

Search purpose: Systematic search of the COVID-19 literature performed Monday through Friday for the [WHO Database](#). Search strategy as of **16 January 2023**. Searches performed by Kavita Kothari, and Martha Knuth.

Use following commands to pull daily new entries:

- Entry_date:([20220101 TO 20220120])
- Entry_date:(20220105)

Duplicates: Duplicates are found in EndNote and Distillr using the Bramer method. Further screening is done by expert reviewers but some duplicates may still be in the database.

Bramer WM, Giustini D, de Jonge GB, Holland L, Bekhuis T. De-duplication of database search results for systematic reviews in EndNote. J Med Libr Assoc. 2016 Jul;104(3):240-3. doi: 10.3163/1536-5050.104.3.014. Erratum in: J Med Libr Assoc. 2017 Jan;105(1):111. PMID: 27366130; PMCID: PMC4915647.

Search Strategy:

Database	Strategy
Medline (Ovid) 1946-	(corona virus* OR corona pandemic* OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COH04S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DeINS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR "high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR

	"beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage" OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR omicron* OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhrevac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino).mp. OR ((variant OR variants) adj1 (concern OR investigation* OR consequence*)).mp. OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) adj1 (VOC OR VOCs OR VOI OR VUI OR variant OR lineage*)).mp. OR (cepi).ti. OR ((voc OR vocs).ti. NOT (environ* OR emission* OR "organic").ti,ab.) OR exp COVID-19 Nucleic Acid Testing/ or exp COVID-19 Vaccines/ or exp COVID-19/ or exp COVID-19 Testing/ or exp COVID-19 Serological Testing/ OR exp SARS-CoV-2/
Medline (PubMed)	"corona virus"[tiab] OR "corona pandemic"[tiab] OR coronavir*[tiab] OR covid19[tiab] OR covid*[tiab] OR "wuhan virus"[tiab] OR "severe acute respiratory syndrome"[tiab] OR "novel CoV"[tiab] OR 2019nCoV[tiab] OR ncov[tiab] OR NCOV19[tiab] OR ncovid[tiab] OR sarscov2[tiab] OR sars2[tiab] OR "sars 2"[tiab] OR "sars-cov"[tiab] OR "sarscov 2"[tiab] OR "sars cov 2"[tiab] OR "sars co v 2"[tiab] OR sarscov[tiab] OR "sars virus"[tiab] OR "social distancing"[tiab] OR "flatten the curve"[tiab] OR "flattening the curve"[tiab] OR pandoeconom*[tiab] OR twindemic*[tiab] OR "solidarity trial"[tiab] OR "operation warp speed"[tiab] OR COVAX[tiab] OR "Coalition for Epidemic Preparedness Innovations"[tiab] OR "ACT-Accelerator"[tiab] OR "ACT Accelerator"[tiab] OR

BNT162b2[tiab] OR comirnaty[tiab] OR "mRNA-1273"[tiab] OR CoviShield[tiab] OR AZD1222[tiab]
 OR "ChAdOx1-S"[tiab] OR "ChAdOx1 S"[tiab] OR "ChAdOx1 nCoV-19"[tiab] OR vaxzevria[tiab] OR
 "Sputnik V"[tiab] OR "Sputnik light"[tiab] OR "Sputnik-light"[tiab] OR CoronaVac[tiab] OR
 picoVacc[tiab] OR "BBIBP-CorV"[tiab] OR "Ad26.CoV2.S"[tiab] OR "ad26.covs.1"[tiab] OR
 "ad26.cov"[tiab] OR "JNJ-78436735"[tiab] OR Ad26COVS1[tiab] OR VAC31518[tiab] OR
 EpiVacCorona[tiab] OR Convidicea[tiab] OR "Ad5-nCoV"[tiab] OR pakvac[tiab] OR Novavax[tiab]
 OR "NVX-CoV2373"[tiab] OR Sinovac[tiab] OR sinopharm[tiab] OR Covaxin[tiab] OR "COVIran
 Barakat"[tiab] OR BBV152[tiab] OR "WIBP-CorV"[tiab] OR KoviVac[tiab] OR CoviVac[tiab] OR
 ZF2001[tiab] OR "RBD-Dimer"[tiab] OR QazVac[tiab] OR "QazCovid-in"[tiab] OR "TAK-919"[tiab]
 OR "NVX-CoV2373"[tiab] OR "ZyCoV-D"[tiab] OR "CIGB 66"[tiab] OR CVnCoV[tiab] OR "INO-
 4800"[tiab] OR "VIR-7831"[tiab] OR "UB-612"[tiab] OR BNT162[tiab] OR "GRAd-COV2"[tiab] OR
 "SCB-2019"[tiab] OR "Razi Cov Pars"[tiab] OR Nanocovax[tiab] OR "AdCLD-CoV19"[tiab] OR "KD-
 414"[tiab] OR "VBI-2902a"[tiab] OR "COVID-eVax"[tiab] OR "S-268019"[tiab] OR "GLS-5310"[tiab]
 OR Covigenix[tiab] OR "VAX-001"[tiab] OR "Vietnam domestic vaccine"[tiab] OR "EXG-5003"[tiab]
 OR "AKS-452"[tiab] OR "DS-5670a"[tiab] OR ABNCov2[tiab] OR VLA2001[tiab] OR EuCorVac[tiab]
 OR "IIBR-100"[tiab] OR ArCov[tiab] OR "AG0301-COVID19"[tiab] OR "GX-19N"[tiab] OR "ARCT-
 021"[tiab] OR "LUNAR-COV19"[tiab] OR "HDT-301"[tiab] OR HGCO19[tiab] OR "AV-COVID-
 19"[tiab] OR "PTX-COVID19-B"[tiab] OR "COVI-VAC"[tiab] OR CORVax12[tiab] OR "MVA-SARS-2-
 S"[tiab] OR COHo4S1[tiab] OR "AdimrSC-2f"[tiab] OR "bacTRL-Spike"[tiab] OR "COVAX-19"[tiab]
 OR "DelNS1-2019-nCoV-RBD-OPT1"[tiab] OR "GRAd-COV2"[tiab] OR "UQ-CSL V451"[tiab] OR
 "VXA-CoV2-1"[tiab] OR "AdCOVID"[tiab] OR "AAVCOVID"[tiab] OR "ChAd-SARS-CoV-2-S"[tiab]
 OR HaloVax[tiab] OR LineaDNA[tiab] OR MRT5500[tiab] OR PittCoVacc[tiab] OR "T-
 COVIDTM"[tiab] OR "LNP-nCoVsaRNA"[tiab] OR V590[tiab] OR V591[tiab] OR "ERUCOV-
 VAC"[tiab] OR BUTANVAC[tiab] OR "MVC-COV1901"[tiab] OR Vidprevtyn[tiab] OR Corbevax[tiab]
 OR GBP510[tiab] OR BBV154[tiab] OR "Gam-COVID-Vac"[tiab] OR "variant of concern"[tiab] OR
 "variants of concern"[tiab] OR "variant under investigation"[tiab] OR "variants under
 investigation"[tiab] OR "variant of high consequence"[tiab] OR "variants of high consequence"[tiab]
 OR "high consequence variant"[tiab] OR "high consequence variants"[tiab] OR "variant of
 interest"[tiab] OR "variants of interest"[tiab] OR "B.1.1.7"[tiab] OR "VOC 202012/01"[tiab] OR
 "VOC202012/01"[tiab] OR "VUI 202012/01"[tiab] OR "VUI202012/01"[tiab] OR "501Y.V1"[tiab] OR
 "UK Variant"[tiab] OR "Kent Variant"[tiab] OR "VOC 202102/02"[tiab] OR "VOC202102/02"[tiab]
 OR "VOC-20DEC-01"[tiab] OR "VOC-21FEB-02"[tiab] OR "alpha variant"[tiab] OR "alpha
 VOC"[tiab] OR "alpha VOI"[tiab] OR "alpha VUI"[tiab] OR "alpha lineage"[tiab] OR "B.1.351"[tiab]
 OR "VOC 202012/02"[tiab] OR "VOC202012/02"[tiab] OR "20H/501.V2"[tiab] OR
 "20H/501Y.V2"[tiab] OR "501Y.V2"[tiab] OR "501.V2"[tiab] OR "South African Variant"[tiab] OR
 "VOC-20DEC-02"[tiab] OR "beta variant"[tiab] OR "beta VOC"[tiab] OR "beta VOI"[tiab] OR "beta
 VUI"[tiab] OR "beta lineage"[tiab] OR "B.1.1.28.1"[tiab] OR "B.1.1.28"[tiab] OR "B.1.1.248"[tiab] OR
 "VOC 202101/02"[tiab] OR "VOC202101/02"[tiab] OR "VUI202101/02"[tiab] OR "VUI
 202101/02"[tiab] OR "501Y.V3"[tiab] OR "brazil Variant"[tiab] OR "P.1 variant"[tiab] OR "P.1
 lineage"[tiab] OR "Lineage P.1"[tiab] OR "VOC-21JAN-02"[tiab] OR "gamma variant"[tiab] OR
 "gamma VOC"[tiab] OR "gamma VOI"[tiab] OR "gamma VUI"[tiab] OR "gamma lineage"[tiab] OR
 "B.1.617"[tiab] OR "VUI-21APR-01"[tiab] OR "B.1.618"[tiab] OR "VUI-202102/01"[tiab] OR "VUI-
 21FEB-01"[tiab] OR "B.1.617.2"[tiab] OR "VOC-21APR-02"[tiab] OR "B.1.6172"[tiab] OR
 "B.1.617.2.1"[tiab] OR "AY.1 variant"[tiab] OR "AY.22 variant"[tiab] OR "AY.2 variant"[tiab] OR
 "AY.3 variant"[tiab] OR "delta variant"[tiab] OR "delta VOC"[tiab] OR "delta VOI"[tiab] OR "delta
 VUI"[tiab] OR "delta plus variant"[tiab] OR "deltaplus variant"[tiab] OR "deltaplus VOC"[tiab] OR
 "deltaplus VOI"[tiab] OR "deltaplus VUI"[tiab] OR "delta plus VOC"[tiab] OR "delta plus VOI"[tiab]
 OR "delta plus VUI"[tiab] OR "delta lineage"[tiab] OR "delta plus lineage"[tiab] OR "B.1.427"[tiab]
 OR "B.1.429"[tiab] OR "20C/S:452R"[tiab] OR "CAL.20C"[tiab] OR "CAL.20C/L452R"[tiab] OR
 "20C/L452R"[tiab] OR "20-C variant"[tiab] OR "CAVUI1"[tiab] OR "GH/451R.V1"[tiab] OR "epsilon
 variant"[tiab] OR "epsilon VOC"[tiab] OR "epsilon VOI"[tiab] OR "epsilon VUI"[tiab] OR "epsilon
 lineage"[tiab] OR "B.1.526"[tiab] OR "20C/S:484K"[tiab] OR "iota variant"[tiab] OR "iota VOC"[tiab]
 OR "iota VOI"[tiab] OR "iota VUI"[tiab] OR "iota lineage"[tiab] OR "B.1.1.28.3"[tiab] OR "P3
 variant"[tiab] OR "P.3 Strain"[tiab] OR "Lineage P.3"[tiab] OR "P.3 Lineage"[tiab] OR "PHL-

	B.1.1.28"[tiab] OR "VUI-21MAR-02"[tiab] OR "theta variant"[tiab] OR "theta VOC"[tiab] OR "theta VOI"[tiab] OR "theta VUI"[tiab] OR "theta lineage"[tiab] OR "B.1.1.28.2"[tiab] OR "20B/S.484K"[tiab] OR "P.2 variant"[tiab] OR "P.2 strain"[tiab] OR "P.2 Lineage"[tiab] OR "GR clade"[tiab] OR "VUI 202101/01"[tiab] OR "VUI202101/01"[tiab] OR "zeta variant"[tiab] OR "zeta VOC"[tiab] OR "zeta VOI"[tiab] OR "zeta VUI"[tiab] OR "theta lineage"[tiab] OR "B.1.177"[tiab] OR "20A.EU1"[tiab] OR "20A.EU2"[tiab] OR "Variant 20A"[tiab] OR "B.1.525"[tiab] OR "G/484K.V3"[tiab] OR "20A/S:484K"[tiab] OR "UK1188"[tiab] OR "eta variant"[tiab] OR "eta VOC"[tiab] OR "eta VOI"[tiab] OR "eta VUI"[tiab] OR "eta lineage"[tiab] OR "B.1.617.1"[tiab] OR "kappa variant"[tiab] OR "kappa plus variant"[tiab] OR "kappaplus variant"[tiab] OR "kappa VOC"[tiab] OR "kappa VOI"[tiab] OR "kappa VUI"[tiab] OR "kappaplus VOC"[tiab] OR "kappaplus VOI"[tiab] OR "kappaplus VUI"[tiab] OR "kappa plus VOC"[tiab] OR "kappa plus VOI"[tiab] OR "kappa plus VUI"[tiab] OR "kappa lineage"[tiab] OR "kappaplus lineage"[tiab] OR "kappa plus lineage"[tiab] OR "C.37 variant"[tiab] OR "lambda variant"[tiab] OR "lambda VOC"[tiab] OR "lambda VOI"[tiab] OR "lambda VUI"[tiab] OR "lambda lineage"[tiab] OR "B.1.621"[tiab] OR "Mu variant"[tiab] OR "MU VOC"[tiab] OR "MU VOI"[tiab] OR "MU VUI"[tiab] OR "MU lineage"[tiab] OR "B.1.616"[tiab] OR omicron[tiab] OR "B.1.1.529"[tiab] OR "B.1.1.529.2"[tiab] OR "B.1.1.529.1"[tiab] OR "20C/B1"[tiab] OR "clade 20C"[tiab] OR N501Y[tiab] OR A570D[tiab] OR K417N[tiab] OR E484K[tiab] OR "K417N/T"[tiab] OR S477N[tiab] OR D253G[tiab] OR A701V[tiab] OR R847H[tiab] OR V30L[tiab] OR A220V[tiab] OR T445C[tiab] OR C6286T[tiab] OR C26801G[tiab] OR E484L[tiab] OR Y144V[tiab] OR Q677H[tiab] OR 484K[tiab] OR P681R[tiab] OR D651G[tiab] OR E484Q[tiab] OR F888L[tiab] OR F565L[tiab] OR V1176F[tiab] OR F157S[tiab] OR T781I[tiab] OR T859N[tiab] OR D950H[tiab] OR K417T[tiab] OR L18F[tiab] OR P26S[tiab] OR R190S[tiab] OR H655Y[tiab] OR T1027I[tiab] OR A701V[tiab] OR K417N[tiab] OR S494P[tiab] OR T716I[tiab] OR S982A[tiab] OR D1118H[tiab] OR K1191N[tiab] OR G142D[tiab] OR P614R[tiab] OR Q1071H[tiab] OR T478K[tiab] OR D950N[tiab] OR T19R[tiab] OR N501T[tiab] OR "S982A"[tiab] OR "S13I"[tiab] OR "W152C"[tiab] OR Q677P[tiab] OR "G75V"[tiab] OR "M177T"[tiab] OR "Y453F"[tiab] OR "C1247F"[tiab] OR "F490S"[tiab] OR Spikevax[tiab] OR covilo[tiab] OR kconvac[tiab] OR kconecavac[tiab] OR becov2a[tiab] OR nuvaxovid[tiab] OR "mvc cov1901"[tiab] OR "mvc-cov1901"[tiab] OR "aurora cov"[tiab] OR "epivaccorona n"[tiab] OR "erucov vac"[tiab] OR "finlay fr 2"[tiab] OR "finlay fr 1a"[tiab] OR "finlay-fr-2"[tiab] OR "finlay-fr-1a"[tiab] OR "pastu covac"[tiab] OR "nvsi o6 o8"[tiab] OR fakhravac[tiab] OR "razi cov pars"[tiab] OR spikogen[tiab] OR "covax-19"[tiab] OR covax19[tiab] OR "covax 19"[tiab] OR "zycov d"[tiab] OR abdayomeran[tiab] OR "bnt 162b1"[tiab] OR bnt162b1[tiab] OR "soberana o2"[tiab] OR soberanao2[tiab] OR "soberana plus"[tiab] OR tozinameran[tiab] OR ad26covs1[tiab] OR cansino[tiab] OR cepi[ti] OR ((voc[ti] OR vocs[ti]) NOT (environ*[tiab] OR environment[tiab] OR emission*[tiab] OR "organic"[tiab])) OR "COVID-19 Testing"[Mesh] OR "COVID-19 Vaccines"[Mesh] OR "COVID-19"[Mesh] OR "SARS-CoV-2"[Mesh] OR "COVID-19 Serological Testing"[Mesh] OR "COVID-19 Nucleic Acid Testing"[Mesh]
Embase (Ovid) 1947-	(corona virus* OR corona pandemic* OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam

domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COH04S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DeINS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR "high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage" OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR omicron* OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhrovac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1

	OR "soberana 02" OR soberana02 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino).mp. OR ((variant OR variants) adj1 (concern OR investigation* OR consequence*)).mp. OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) adj1 (VOC OR VOCs OR VOI OR VUI OR variant OR lineage*)).mp. OR (cepi).ti. OR ((voc OR vocs).ti. NOT (environ* OR emission* OR "organic").ti,ab.) OR exp coronavirus disease 2019/ OR exp Severe acute respiratory syndrome coronavirus 2/ OR exp asymptomatic coronavirus disease 2019/ or exp covid-19 skin manifestation/ or exp covid-19-associated acute hemorrhagic necrotizing encephalopathy/ or exp covid-19-associated coagulopathy/ or exp covid-19-associated meningoencephalitis/ or exp covid-19-associated nephropathy/ or exp long covid/ OR exp sars-cov-2 vaccine/ or exp anti-sars-cov-2 agent/
CAB Abstracts (Ovid) 1910-	(corona virus* OR corona pandemic* OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR "high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage"

	OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR omicron* OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvti 06 08" OR fakhrovac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana 02" OR soberana02 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino).mp. OR ((variant OR variants) adj1 (concern OR investigation* OR consequence*)).mp. OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) adj1 (VOC OR VOCs OR VOI OR VUI OR variant OR lineage*)).mp. OR (cepi).ti. OR ((voc OR vocs).ti. NOT (environ* OR emission* OR "organic").ti.ab.)
Global Health (Ovid) 1910-	(corona virus* OR corona pandemic* OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR

"COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR "high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage" OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR omicron* OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177I" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhrevac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino).mp. OR ((variant OR variants) adj1 (concern OR investigation* OR consequence*)).mp. OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR

	zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) adj1 (VOC OR VOCs OR VOI OR VUI OR variant OR lineage*).mp. OR (cepi).ti. OR ((voc OR vocs).ti. NOT (environ* OR emission* OR "organic").ti,ab.)
PsycInfo (Ovid) 1806-	(corona virus* OR corona pandemic* OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCoV2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR "high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage" OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC"

	OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR omicron* OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhravac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino).mp. OR ((variant OR variants) adj1 (concern OR investigation* OR consequence*)).mp. OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) adj1 (VOC OR VOCs OR VOI OR VUI OR variant OR lineage*)).mp. OR (cepi).ti. OR ((voc OR vocs).ti. NOT (environ* OR emission* OR "organic").ti.ab.)
Scopus 1960-	TITLE-ABS-KEY ("corona virus" OR "corona pandemic" OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCoV2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-o21" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR " high

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Academic Search Complete (Ebsco)	TI,AB,SU(("corona virus" OR "corona pandemic" OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp

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	lineage" OR "omicron VOC" OR "omicron VUI" OR "omicron VOI" OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR konecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvti o6 o8" OR fakhrevac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino) OR ((variant OR variants) N1 (concern OR investigation* OR consequence*)) OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) N1 (variant OR lineage*)) OR TI (cepi) Limits: Dec. 2019-, peer-reviewed
Africa Wide Information (Ebsco)	TLAB,SU(("corona virus" OR "corona pandemic" OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COH04S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR " high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR

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CINAHL (Ebsco)	TI,AB,SU(("corona virus" OR "corona pandemic" OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR

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	OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvti o6 o8" OR fakhravac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino) OR ((variant OR variants) N1 (concern OR investigation* OR consequence*)) OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) N1 (variant OR lineage*)) OR TI (cepi) OR ((MH "Coronavirus") OR (MH "Coronavirus Infections") OR (MH "SARS-CoV-2") OR (MH "COVID-19 Testing") OR (MH "COVID-19 Vaccines") OR (MH "COVID-19 Pandemic") OR (MH "COVID-19")) Limits: Dec. 2019-, peer-reviewed
ProQuest Central (Proquest) 1952-	TI,AB,SU(("corona virus" OR "corona pandemic" OR coronavir* OR covid19 OR covid* OR "wuhan virus" OR "severe acute respiratory syndrome" OR "novel CoV" OR nCoV* OR 2019nCoV OR ncov19 OR ncovid OR sarscov2 OR sars2 OR "sars 2" OR "sars-cov" OR "sarscov 2" OR "sars cov 2" OR "sars co v 2" OR sarscov OR "sars virus" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR "mRNA-1273" OR CoviShield OR AZD1222 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" OR "high consequence variant" OR " high consequence variants" OR "variant of interest" OR "variants of interest" OR "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR "501Y.V1" OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha VOI" OR "alpha VUI" OR "alpha

	lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR "501Y.V2" OR "501.V2" OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta VOI" OR "beta VUI" OR "beta lineage" OR "B.1.1.28.1" OR "B.1.1.28" OR "B.1.1.248" OR "VOC 202101/02" OR "VOC202101/02" OR "VUI202101/02" OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma VOI" OR "gamma VUI" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR "B.1.617.2" OR "VOC-21APR-02" OR "B.1.6172" OR "B.1.617.2.1" OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta VOI" OR "delta VUI" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "deltaplus VOI" OR "deltaplus VUI" OR "delta plus VOC" OR "delta plus VOI" OR "delta plus VUI" OR "delta lineage" OR "delta plus lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOC" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOC" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR "B.1.1.28.3" OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOC" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOC" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOC" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR "B.1.617.1" OR "kappa variant" OR "kappa plus variant" OR "kappaplus variant" OR "kappa VOC" OR "kappa VOI" OR "kappa VUI" OR "kappaplus VOC" OR "kappaplus VOI" OR "kappaplus VUI" OR "kappa plus VOC" OR "kappa plus VOI" OR "kappa plus VUI" OR "kappa lineage" OR "kappaplus lineage" OR "kappa plus lineage" OR "C.37 variant" OR "lambda variant" OR "lambda VOC" OR "lambda VOI" OR "lambda VUI" OR "lambda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOC" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR "omicron variant" OR "omicron variants" OR "omicron lineage" OR "omicron VOC" OR "omicron VUI" OR "omicron VOI" OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR "20C/B1" OR "clade 20C" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S131" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR Spikevax OR covilo OR kconvac OR konecavac OR becov2a OR nuvaxovid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhravac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino) OR ((variant OR variants) N/1 (concern OR investigation* OR consequence*)) OR ((alpha OR beta OR gamma OR delta OR deltaplus OR "delta plus" OR epsilon OR iota OR theta OR zeta OR eta OR kappa OR kappaplus OR "kappa plus" OR lambda OR mu OR omicron) N/1 (variant OR lineage*)) OR TI (cepi) Limits: Dec. 2019-, peer-reviewed
PubMed Central	"corona virus"[title] OR "corona pandemic"[title] OR coronavir*[title] OR covid19[title] OR covid*[title] OR "wuhan virus"[title] OR "severe acute respiratory syndrome"[title] OR "novel CoV"[title] OR nCoV*[title] OR 2019nCoV[title] OR NCOV19[title] OR ncovid[title] OR sarscov2[title] OR sars2[title] OR "sars 2"[title] OR "sars-cov"[title] OR "sarscov 2"[title] OR "sars cov 2"[title] OR "sars co v 2"[title] OR sarscov[title] OR "sars virus"[title] OR "social distancing"[title]

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L18F[title] OR P26S[title] OR R190S[title] OR H655Y[title] OR T1027I[title] OR A701V[title] OR
K417N[title] OR S494P[title] OR T716I[title] OR S982A[title] OR D1118H[title] OR K1191N[title] OR

G142D[title] OR P614R[title] OR Q1071H[title] OR T478K[title] OR D950N[title] OR T19R[title] OR N501T[title] OR "S982A"[title] OR "S13I"[title] OR "W152C"[title] OR Q677P[title] OR "G75V"[title] OR "M177T"[title] OR "Y453F"[title] OR "C1247F"[title] OR "F490S"[title] OR "corona virus"[abstract] OR "corona pandemic"[abstract] OR coronavir*[abstract] OR betacoronavir*[abstract] OR covid19[abstract] OR covid*[abstract] OR "wuhan virus"[abstract] OR "severe acute respiratory syndrome"[abstract] OR "novel CoV"[abstract] OR nCoV*[abstract] OR hcov[abstract] OR "CoV 2"[abstract] OR CoV2[abstract] OR 2019nCoV[abstract] OR NCOV19[abstract] OR ncovid[abstract] OR sarscov2[abstract] OR sars2[abstract] OR "sars 2"[abstract] OR "sars-cov"[abstract] OR "sarscov 2"[abstract] OR "sars cov 2"[abstract] OR "sars co v 2"[abstract] OR sarscov[abstract] OR "sars virus"[abstract] OR "social distancing"[abstract] OR "flatten the curve"[abstract] OR "flattening the curve"[abstract] OR pandoeconom*[abstract] OR twindemic*[abstract] OR "solidarity trial"[abstract] OR "operation warp speed" OR COVAX OR "Coalition for Epidemic Preparedness Innovations" OR "ACT-Accelerator" OR "ACT Accelerator" OR BNT162b2 OR comirnaty OR tozinameran OR "mRNA-1273" OR CoviShield OR AZD1222 OR AZD-122 OR "ChAdOx1-S" OR "ChAdOx1 S" OR "ChAdOx1 nCoV-19" OR vaxzevria OR "Sputnik V" OR "Sputnik light" OR "Sputnik-light" OR CoronaVac OR picoVacc OR "BBIBP-CorV" OR "Ad26.CoV2.S" OR "ad26.covs.1" OR "ad26.cov" OR "JNJ-78436735" OR Ad26COVS1 OR VAC31518 OR EpiVacCorona OR Convidicea OR Cansino OR "Ad5-nCoV" OR pakvac OR Novavax OR "NVX-CoV2373" OR Sinovac OR sinopharm OR Covaxin OR "COVIran Barakat" OR BBV152 OR "WIBP-CorV" OR KoviVac OR CoviVac OR ZF2001 OR "RBD-Dimer" OR QazVac OR "QazCovid-in" OR "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" OR "CIGB 66" OR CVnCoV OR "INO-4800" OR "VIR-7831" OR "UB-612" OR BNT162 OR "GRAd-COV2" OR "SCB-2019" OR "Razi Cov Pars" OR Nanocovax OR "AdCLD-CoV19" OR "KD-414" OR "VBI-2902a" OR "COVID-eVax" OR "S-268019" OR "GLS-5310" OR Covigenix OR "VAX-001" OR "Vietnam domestic vaccine" OR "EXG-5003" OR "AKS-452" OR "DS-5670a" OR ABNCov2 OR "Soberana 1" OR "Soberana 2" OR VLA2001 OR EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" OR "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COH04S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DeINS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR BUTANVAC OR "MVC-COV1901" OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "Gam-COVID-Vac" OR "SpikeVAX" OR "covilo" OR "KCONVAC" OR "KconecaVac" OR "BECOV2A" OR "Nuvaxovid" OR "MVC-COV1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "FINLAY-FR-1A" OR "pastu covac" OR "nvti 06 08" OR "fakhravac" OR "razi cov pars" OR "SpikoGen" OR "COVAX-19" OR "zycov d" OR abdavomeran OR "bnt 162b1" OR "bnt162b1" OR "soberana 02" OR "soberana plus" OR "variant of concern"[abstract] OR "variants of concern"[abstract] OR "variant under investigation"[abstract] OR "variants under investigation"[abstract] OR "variant of high consequence"[abstract] OR "variants of high consequence"[abstract] OR "high consequence variant"[abstract] OR "high consequence variants"[abstract] OR "variant of interest"[abstract] OR "variants of interest"[abstract] OR "B.1.1.7"[abstract] OR "VOC 202012/01"[abstract] OR "VOC202012/01"[abstract] OR "VUI 202012/01"[abstract] OR "VUI202012/01"[abstract] OR "501Y.V1"[abstract] OR "UK Variant"[abstract] OR "Kent Variant"[abstract] OR "VOC 202102/02"[abstract] OR "VOC202102/02"[abstract] OR "VOC-20DEC-01"[abstract] OR "VOC-21FEB-02"[abstract] OR "alpha variant"[abstract] OR "alpha VOC"[abstract] OR "alpha VOI"[abstract] OR "alpha VUI"[abstract] OR "alpha lineage"[abstract] OR "B.1.351"[abstract] OR "VOC 202012/02"[abstract] OR "VOC202012/02"[abstract] OR "20H/501.V2"[abstract] OR "20H/501Y.V2"[abstract] OR "501Y.V2"[abstract] OR "501.V2"[abstract] OR "South African Variant"[abstract] OR "VOC-20DEC-02"[abstract] OR "beta variant"[abstract] OR "beta VOC"[abstract] OR "beta VOI"[abstract] OR "beta VUI"[abstract] OR "beta lineage"[abstract] OR "B.1.1.28.1"[abstract] OR "B.1.1.28"[abstract] OR "B.1.1.248"[abstract] OR "VOC 202101/02"[abstract] OR "VOC202101/02"[abstract] OR "VUI202101/02"[abstract] OR "VUI 202101/02"[abstract] OR "501Y.V3"[abstract] OR "brazil Variant"[abstract] OR "P.1 variant"[abstract] OR "P.1 lineage"[abstract] OR "Lineage P.1"[abstract]

OR "VOC-21JAN-02"[abstract] OR "gamma variant"[abstract] OR "gamma VOC"[abstract] OR
 "gamma VOI"[abstract] OR "gamma VUI"[abstract] OR "gamma lineage"[abstract] OR
 "B.1.617"[abstract] OR "VUI-21APR-01"[abstract] OR "B.1.618"[abstract] OR "VUI-
 202102/01"[abstract] OR "VUI-21FEB-01"[abstract] OR "B.1.617.2"[abstract] OR "VOC-21APR-
 02"[abstract] OR "B.1.6172"[abstract] OR "B.1.617.2.1"[abstract] OR "AY.1 variant"[abstract] OR
 "AY.22 variant"[abstract] OR "AY.2 variant"[abstract] OR "AY.3 variant"[abstract] OR "delta
 variant"[abstract] OR "delta VOC"[abstract] OR "delta VOI"[abstract] OR "delta VUI"[abstract] OR
 "delta plus variant"[abstract] OR "deltaplus variant"[abstract] OR "deltaplus VOC"[abstract] OR
 "deltaplus VOI"[abstract] OR "deltaplus VUI"[abstract] OR "delta plus VOC"[abstract] OR "delta plus
 VOI"[abstract] OR "delta plus VUI"[abstract] OR "delta lineage"[abstract] OR "delta plus
 lineage"[abstract] OR "B.1.427"[abstract] OR "B.1.429"[abstract] OR "20C/S:452R"[abstract] OR
 "CAL.20C"[abstract] OR "CAL.20C/L452R"[abstract] OR "20C/L452R"[abstract] OR "20-C
 variant"[abstract] OR "CAVUI1"[abstract] OR "GH/451R.V1"[abstract] OR "epsilon variant"[abstract]
 OR "epsilon VOC"[abstract] OR "epsilon VOI"[abstract] OR "epsilon VUI"[abstract] OR "epsilon
 lineage"[abstract] OR "B.1.526"[abstract] OR "20C/S:484K"[abstract] OR "iota variant"[abstract] OR
 "iota VOC"[abstract] OR "iota VOI"[abstract] OR "iota VUI"[abstract] OR "iota lineage"[abstract] OR
 "B.1.1.28.3"[abstract] OR "P3 variant"[abstract] OR "P.3 Strain"[abstract] OR "Lineage P.3"[abstract]
 OR "P.3 Lineage"[abstract] OR "PHL-B.1.1.28"[abstract] OR "VUI-21MAR-02"[abstract] OR "theta
 variant"[abstract] OR "theta VOC"[abstract] OR "theta VOI"[abstract] OR "theta VUI"[abstract] OR
 "theta lineage"[abstract] OR "B.1.1.28.2"[abstract] OR "20B/S.484K"[abstract] OR "P.2
 variant"[abstract] OR "P.2 strain"[abstract] OR "P.2 Lineage"[abstract] OR "GR clade"[abstract] OR
 "VUI 202101/01"[abstract] OR "VUI202101/01"[abstract] OR "zeta variant"[abstract] OR "zeta
 VOC"[abstract] OR "zeta VOI"[abstract] OR "zeta VUI"[abstract] OR "theta lineage"[abstract] OR
 "B.1.177"[abstract] OR "20A.EU1"[abstract] OR "20A.EU2"[abstract] OR "Variant 20A"[abstract] OR
 "B.1.525"[abstract] OR "G/484K.V3"[abstract] OR "20A/S:484K"[abstract] OR "UK1188"[abstract]
 OR "eta variant"[abstract] OR "eta VOC"[abstract] OR "eta VOI"[abstract] OR "eta VUI"[abstract] OR
 "eta lineage"[abstract] OR "B.1.617.1"[abstract] OR "kappa variant"[abstract] OR "kappa plus
 variant"[abstract] OR "kappaplus variant"[abstract] OR "kappa VOC"[abstract] OR "kappa
 VOI"[abstract] OR "kappa VUI"[abstract] OR "kappaplus VOC"[abstract] OR "kappaplus
 VOI"[abstract] OR "kappaplus VUI"[abstract] OR "kappa plus VOC"[abstract] OR "kappa plus
 VOI"[abstract] OR "kappa plus VUI"[abstract] OR "kappa lineage"[abstract] OR "kappaplus
 lineage"[abstract] OR "kappa plus lineage"[abstract] OR "C.37 variant"[abstract] OR "lambda
 variant"[abstract] OR "lambda VOC"[abstract] OR "lambda VOI"[abstract] OR "lambda
 VUI"[abstract] OR "lambda lineage"[abstract] OR "B.1.621"[abstract] OR "Mu variant"[abstract] OR
 "MU VOC"[abstract] OR "MU VOI"[abstract] OR "MU VUI"[abstract] OR "MU lineage"[abstract] OR
 "B.1.616"[abstract] OR "20C/B1"[abstract] OR "clade 20C"[abstract] OR omicron*[abstract] OR
 "B.1.1.529"[abstract] OR "B.1.1.529.2"[abstract] OR "B.1.1.529.1"[abstract] OR N501Y[abstract] OR
 A570D[abstract] OR K417N[abstract] OR E484K[abstract] OR "K417N/T"[abstract] OR
 S477N[abstract] OR D253G[abstract] OR A701V[abstract] OR 8477H[abstract] OR V30L[abstract]
 OR A220V[abstract] OR T445C[abstract] OR C6286T[abstract] OR C26801G[abstract] OR
 E484L[abstract] OR Y144V[abstract] OR Q677H[abstract] OR 484K[abstract] OR P681R[abstract]
 OR D651G[abstract] OR E484Q[abstract] OR F888L[abstract] OR F565L[abstract] OR
 V1176F[abstract] OR F157S[abstract] OR T781I[abstract] OR T859N[abstract] OR D950H[abstract]
 OR K417T[abstract] OR L18F[abstract] OR P26S[abstract] OR R190S[abstract] OR H655Y[abstract]
 OR T1027I[abstract] OR A701V[abstract] OR K417N[abstract] OR S494P[abstract] OR
 T716I[abstract] OR S982A[abstract] OR D1118H[abstract] OR K1191N[abstract] OR G142D[abstract]
 OR P614R[abstract] OR Q1071H[abstract] OR T478K[abstract] OR D950N[abstract] OR
 T19R[abstract] OR N501T[abstract] OR "S982A"[abstract] OR "S13I"[abstract] OR
 "W152C"[abstract] OR Q677P[abstract] OR "G75V"[abstract] OR "M177T"[abstract] OR
 "Y453F"[abstract] OR "C1247F"[abstract] OR "F490S"[abstract] OR cepi[title] OR ((voc[title] OR
 vocs[title])) NOT (environ*[title] OR environment[title] OR emission*[title] OR "organic"[title] OR
 environ*[abstract] OR environment[abstract] OR emission*[abstract] OR "organic"[abstract])) OR
 "COVID-19 Testing"[Mesh] OR "COVID-19 Vaccines"[Mesh] OR "COVID-19"[Mesh] OR "SARS-

	CoV-2"[Mesh] OR "COVID-19 Serological Testing"[Mesh] OR "COVID-19 Nucleic Acid Testing"[Mesh] Export Medline
EuropePMC	((Title:(corona virus) OR Title:(corona pandemic) OR Title:(coronavir*) OR Title:(coronavirus) OR Title:(covid19) OR Title:(covid) OR Title:(wuhan virus) OR Title:(severe acute respiratory syndrome) OR Title:(novel cov) OR Title:(ncov*) OR Title:(2019ncov) OR Title:(ncov19) OR Title:(ncovid) OR Title:(sarscov2) OR Title:(sars2) OR Title:(sars 2) OR Title:(sars-cov) OR Title:(sarscov 2) OR Title:(sarscov-2) OR Title:(sars co v 2) OR Title:(sarscov) OR Title:(sars virus) OR Title:(covid*2) OR Title:(covid2*) OR Title:(covid 19) OR Title:(covid2019) OR Title:(sars virus)) OR (Abstract:(corona virus) OR Abstract:(corona pandemic) OR Abstract:(coronavir*) OR Abstract:(coronavirus) OR Abstract:(covid19) OR Abstract:(covid) OR Abstract:(wuhan virus) OR Abstract:(severe acute respiratory syndrome) OR Abstract:(novel cov) OR Abstract:(ncov*) OR Abstract:(2019ncov) OR Abstract:(ncov19) OR Abstract:(ncovid) OR Abstract:(sarscov2) OR Abstract:(sars2) OR Abstract:(sars 2) OR Abstract:(sars-cov) OR Abstract:(sarscov 2) OR Abstract:(sarscov-2) OR Abstract:(sars co v 2) OR Abstract:(sarscov) OR Abstract:(sars virus) OR Abstract:(covid*2) OR Abstract:(covid 19) OR Abstract:(covid2019) OR Abstract:(sars virus))) AND (FIRST_IDATE:[2023-01-01 TO 2023-01-31])
China CDC MMWR	Hand search 01/06
CDC Reports	Hand search 12/27
chemRxiv SSRN (preprints)	Last citations: chem: 01/09 https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4317839 Limits: 2019-
Science Direct	"sars-cov" OR ncov OR "cov 2" OR cov2 OR coronavirus OR coronaviruses OR "corona virus" OR COVID OR COVID19 in Title, abstract or author-specified keywords
Taylor and Francis	Covid OR covid19 OR covid2019 OR sars-cov* OR sarscov* OR "sars2" OR "sars 2" OR "sars virus" OR "wuhan virus" OR "novel cov" OR "cov 2" OR "cov2" OR ncov* OR coronavir* OR "corona virus" OR "corona pandemic" OR "severe acute respiratory syndrome"
Web of Science	TS=("sarscov-2" OR "sars co v 2" OR "sars-cov" OR sarscov2 OR sarscov OR "sars virus" OR sars2 OR "sars 2" OR "wuhan virus" OR "novel cov" OR hcov OR "cov 2" OR cov2 OR ncov* OR ncovid OR 2019ncov OR ncov19 OR coronavir* OR corona*vir* OR coronvirus OR "corona pandemic" OR betacoronavir* OR COVID OR covid*2 OR "covid 19" OR covid19 OR covid2019 OR "severe acute respiratory syndrome 2" OR "social distancing" OR "flatten the curve" OR "flattening the curve" OR pandoeconom* OR twindemic* OR "solidarity trial" OR "operation warp speed" OR "variant of concern" OR "variants of concern" OR "variant under investigation" OR "variants under investigation" OR "variant of high consequence" OR "variants of high consequence" "B.1.1.7" OR "VOC 202012/01" OR "VOC202012/01" OR "VUI 202012/01" OR "VUI202012/01" OR 501Y.V1 OR "UK Variant" OR "Kent Variant" OR "VOC 202102/02" OR "VOC202102/02" OR "VOC-20DEC-01" OR "VOC-21FEB-02" OR "alpha variant" OR "alpha VOC" OR "alpha lineage" OR "B.1.351" OR "VOC 202012/02" OR "VOC202012/02" OR "20H/501.V2" OR "20H/501Y.V2" OR 501Y.V2 OR 501.V2 OR "South African Variant" OR "VOC-20DEC-02" OR "beta variant" OR "beta VOC" OR "beta lineage"

OR "B.1.1.28.1" OR B.1.1.28 OR B.1.1.248 OR "VOC 202101/02" OR "VOC202101/02" OR VUI202101/02 OR "VUI 202101/02" OR "501Y.V3" OR "brazil Variant" OR "P.1 variant" OR "P.1 lineage" OR "Lineage P.1" OR "VOC-21JAN-02" OR "gamma variant" OR "gamma VOC" OR "gamma lineage" OR "B.1.617" OR "VUI-21APR-01" OR "B.1.618" OR "VUI-202102/01" OR "VUI-21FEB-01" OR B.1.617.2 OR "VOC-21APR-02" OR B.1.6172 OR B.1.617.2.1 OR "AY.1 variant" OR "AY.22 variant" OR "AY.2 variant" OR "AY.3 variant" OR "delta variant" OR "delta VOC" OR "delta plus variant" OR "deltaplus variant" OR "deltaplus VOC" OR "delta lineage" OR "B.1.427" OR "B.1.429" OR "20C/S:452R" OR "CAL.20C" OR "CAL.20C/L452R" OR "20C/L452R" OR "20-C variant" OR "CAVUI1" OR "GH/451R.V1" OR "epsilon variant" OR "epsilon VOI" OR "epsilon VUI" OR "epsilon lineage" OR "B.1.526" OR "20C/S:484K" OR "iota variant" OR "iota VOI" OR "iota VUI" OR "iota lineage" OR B.1.1.28.3 OR "P3 variant" OR "P.3 Strain" OR "Lineage P.3" OR "P.3 Lineage" OR "PHL-B.1.1.28" OR "VUI-21MAR-02" OR "theta variant" OR "theta VOI" OR "theta VUI" OR "theta lineage" OR "B.1.1.28.2" OR "20B/S.484K" OR "P.2 variant" OR "P.2 strain" OR "P.2 Lineage" OR "GR clade" OR "VUI 202101/01" OR "VUI202101/01" OR "zeta variant" OR "zeta VOI" OR "zeta VUI" OR "theta lineage" OR "B.1.177" OR "20A.EU1" OR "20A.EU2" OR "Variant 20A" OR "B.1.525" OR "G/484K.V3" OR "20A/S:484K" OR "UK1188" OR "eta variant" OR "eta VOI" OR "eta VUI" OR "eta lineage" OR B.1.617.1 OR "kappa variant" OR "kappa VOI" OR "kappa VUI" OR "kappa plus variant" OR "kappa variant" OR "kappa VOC" OR "kappa lineage" OR "C.37 variant" OR "lamda variant" OR "lamda VOI" OR "lamda VUI" OR "lamda lineage" OR "B.1.621" OR "Mu variant" OR "MU VOI" OR "MU VUI" OR "MU lineage" OR "B.1.616" OR "20C/ B1" OR "clade 20C" OR "B.1.1.529" OR "B.1.1.529.2" OR "B.1.1.529.1" OR N501Y OR A570D OR K417N OR E484K OR "K417N/T" OR S477N OR D253G OR A701V OR 8477H OR V30L OR A220V OR T445C OR C6286T OR C26801G OR E484L OR Y144V OR Q677H OR 484K OR P681R OR D651G OR E484Q OR F888L OR F565L OR V1176F OR F157S OR T781I OR T859N OR D950H OR K417T OR L18F OR P26S OR R190S OR H655Y OR T1027I OR A701V OR K417N OR S494P OR T716I OR S982A OR D1118H OR K1191N OR G142D OR P614R OR Q1071H OR T478K OR D950N OR T19R OR N501T OR "S982A" OR "S13I" OR "W152C" OR Q677P OR "G75V" OR "M177T" OR "Y453F" OR "C1247F" OR "F490S" OR "Coalition for Epidemic Preparedness Innovations" OR CEPI OR COVAX or "ACT-Accelerator" or BNT162b2 or comirnaty or "mRNA-1273" or CoviShield or AZD1222 or "ChAdOx1-S" or "ChAdOx1 nCoV-19" or vaxzevria or "Sputnik V" OR "sputnik light" OR CoronaVac or picoVacc[tiab] OR "BBIBP-CorV" OR ad26.covs.1 OR ad26.cov* or "JNJ-78436735" or Ad26COVS1 or VAC31518 or EpiVacCorona or Convidicea or "Ad5-nCoV" or PakVac or Covaxin OR Novavax OR NVX-CoV2373 OR Sinovac or sinopharm OR "COVIran Barakat" OR BBV152 OR WIBP-CorV OR KoviVac or CoviVac or ZF2001 or "RBD-Dimer" or QazVac or "QazCovid-in" or "TAK-919" OR "NVX-CoV2373" OR "ZyCoV-D" or "CIGB 66" or VLA2001 or CVnCoV or "INO-4800" OR "VIR-7831" or "UB-612" or BNT162 or "GRAd-COV2" or "SCB-2019" or "Razi Cov Pars" or Nanocovax or "AdCLD-CoV19" or "KD-414" or "VBI-2902a" or "COVID-eVax" or "S-268019" or "GLS-5310" or Covigenix or "VAX-001" or "Vietnam domestic vaccine" or "EXG-5003" or "AKS-452" or "DS-5670a" or "ABNCoV2" or EuCorVac OR "IIBR-100" OR ArCov OR "AG0301-COVID19" OR "GX-19N" OR "ARCT-021" "LUNAR-COV19" OR "HDT-301" OR HGCO19 OR "AV-COVID-19" OR "PTX-COVID19-B" OR "COVI-VAC" OR CORVax12 OR "MVA-SARS-2-S" OR COHo4S1 OR "AdimrSC-2f" OR "bacTRL-Spike" OR "COVAX-19" OR "DelNS1-2019-nCoV-RBD-OPT1" OR "GRAd-COV2" OR "UQ-CSL V451" OR "SCB-2019" OR "VXA-CoV2-1" OR "AdCOVID" OR "AAVCOVID" OR "ChAd-SARS-CoV-2-S" OR HaloVax OR LineaDNA OR MRT5500 OR PittCoVacc OR "T-COVIDTM" OR "LNP-nCoVsaRNA" OR V590 OR V591 OR "ERUCOV-VAC" OR ABNCoV2 OR BUTANVAC OR MVC-COV1901 OR EpiVacCorona OR Vidprevtyn OR Corbevax OR GBP510 OR BBV154 OR "gam-COVID-VAC" OR Spikevax OR covilo OR kconvac OR kconecavac OR becov2a OR nuvoxoid OR "mvc cov1901" OR "mvc-cov1901" OR "aurora cov" OR "epivaccorona n" OR "erucov vac" OR "finlay fr 2" OR "finlay fr 1a" OR "finlay-fr-2" OR "finlay-fr-1a" OR "pastu covac" OR "nvsi o6 o8" OR fakhravac OR "razi cov pars" OR spikogen OR "covax-19" OR covax19 OR "covax 19" OR "zycov d" OR abdayomeran OR "bnt 162b1" OR bnt162b1 OR "soberana o2" OR soberanao2 OR "soberana plus" OR tozinameran OR ad26covs1 OR cansino) OR (TI= (omicron* NOT (Greek OR etymolog* OR upsilon OR pi OR Rho OR sigma OR plato)) AND (PY=2021 OR PY=2022))

MDPI	COVID OR "sars-cov" OR coronavirus OR coronaviruses OR "corona virus" OR cov2 OR "cov 2" OR sars2 OR "sars 2" OR Coronavirinae OR betacoronavirus OR coronaviridae OR covid19 OR "corona pandemic" OR sarscov OR "sars virus" OR "wuhan virus" OR "novel cov" OR ncovid OR ncov19 OR "corona virus"
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