

APPENDIX. Full electronic search strategy for three major search engines

Search engine	Search strategy
PubMed / Medline	((("liver"[MeSH Terms] OR "liver"[All Fields]) AND ("wounds and injuries"[MeSH Terms] OR ("wounds"[All Fields] AND "injuries"[All Fields]) OR "wounds and injuries"[All Fields] OR "injury"[All Fields])) OR (hepatic[All Fields] AND damage[All Fields]) OR ((("liver"[MeSH Terms] OR "liver"[All Fields]) AND functional[All Fields] AND abnormality[All Fields]) OR ("liver cirrhosis"[MeSH Terms] OR "liver"[All Fields] AND "cirrhosis"[All Fields]) OR "liver cirrhosis"[All Fields] OR "cirrhosis"[All Fields] OR "fibrosis"[MeSH Terms] OR "fibrosis"[All Fields]) OR (decompensated[All Fields] AND ("liver diseases"[MeSH Terms] OR ("liver"[All Fields] AND "diseases"[All Fields]) OR "liver diseases"[All Fields] OR ("liver"[All Fields] AND "disease"[All Fields]) OR "liver disease"[All Fields])) OR ("liver failure, acute"[MeSH Terms] OR ("liver"[All Fields] AND "failure"[All Fields] AND "acute"[All Fields]) OR "acute liver failure"[All Fields] OR ("acute"[All Fields] AND "liver"[All Fields] AND "failure"[All Fields]) OR "failure"[All Fields]) OR ("end stage liver disease"[MeSH Terms] OR ("end"[All Fields] AND "stage"[All Fields] AND "liver"[All Fields] AND "disease"[All Fields]) OR "end stage liver disease"[All Fields] OR ("chronic"[All Fields] AND "liver"[All Fields] AND "failure"[All Fields]) OR "chronic liver failure"[All Fields] OR ("acute-on-chronic liver failure"[MeSH Terms] OR ("acute-on-chronic"[All Fields] AND "liver"[All Fields] AND "failure"[All Fields]) OR "acute-on-chronic liver failure"[All Fields] OR ("acute"[All Fields] AND "chronic"[All Fields] AND "liver"[All Fields] AND "failure"[All Fields]) OR "acute on chronic liver failure"[All Fields])) AND ((("COVID-19"[All Fields] OR "COVID-2019"[All Fields] OR "severe acute respiratory syndrome coronavirus 2"[Supplementary Concept] OR "severe acute respiratory syndrome coronavirus 2"[All Fields] OR "2019-nCoV"[All Fields] OR "SARS-CoV-2"[All Fields] OR "2019nCoV"[All Fields] OR ("Wuhan"[All Fields] AND ("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields])) AND (2019/12[PDAT] OR 2020[PDAT]))) OR ("severe acute respiratory syndrome coronavirus 2"[Supplementary Concept] OR "severe acute respiratory syndrome coronavirus 2"[All Fields] OR "sars cov 2"[All Fields]) OR ((("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields]) AND ("disease"[MeSH Terms] OR "disease"[All Fields])))
Wiley	(liver injury OR hepatic damage OR liver functional abnormality OR cirrhosis OR decompensated liver disease OR acute liver failure OR chronic liver failure OR acute on chronic liver failure) AND (COVID-19 OR SARS-CoV-2 OR coronavirus disease)
Scopus	(TITLE-ABS-KEY ("liver injury" OR "hepatic damage" OR "liver functional abnormality" OR "cirrhosis" OR "decompensated liver disease" OR "acute liver failure" OR "chronic liver failure" OR "acute on chronic liver failure") AND TITLE-ABS-KEY ("COVID-19" OR "SARS-CoV-2" OR "coronavirus disease"))