All studies included in data extraction

| Lead Author | Date Published | Publication Source | Study ID |
| --- | --- | --- | --- |
| Guan, Ni | 2020-02-28 | NEJM | 1 |
| Guan, Liang | 2020-03-26 | European Respiratory Journal | 2 |
| Lian | 2020-03-25 | Clinical Infectious Diseases | 3 |
| Jin | 2020-03-24 | Gastroduodenal | 4 |
| Chen | 2020-03-26 | BMJ | 5 |
| Zhou, Yu | 2020-03-11 | The Lancet | 6 |
| Mo | 2020-03-16 | Clinical Infectious Diseases | 7 |
| Zhang, Dong | 2020-02-19 | Allergy | 8 |
| Wan | 2020-03-21 | Journal of Medical Virology | 9 |
| Liu, Tao | 2020-02-28 | Chinese Medical Journal | 10 |
| Huang, Wang | 2020-01-24 | The Lancet | 11 |
| Zhang, Cai | 2020-03-20 | International Journal of Infectious Diseases | 12 |
| Guo | 2020-03-27 | Jama Cardiology | 13 |
| Liu, Ming | 2020-03-12 | Medrxiv | 14 |
| Huang, Yang | 2020-03-05 | Medrxiv | 15 |
| Xu | 2020-03-08 | Medrxiv | 16 |
| Li | 2020-02-12 | Medrxiv | 17 |
| Rentsch | 2020-04-14 | Medrxiv | 18 |
| Hu | 2020-03-25 | Medrxiv | 19 |
| Wang, Pan | 2020-03-24 | International Journal of Infectious Diseases | 20 |
| Isaric, 1 | 2020-04-08 | Isaric Report | 21 |
| Petrilli, Old | 2020-04-11 | Medrxiv | 22 |
| Chow, Us, Cdc | 2020-03-31 | Report | 23 |
| Miyara, Old | 2020-04-21 | Qeios | 24 |
| Dong, Cao | 2020-03-20 | Allergy | 25 |
| Kim | 2020-04-01 | Journal of Korean Medical Science | 26 |
| Shi, Yu | 2020-03-18 | Bmc Critical Care | 27 |
| Yang, Yu | 2020-02-24 | The Lancet Respiratory Medicine | 28 |
| Argenziano | 2020-04-22 | Medrxiv | 29 |
| Solis | 2020-04-25 | Medrxiv | 30 |
| Richardson | 2020-04-22 | JAMA | 31 |
| Fontanet | 2020-04-23 | Medrxiv | 32 |
| Zheng, Gao | 2020-04-19 | Metabolism | 33 |
| Liao, Feng | 2020-04-24 | Medrxiv | 34 |
| Gil, Agudo | 2020-04-24 | Medrxiv | 35 |
| Magagnoli, Old | 2020-04-16 | Medrxiv | 36 |
| Shi, Ren | 2020-04-23 | Medrxiv | 37 |
| Hadjadj | 2020-04-23 | Medrxiv | 38 |
| Niedzwiedz, Old | 2020-04-30 | Medrxiv | 39 |
| Isaric, 2 | 2020-04-20 | Isaric Report | 40 |
| Gold, Us, Cdc | 2020-04-20 | Cdc Report | 41 |
| Mehra | 2020-05-01 | NEJM | 42 |
| Isaric, 3 | 2020-04-27 | Isaric Report | 43 |
| Yu, Cai | 2020-04-27 | Clinical Therapeutics | 44 |
| Zheng, Xiong | 2020-04-30 | Pharmacological Research | 45 |
| Miyara, Updated | 2020-05-09 | Qeios | 46 |
| De, La, Rica | 2020-05-11 | Medrxiv | 47 |
| Yin, Yang | 2020-05-10 | Medrxiv | 48 |
| Gaibazzi | 2020-05-10 | Medrxiv | 49 |
| Shi, Zuo, Old | 2020-05-10 | Medrxiv | 50 |
| Cho | 2020-05-11 | Medrxiv | 51 |
| Allenbach | 2020-05-08 | Medrxiv | 52 |
| Robilotti | 2020-05-08 | Medrxiv | 53 |
| Opensafely, Collaborative | 2020-05-07 | Medrxiv | 54 |
| Borobia | 2020-05-06 | Medrxiv | 55 |
| Giacomelli | 2020-05-06 | Medrxiv | 56 |
| Shah | 2020-05-06 | Medrxiv | 57 |
| Bello, Chavolla, Old | 2020-05-06 | Medrxiv | 58 |
| Kolin | 2020-05-05 | Medrxiv | 59 |
| Lubetzky | 2020-05-08 | Medrxiv | 60 |
| Goyal | 2020-04-17 | NEJM | 61 |
| Feng | 2020-04-10 | American Journal of Respiratory and Critical Care Medicine | 62 |
| Yao | 2020-04-24 | Polish Archives of Internal Medicine | 63 |
| Sami, Old | 2020-05-15 | Medrxiv | 64 |
| Almazeedi | 2020-05-15 | Eclinicalmedicine | 65 |
| Carrillo, Vega | 2020-05-14 | Medrxiv | 66 |
| Yanover | 2020-05-13 | Medrxiv | 67 |
| Hamer | 2020-05-13 | Medrxiv | 68 |
| Regina | 2020-05-14 | Medrxiv | 69 |
| Isaric, 4 | 2020-05-06 | Isaric Report | 70 |
| De, Lusignan | 2020-05-15 | Lancet Infectious Diseases | 71 |
| Targher | 2020-05-13 | Diabetes Metabolism | 72 |
| Valenti | 2020-05-18 | Medrxiv | 73 |
| Feuth | 2020-05-18 | Medrxiv | 74 |
| Ge | 2020-05-18 | Medrxiv | 75 |
| Parrotta | 2020-05-18 | Medrxiv | 76 |
| Shekhar | 2020-05-18 | Medrxiv | 77 |
| Mejia, Vilet | 2020-05-16 | Medrxiv | 78 |
| Chen, Jiang | 2020-05-16 | Medrxiv | 79 |
| Li, Chen | 2020-05-16 | Medrxiv | 80 |
| Rimland | 2020-05-19 | Medrxiv | 81 |
| Palaiodimos | 2020-05-15 | Metabolism | 82 |
| Ip | 2020-05-25 | Medrxiv | 83 |
| Heili, Frades | 2020-05-25 | Medrxiv | 84 |
| Vaquero, Roncero | 2020-05-24 | Medrxiv | 85 |
| Kim, Garg | 2020-05-22 | Medrxiv | 86 |
| Wu | 2020-05-21 | Medrxiv | 87 |
| Hopkinson | 2020-05-21 | Medrxiv | 88 |
| Shi, Zhao | 2020-05-20 | Medrxiv | 89 |
| Kimmig, Old | 2020-05-20 | Medrxiv | 90 |
| Al, Hindawi | 2020-05-20 | Medrxiv | 91 |
| Basse | 2020-05-19 | Medrxiv | 92 |
| Freites | 2020-05-19 | Medrxiv | 93 |
| Alshami | 2020-05-19 | Medrxiv | 94 |
| Russell, Old | 2020-05-19 | Medrxiv | 95 |
| Berumen | 2020-05-26 | Medrxiv | 96 |
| Gianfrancesco | 2020-05-29 | Annals of the Rheumatic Diseases | 97 |
| Li, Long | 2020-05-28 | Movement Disorders | 98 |
| Batty | 2020-06-01 | Medrxiv | 99 |
| Israel | 2020-06-01 | Medrxiv | 100 |
| Del, Valle | 2020-05-30 | Medrxiv | 101 |
| Zuo, Zuo, Old | 2020-05-29 | Medrxiv | 102 |
| Chaudhry | 2020-05-29 | Medrxiv | 103 |
| Louis | 2020-05-28 | Medrxiv | 104 |
| Soto, Mota | 2020-05-27 | Medrxiv | 105 |
| Patel, Old | 2020-05-26 | Medrxiv | 106 |
| Garibaldi | 2020-05-26 | Medrxiv | 107 |
| Docherty | 2020-05-22 | BMJ | 108 |
| Boulware | 2020-06-03 | NEJM | 109 |
| Kuderer | 2020-05-28 | The Lancet | 110 |
| Romao | 2020-06-08 | Medrxiv | 111 |
| Giannouchos | 2020-06-07 | Medrxiv | 112 |
| Ramlall | 2020-06-06 | Medrxiv | 113 |
| Wang, Oekelen | 2020-06-05 | Medrxiv | 114 |
| Perrone | 2020-06-05 | Medrxiv | 115 |
| Sharma | 2020-06-05 | Medrxiv | 116 |
| Eugen, Olsen | 2020-06-02 | Medrxiv | 117 |
| Martinez, Portilla | 2020-06-02 | Medrxiv | 118 |
| Raisi, Estabragh | 2020-06-02 | Medrxiv | 119 |
| Luo | 2020-06-02 | Medrxiv | 120 |
| Houlihan | 2020-06-09 | Medrxiv | 121 |
| Cen | 2020-06-08 | Clinical Microbiology Infection | 122 |
| Klang | 2020-05-23 | Obesity | 123 |
| Maraschini | 2020-06-12 | Medrxiv | 124 |
| Wang, Zhong | 2020-06-12 | Medrxiv | 125 |
| Mcqueenie | 2020-06-12 | Medrxiv | 126 |
| Miyara, Medrxiv | 2020-06-12 | Medrxiv | 127 |
| Apea | 2020-06-12 | Medrxiv | 128 |
| Woolford | 2020-06-11 | Aging Clinical and Experimental Research | 129 |
| Hultcrantz | 2020-06-11 | Medrxiv | 130 |
| Rajter | 2020-06-10 | Medrxiv | 131 |
| Lan | 2020-06-09 | Medrxiv | 132 |
| Russell | 2020-06-09 | Medrxiv | 133 |
| Zeng | 2020-06-16 | Medrxiv | 134 |
| Suleyman | 2020-06-16 | JAMA | 135 |
| Chen, Yu | 2020-06-16 | Leukemia | 136 |
| Garassino | 2020-06-12 | Lancet Oncology | 137 |
| Hernandez, Garduno | 2020-06-11 | Obesity Research Clinical Practice | 138 |
| Govind | 2020-06-20 | Medrxiv | 139 |
| Siso, Almirall | 2020-06-20 | Medrxiv | 140 |
| Gu | 2020-06-18 | Medrxiv | 141 |
| Kibler | 2020-06-16 | Medrxiv | 142 |
| Ikitimur | 2020-06-03 | Journal of Medical Virology | 143 |
| Sierpinski | 2020-06-03 | Polish Archives of Internal Medicine | 144 |
| Zhou, He | 2020-06-10 | Medrxiv | 145 |
| Crovetto | 2020-06-19 | Medrxiv | 146 |
| Veras | 2020-06-09 | Medrxiv | 147 |
| Sterlin | 2020-06-11 | Medrxiv | 148 |
| Rossi | 2020-06-09 | Medrxiv | 149 |
| Duan | 2020-06-22 | Medrxiv | 150 |
| Martin, Jiminez | 2020-06-09 | Medrxiv | 151 |
| Elezkurtaj | 2020-06-17 | Medrxiv | 152 |
| Lenka | 2020-06-22 | Medrxiv | 153 |
| Olivares | 2020-06-16 | Medrxiv | 154 |
| Salton | 2020-06-20 | Medrxiv | 155 |
| Wei | 2020-06-18 | Medrxiv | 156 |
| Zuo, Estes | 2020-06-17 | Medrxiv | 157 |
| Killerby | 2020-06-17 | Cdc Report | 158 |
| Sigel | 2020-06-28 | Clinical Infectious Diseases | 159 |
| Nguyen | 2020-06-29 | Medrxiv | 160 |
| De, Melo | 2020-06-29 | Medrxiv | 161 |
| Auvinen | 2020-06-29 | Medrxiv | 162 |
| De, Souza | 2020-06-28 | Medrxiv | 163 |
| Mendy | 2020-06-27 | Medrxiv | 164 |
| Pongpirul, Old | 2020-06-26 | Medrxiv | 165 |
| Jin, Gu | 2020-06-25 | Medrxiv | 166 |
| Favara, Old | 2020-05-23 | Medrxiv | 167 |
| Fisman | 2020-06-23 | Medrxiv | 168 |
| Madariaga | 2020-06-23 | Medrxiv | 169 |
| Senkal | 2020-07-07 | The Anatolian Journal of Cardiology | 170 |
| Mohamud | 2020-07-02 | American Journal of Neuroradiology | 171 |
| Magleby | 2020-06-30 | Clinical Infectious Diseases | 172 |
| Kimmig | 2020-07-06 | Medrxiv | 173 |
| Bello, Chavolla, Antonio, Villa | 2020-07-04 | Medrxiv | 174 |
| Zacharioudakis | 2020-07-04 | Medrxiv | 175 |
| Antonio, Villa | 2020-07-04 | Medrxiv | 176 |
| Patel | 2020-07-03 | Medrxiv | 177 |
| Merzon | 2020-07-03 | Medrxiv | 178 |
| Trubiano | 2020-07-02 | Medrxiv | 179 |
| Fan | 2020-07-11 | Medrxiv | 180 |
| Shi, Resurreccion | 2020-07-11 | Medrxiv | 181 |
| Riley | 2020-07-11 | Medrxiv | 182 |
| Maucourant | 2020-07-10 | Medrxiv | 183 |
| Elmunzer | 2020-07-09 | Medrxiv | 184 |
| Alizadehsani | 2020-07-09 | Medrxiv | 185 |
| Xie | 2020-07-07 | Medrxiv | 186 |
| Abolghasemi | 2020-07-17 | Transplant Infectious Disease | 187 |
| Merkely | 2020-07-17 | Geroscience | 188 |
| Fox | 2020-07-17 | British Journal of Haematology | 189 |
| Zhang, Cao | 2020-07-14 | Allergy | 190 |
| Martinez, Resendez | 2020-07-20 | Medrxiv | 191 |
| Hoertel | 2020-07-20 | Medrxiv | 192 |
| Edwards | 2020-07-19 | Medrxiv | 193 |
| Pandolfi | 2020-07-17 | Medrxiv | 194 |
| Girardeau | 2020-07-17 | Medrxiv | 195 |
| Kurashima | 2020-07-17 | Medrxiv | 196 |
| Zhan | 2020-07-16 | Medrxiv | 197 |
| Omrani | 2020-07-16 | Medrxiv | 198 |
| Gupta | 2020-07-16 | Medrxiv | 199 |
| Shi, Zuo | 2020-07-15 | Medrxiv | 200 |
| Hussein | 2020-07-15 | Medrxiv | 201 |
| Bian | 2020-07-15 | Medrxiv | 202 |
| Eiros | 2020-07-14 | Medrxiv | 203 |
| Marcos | 2020-07-14 | Medrxiv | 204 |
| Hoertel, Sanchez, Rico | 2020-07-14 | Medrxiv | 205 |
| Soares | 2020-07-16 | American Journal of Tropical Medicine and Hygiene | 206 |
| Zobairy | 2020-07-28 | Medrxiv | 207 |
| Altamimi | 2020-07-27 | Medrxiv | 208 |
| Thompson | 2020-07-27 | Medrxiv | 209 |
| Reiter | 2020-07-26 | Medrxiv | 210 |
| Motta | 2020-07-26 | Medrxiv | 211 |
| Santos | 2020-07-25 | Medrxiv | 212 |
| Schneeweiss | 2020-07-22 | Medrxiv | 213 |
| Mejia | 2020-07-24 | Medrxiv | 214 |
| Izquierdo | 2020-07-24 | Medrxiv | 215 |
| Bernaola | 2020-07-21 | Medrxiv | 216 |
| Islam | 2020-08-18 | Medrxiv | 217 |
| Qi | 2020-03-03 | Medrxiv | 218 |
| Peters | 2020-08-15 | Medrxiv | 219 |
| Ouyang | 2020-08-14 | Medrxiv | 220 |
| Ward | 2020-08-21 | Medrxiv | 221 |
| Valenzuela | 2020-08-14 | Medrxiv | 222 |
| Monteiro | 2020-08-14 | Medrxiv | 223 |
| Philipose | 2020-08-14 | Medrxiv | 224 |
| Weerahandi | 2020-08-14 | Medrxiv | 225 |
| Ebinger | 2020-08-04 | Medrxiv | 226 |
| Altibi | 2020-08-11 | Medrxiv | 227 |
| Izzi, Engbeaya | 2020-08-11 | Medrxiv | 228 |
| Rizzo | 2020-08-11 | Medrxiv | 229 |
| Dashti, Old | 2020-08-04 | Medrxiv | 230 |
| Morshed | 2020-08-02 | Medrxiv | 231 |
| Jun | 2020-08-01 | Medrxiv | 232 |
| Higuchi | 2020-07-30 | Medrxiv | 233 |
| Zhou, Sun | 2020-07-29 | Medrxiv | 234 |
| Salerno | 2020-08-22 | Medrxiv | 235 |
| Kumar | 2020-07-29 | Medrxiv | 236 |
| Hao | 2020-06-01 | The American Journal of Gastroenterology | 237 |
| Iversen | 2020-08-03 | The Lancet Infectious Diseases | 238 |
| Hippisley, Cox | 2020-07-13 | Heart | 239 |
| Fillmore | 2020-08-24 | Medrxiv | 240 |
| Rashid | 2020-08-22 | Medrxiv | 241 |
| Pan | 2020-08-22 | Medrxiv | 242 |
| Alkurt | 2020-08-20 | Medrxiv | 243 |
| Zhao, Chen | 2020-07-30 | Plos One | 244 |
| Holman | 2020-08-13 | The Lancet Diabetes and Endocrinology | 245 |
| Qu | 2020-07-29 | Acta Clinica Belgica | 246 |
| Chand | 2020-08-19 | Journal of Intensive Care Medicine | 247 |
| Petrilli | 2020-05-22 | BMJ | 248 |
| Magagnoli | 2020-06-05 | MED | 249 |
| Niedzwiedz | 2020-05-29 | Bmc Medicine | 250 |
| Bello, Chavolla | 2020-05-31 | The Journal of Clinical Endocrinology and Metabolism | 251 |
| Zuo, Yalavarthi | 2020-04-24 | Jci Insight | 252 |
| Oliveira | 2020-08-31 | Medrxiv | 253 |
| Hussein, Galal | 2020-09-01 | Medrxiv | 254 |
| Vilar, Garcia | 2020-09-01 | Medrxiv | 255 |
| Ibarra, Nava | 2020-09-01 | Medrxiv | 256 |
| Ibrahim | 2020-08-27 | Medrxiv | 257 |
| Rubio, Rivas | 2020-09-01 | Medrxiv | 258 |
| Kua | 2020-09-01 | Medrxiv | 259 |
| Mamtani | 2020-09-02 | Medrxiv | 260 |
| Ren | 2020-09-02 | Medrxiv | 261 |
| Yoo | 2020-08-31 | Medrxiv | 262 |
| Mutambudzi | 2020-09-03 | Medrxiv | 263 |
| Yan | 2020-09-07 | Medrxiv | 264 |
| Mancilla, Galindo | 2020-09-08 | Medrxiv | 265 |
| Ullah | 2020-09-08 | Medrxiv | 266 |
| Dashti | 2020-09-13 | Medrxiv | 267 |
| Sami | 2020-09-14 | Medrxiv | 268 |
| Pongpirul | 2020-09-16 | Medrxiv | 269 |
| Nicholson | 2020-09-17 | Medrxiv | 270 |
| Ariza | 2020-09-18 | Medrxiv | 271 |
| Carrat | 2020-09-18 | Medrxiv | 272 |
| Zhu | 2020-09-21 | Medrxiv | 273 |
| Sun | 2020-08-16 | Medrxiv | 274 |
| Kalan | 2020-05-01 | Tobacco Induced Diseases | 275 |
| Burrell | 2020-09-16 | The Medical Journal of Australia | 276 |
| Isaric, 5, Old | 2020-09-03 | Isaric | 277 |
| Meini | 2020-09-23 | Nicotine and Tobacco Research | 278 |
| Favara | 2020-09-20 | Medrxiv | 279 |
| Da, Silva, Neto | 2020-09-23 | Medrxiv | 280 |
| Li, Cai | 2020-09-28 | Medrxiv | 281 |
| Wang | 2020-09-29 | Medrxiv | 282 |
| Lopez, Medrano | 2020-09-30 | Medrxiv | 283 |
| Incerti | 2020-10-02 | Medrxiv | 284 |
| Collard | 2020-10-01 | Medrxiv | 285 |
| Robinson | 2020-10-05 | Medrxiv | 286 |
| Erber | 2020-10-06 | Medrxiv | 287 |
| Chaudhary | 2020-10-06 | Medrxiv | 288 |
| Roederer | 2020-10-09 | Medrxiv | 289 |
| Savarraj | 2020-10-18 | Medrxiv | 290 |
| Israel, Schaffer | 2020-10-18 | Medrxiv | 291 |
| El, Solh | 2020-10-20 | Medrxiv | 292 |
| Chudasama | 2020-10-23 | Medrxiv | 293 |
| Salama | 2020-10-23 | Medrxiv | 294 |
| Makaronidis | 2020-10-01 | Plos Medicine | 295 |
| Ramachandran | 2020-10-12 | Cancer Control | 296 |
| Hadi | 2020-08-05 | AIDS | 297 |
| Luo, Rizvi | 2020-10-03 | Annals of Oncology | 298 |
| Ioannou | 2020-09-23 | Jama Network Open | 299 |
| Isaric, 6 | 2020-10-04 | Isaric | 300 |
| Perico | 2020-10-22 | Ebiomedicine | 301 |
| Lamure | 2020-10-12 | Eclinicalmedicine | 302 |
| Yadaw | 2020-10-01 | Lancet Digital Health | 303 |