Strategy 841548

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| **#** | **Database** | **Search term** | **Results** |
| 1 | PubMed | (Coronavirus\*).af | 13920 |
| 2 | PubMed | (COVID\*).af | 2232 |
| 3 | PubMed | ("SARS-CoV-2").af | 377 |
| 4 | PubMed | ("2019-nCoV").af | 362 |
| 5 | PubMed | (ncov).af | 376 |
| 6 | PubMed | ("novel betacov").af | 0 |
| 7 | PubMed | ("novel betacoronavirus").af | 22 |
| 8 | PubMed | (1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7) | 20548 |
| 9 | PubMed | (pulmonary).ti | 253257 |
| 10 | PubMed | (physiolog\* OR patholog\* OR pathophysiolog\*).ti,ab | 7841053 |
| 11 | PubMed | (circulat\* OR circuit\* OR system OR "blood flow" OR tree).ti,ab | 3877507 |
| 12 | PubMed | (capillar\* OR arter\* OR vein\* OR venous OR vessel\*).ti,ab | 1391707 |
| 13 | PubMed | (thromb\* OR occlusion\* OR microthromb\*).ti,ab | 318882 |
| 14 | PubMed | (endothelium).ti,ab | 157506 |
| 15 | PubMed | (resist\* OR pressure\* OR hypertensi\*).ti,ab | 2552123 |
| 16 | PubMed | ("gas exchange" OR "gaseous exchange").ti,ab | 26953 |
| 17 | PubMed | (10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16) | 12350645 |
| 18 | PubMed | (8 AND 9 AND 17) | 45 |
| 19 | PubMed | (SARS OR "severe acute respiratory syndrome").af | 13315 |
| 20 | PubMed | (MERS OR "middle east respiratory syndrome").af | 16037 |
| 21 | PubMed | (8 OR 19 OR 20) | 30375 |
| 22 | PubMed | (9 AND 17 AND 21) | 103 |
| 23 | Medline | (Coronavirus\*).ti,ab | 13458 |
| 24 | Medline | (COVID\*).ti,ab | 5674 |
| 25 | Medline | ("SARS-CoV-2").ti,ab | 1371 |
| 26 | Medline | ("2019-nCoV").af | 534 |
| 27 | Medline | (ncov).af | 556 |
| 28 | Medline | ("novel betacov").af | 0 |
| 29 | Medline | ("novel betacoronavirus").af | 27 |
| 31 | Medline | "SARS VIRUS"/ | 2961 |
| 32 | Medline | "MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS"/ | 1005 |
| 33 | Medline | BETACORONAVIRUS/ | 1071 |
| 34 | Medline | (23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 31 OR 32 OR 33) | 18569 |
| 35 | Medline | (pulmonary AND (physiolog\* OR patholog\* OR pathophysiolog\*)).ti,ab | 46940 |
| 36 | Medline | (pulmonary ADJ2 (circulat\* OR circuit\* OR system\* OR "blood flow" OR tree)).ti,ab | 25096 |
| 37 | Medline | (pulmonary ADJ3 (capillar\* OR arter\* OR vein\* OR venous OR vessel\*)).ti,ab | 107257 |
| 38 | Medline | (pulmonary ADJ2 (thromb\* OR occlusion\* OR microthromb\*)).ti,ab | 10025 |
| 39 | Medline | (pulmonary ADJ5 endothelium).ti,ab | 1850 |
| 40 | Medline | (gas\* ADJ2 exchange\*).ti,ab | 21085 |
| 41 | Medline | (pulmonary ADJ3 (resist\* OR pressure\* OR hypertension\*)).ti,ab | 71732 |
| 42 | Medline | (endothelium ADJ2 (damag\* OR impair\*)).ti,ab | 4200 |
| 43 | Medline | (alveol\*).ti,ab | 103531 |
| 44 | Medline | (PA ADJ2 pressure\*).ti,ab | 1805 |
| 45 | Medline | (pulmonary ADJ3 (parameter\* OR measurement\*)).ti,ab | 6569 |
| 46 | Medline | "PULMONARY VEINS"/ | 13867 |
| 47 | Medline | exp "PULMONARY EMBOLISM"/ | 38374 |
| 48 | Medline | "PULMONARY ARTERIAL HYPERTENSION"/ | 186 |
| 49 | Medline | "HYPERTENSION, PULMONARY"/ | 33993 |
| 50 | Medline | exp "PULMONARY GAS EXCHANGE"/ | 20146 |
| 51 | Medline | exp "PULMONARY ALVEOLI"/ | 25854 |
| 52 | Medline | "PULMONARY ARTERY"/ | 45700 |
| 53 | Medline | "PULMONARY CIRCULATION"/ | 22006 |
| 54 | Medline | (35 OR 36 OR 37 OR 38 OR 39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53) | 364180 |
| 55 | Medline | (34 AND 54) | 247 |
| 56 | EMBASE | (Coronavirus\*).ti,ab | 13930 |
| 57 | EMBASE | (COVID\*).ti,ab | 5696 |
| 58 | EMBASE | ("SARS-CoV-2").ti,ab | 1087 |
| 59 | EMBASE | ("2019-nCoV").af | 511 |
| 60 | EMBASE | (ncov).af | 533 |
| 61 | EMBASE | ("novel betacov").af | 0 |
| 62 | EMBASE | ("novel betacoronavirus").af | 30 |
| 63 | EMBASE | "MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS"/ | 1965 |
| 64 | EMBASE | "SARS-RELATED CORONAVIRUS"/ | 150 |
| 65 | EMBASE | BETACORONAVIRUS/ | 337 |
| 66 | EMBASE | CORONAVIRINAE/ | 1965 |
| 67 | EMBASE | (56 OR 57 OR 58 OR 59 OR 60 OR 61 OR 62 OR 63 OR 64 OR 65 OR 66) | 19241 |
| 68 | EMBASE | (pulmonary AND (physiolog\* OR patholog\* OR pathophysiolog\*)).ti,ab | 81273 |
| 69 | EMBASE | (pulmonary ADJ2 (circulat\* OR circuit\* OR system\* OR "blood flow" OR tree)).ti,ab | 25934 |
| 70 | EMBASE | (pulmonary ADJ3 (capillar\* OR arter\* OR vein\* OR venous OR vessel\*)).ti,ab | 151562 |
| 71 | EMBASE | (pulmonary ADJ2 (thromb\* OR occlusion\* OR microthromb\*)).ti,ab | 20378 |
| 72 | EMBASE | (pulmonary ADJ5 endothelium).ti,ab | 2232 |
| 73 | EMBASE | (gas\* ADJ2 exchange\*).ti,ab | 24319 |
| 74 | EMBASE | (pulmonary ADJ3 (resist\* OR pressure\* OR hypertension\*)).ti,ab | 107415 |
| 75 | EMBASE | (endothelium ADJ2 (damag\* OR impair\*)).ti,ab | 4373 |
| 76 | EMBASE | (alveol\*).ti,ab | 127914 |
| 77 | EMBASE | (PA ADJ2 pressure\*).ti,ab | 2951 |
| 78 | EMBASE | (pulmonary ADJ3 (parameter\* OR measurement\*)).ti,ab | 7554 |
| 79 | EMBASE | "LUNG CIRCULATION"/ | 11254 |
| 80 | EMBASE | "PULMONARY VEIN"/ | 14609 |
| 81 | EMBASE | exp "PULMONARY ARTERY"/ | 38603 |
| 82 | EMBASE | "LUNG EMBOLISM"/ | 90567 |
| 83 | EMBASE | exp "PULMONARY VASCULAR DISEASE"/ | 100870 |
| 84 | EMBASE | "LUNG GAS EXCHANGE"/ | 12123 |
| 85 | EMBASE | exp "LUNG ALVEOLUS"/ | 60670 |
| 86 | EMBASE | (68 OR 69 OR 70 OR 71 OR 72 OR 73 OR 74 OR 75 OR 76 OR 77 OR 78 OR 79 OR 80 OR 81 OR 82 OR 83 OR 84 OR 85) | 529179 |
| 87 | EMBASE | (67 AND 86) | 400 |
| 88 | Medline | ((lung\* OR respiratory) ADJ2 circulat\*).ti,ab | 4329 |
| 89 | Medline | ((lung\* OR pulmonary) ADJ2 (emblous OR emboli\*)).ti,ab | 36996 |
| 90 | Medline | ((lung\* OR pulmonary OR respiratory) ADJ2 perfusion).ti,ab | 6417 |
| 91 | Medline | (hypoxic ADJ2 vasoconstriction).ti,ab | 1928 |
| 92 | Medline | (88 OR 89 OR 90 OR 91) | 47949 |
| 93 | Medline | (34 AND 92) | 37 |
| 94 | EMBASE | ((lung\* OR respiratory) ADJ2 circulat\*).ti,ab | 3822 |
| 95 | EMBASE | ((lung\* OR pulmonary) ADJ2 (emblous OR emboli\*)).ti,ab | 56508 |
| 96 | EMBASE | ((lung\* OR pulmonary OR respiratory) ADJ2 perfusion).ti,ab | 7444 |
| 97 | EMBASE | (hypoxic ADJ2 vasoconstriction).ti,ab | 2316 |
| 98 | EMBASE | (94 OR 95 OR 96 OR 97) | 68076 |
| 99 | EMBASE | (67 AND 98) | 48 |

[Reviewers Note 11/5/20: Consider also using exp CORONAVIRUS/ and exp “CORONAVIRUS INFECTIONS”/ subject headings in Medline and Pubmed]