "Sarcoidosis, Pulmonary"] OR [mh ^Sarcoidosis] OR (sarcoidos*s OR "pulmonary sarcoid*" OR "lung sarcoid*"):ti,ab OR sarcoid*:ti | 615 |
| #2 | [mh ^"Lung Diseases, Interstitial"] OR ((interstitial OR "diffuse parenchymal") NEXT/2 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)):ti | 659 |
| #3 | ((interstitial OR "diffuse parenchymal") NEXT/2 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)):ab | 906 |
| #4 | [mh Prevalence] OR [mh ^"Severity of Illness Index"] OR [mh ^"Disease Susceptibility"] OR [mh Comorbidity] OR (prevalen* OR severiti* OR vulnerab* OR susceptib* OR predisposition* OR comorbid* OR co-morbid* OR multimorbid* OR multi-morbid* OR pre-exist*):ti,ab | 109,440 |
| #5 | #1 OR #2 OR (#3 AND #4) | 1,299 |
| #6 | [mh "COVID-19"] OR [mh "SARS-CoV-2"] OR ("COVID-19" OR COVID19 OR "severe acute respiratory syndrome coronavirus 2" OR "SARS-CoV-2" OR "coronavirus disease 2019" OR "novel coronavirus" OR "2019-nCoV" OR 2019nCoV OR "coronavirus 2019" OR "SARS-CoV2" OR "SARS coronavirus 2" OR "corona virus disease 2019" OR "COVID-2019" OR "novel corona virus" OR COVID2019 OR "novel 2019 coronavirus" OR "nCoV 2019" OR "SARS-CoV-19" OR nCoV2019 OR "corona virus 2019" OR "HCoV-19" OR "NCOVID-19" OR "2019 new coronavirus" OR "human coronavirus 2019"):ti,ab | 10,061 |
| #7 | #5 AND #6 | 15 |
| | After 2020 | 15 |

| | Web of Science (ESCI, CPCI) | Number |
|----|---|-----------|
| #1 | TS=(sarcoidos*s OR "pulmonary sarcoid*" OR "lung sarcoid*") OR TI=sarcoid* | 28,815 |
| #2 | KP=((interstitial OR "diffuse parenchymal") NEAR/1 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)) OR AK=((interstitial OR "diffuse parenchymal") NEAR/1 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)) OR TI=((interstitial OR "diffuse parenchymal") NEAR/1 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)) | 15,326 |
| #3 | AB=((interstitial OR "diffuse parenchymal") NEAR/1 ("lung disease*" OR "pulmonary disease*" OR "lung disorder*" OR "pulmonary disorder*" OR pneumopath*)) | 9,878 |
| #4 | TS=(prevalen* OR severiti* OR vulnerab* OR susceptib* OR predisposition* OR comorbid* OR co-morbid* OR multimorbid* OR multi-morbid* OR pre-exist*) | 2,471,716 |
| #5 | #1 OR #2 OR (#3 AND #4) | 43,986 |
| #6 | TS=(COVID-19 OR COVID19 OR "severe acute respiratory syndrome coronavirus 2" OR SARS-CoV-2 OR "coronavirus disease 2019" OR "novel coronavirus" OR 2019-nCoV OR 2019nCoV OR "coronavirus 2019" OR SARS-CoV2 OR "SARS coronavirus 2" OR "corona virus disease 2019" OR COVID-2019 OR "novel corona virus" OR COVID2019 OR "novel 2019 coronavirus" OR "nCoV 2019" OR SARS-CoV-19 OR nCoV2019 OR "corona virus 2019" OR HCoV-19 OR NCOVID-19 OR "2019 new coronavirus" OR "human coronavirus 2019") | 277,691 |
| #7 | #5 AND #6 | 281 |
| | After 2020 | 272 |

| | KoreaMed | Number |
|----|--|--------|
| #1 | sarcoidosis OR sarcoidoses OR sarcoid | 348 |
| #2 | "interstitial lung disease" OR "interstitial pulmonary disease" OR "interstitial pneumopathy" OR "diffuse parenchymal lung disease" OR "interstitial lung disorder" OR "interstitial pulmonary disorder" | 301 |
| #3 | #1 OR #2 | 631 |
| #4 | "COVID-19" OR COVID19 OR "severe acute respiratory syndrome coronavirus 2" OR "SARS-CoV-2" OR "coronavirus disease 2019" OR "novel coronavirus" OR "2019-nCoV" OR 2019nCoV OR "coronavirus 2019" OR "SARS-CoV2" OR "SARS coronavirus 2" OR "corona virus disease 2019" OR "COVID-2019" OR "novel corona virus" OR COVID2019 OR "novel 2019 coronavirus" OR "nCoV 2019" OR "SARS-CoV-19" OR nCoV2019 OR "corona virus 2019" OR "HCoV-19" OR "NCOVID-19" OR "2019 new coronavirus" OR "human coronavirus 2019" | 1708 |
| #5 | #3 AND #4 | 1 |
| #6 | After 2020 | 1 |