Supplementary Table 1 **Electronic search strategy.**

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| --- | --- | --- |
| database | Search trems | n |
| Pubmed | ("Ethanol"[MeSH Terms] OR ("alcohol"[Title/Abstract] OR"drinking" [Title/Abstract]) OR "drink"[Title/Abstract]) AND ("hepatitis b virus infection"[Title/Abstract] OR "HBV"[Title/Abstract] OR "Hepatitis B"[MeSH Terms]) | 2275 |
| Embase | #7 #3 AND #6 | 3926 |
| #6 #4 OR #5 |
| #5 'hepatitis b'/exp |
| #4 'hepatitis b virus infection':ab,ti OR 'hbv':ab,ti |
| #3 #1 OR #2 |
| #2 'drink':ab,ti OR 'drinking':ab,ti OR 'ethanol':ab,ti |
| #1 'alcohol'/exp |
| Cochrane library | #1 MeSH descriptor: [Hepatitis B] explode all trees  | 179 |
| #2 (HBV):ti,ab,kw OR (hepatitis b virus infection):ti,ab,kw  |
| #3 #1 OR #2 |
| #4 (alcohol):ti,ab,kw OR (Ethanol):ti,ab,kw OR (drinking):ti,ab,kw OR (drink):ti,ab,kw |
| #5 #3AND #4 |
| web of science  |  (TS=(alcohol OR Ethanol OR drinking OR drink)) AND TS=(HBV OR Hepatitis B) | 4550 |
| China Biology Medicine Disc (Sino Med) | (" Hepatitis B "[common field: intelligent] OR "hepatitis "[common field: intelligent] OR" primary liver cancer "[common field: intelligent] OR "hepatocellular carcinoma "[common field: intelligent] OR" liver cancer "[common field: intelligent] OR " liver cirrhosis "[common field: intelligent] OR " HBV "[common field: intelligent]) AND "alcohol "[Common field: Intelligence] OR" ethanol "[Common field: intelligence] | 13951 |
| database | Search trems | n |
| China National Knowledge Infrastructure (CNKI) database | (title: ethanol (precise)) OR (title: drinking (precise)) OR (title: drink (precise)) OR (title: alcohol (precise)) AND ((title: hepatitis b (precise)) OR (title: liver cirrhosis (precise)) OR (title: Primary liver cancer (precise)) OR (title: hepatocellular carcinoma (precise))) | 8409 |
| wan fang Data Knowledge Service Platform | (Title :(hepatitis B) or (hepatitis) or (hepatocellular carcinoma) or (liver cirrhosis) or (HBV)) and (Title :(alcohol) or (ethanol)) | 18248 |
| the VIP information resource integration service  | ((((((Title OR keywords = hepatitis B OR title OR keywords = hepatitis) OR title OR keywords = primary liver cancer) OR title or keywords = hepatocellular carcinoma) OR title or keywords = liver cancer) OR title or keywords = liver cirrhosis) OR title or keywords = HBV) AND (title or keywords = alcohol or = ethanol)) | 3682 |