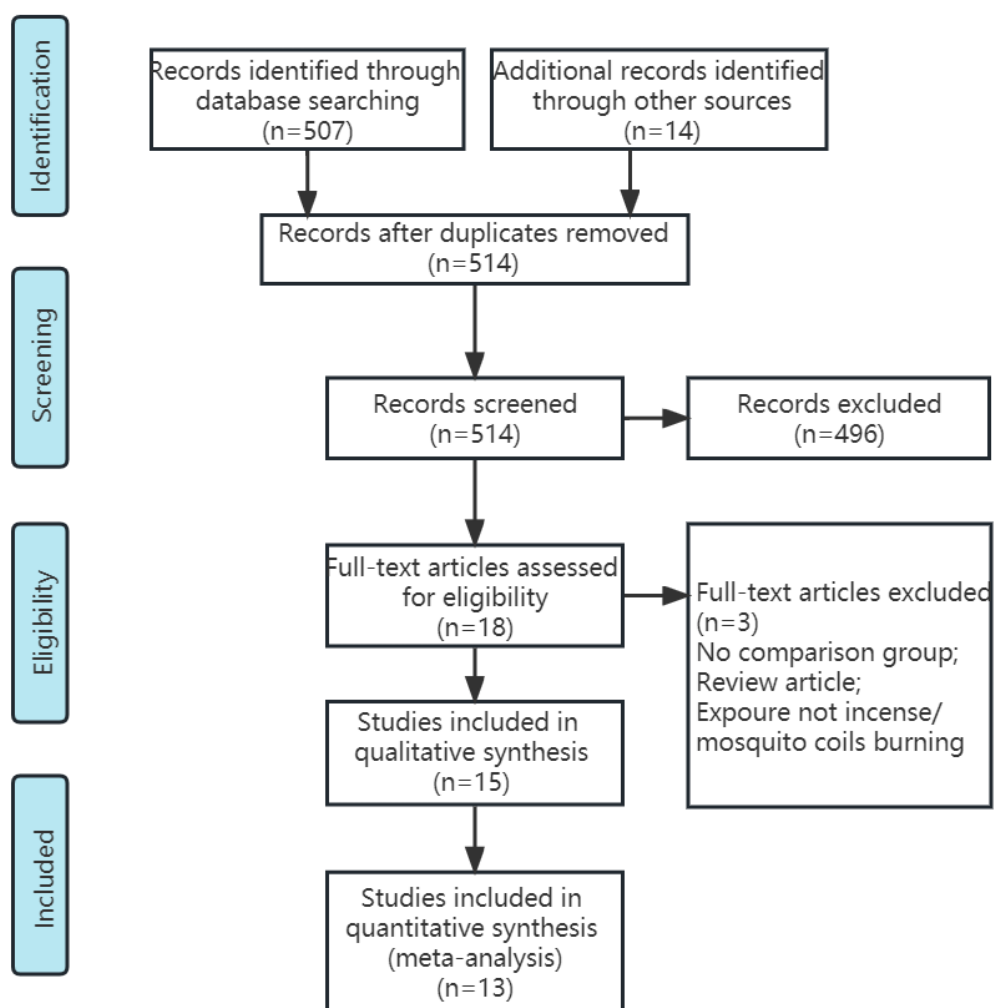


Supplemental Table 1. Literature searching in Ovid system

Steps	Search	Number of results
1	(incense or coil or coils or altar or altars or stick or sticks).tw.	102321
2	NPC.ab.	20866
3	(cancer or carcinoma or tumor or tumour or neoplasm).ab.	6909754
4	(nasopharyngeal or nasopharynx or pharyngeal or pharynx or (head and neck)).ab.	292594
5	3 and 4	167977
6	2 or 5	175974
7	1 and 6	507
8	Remove duplicates from 7	507

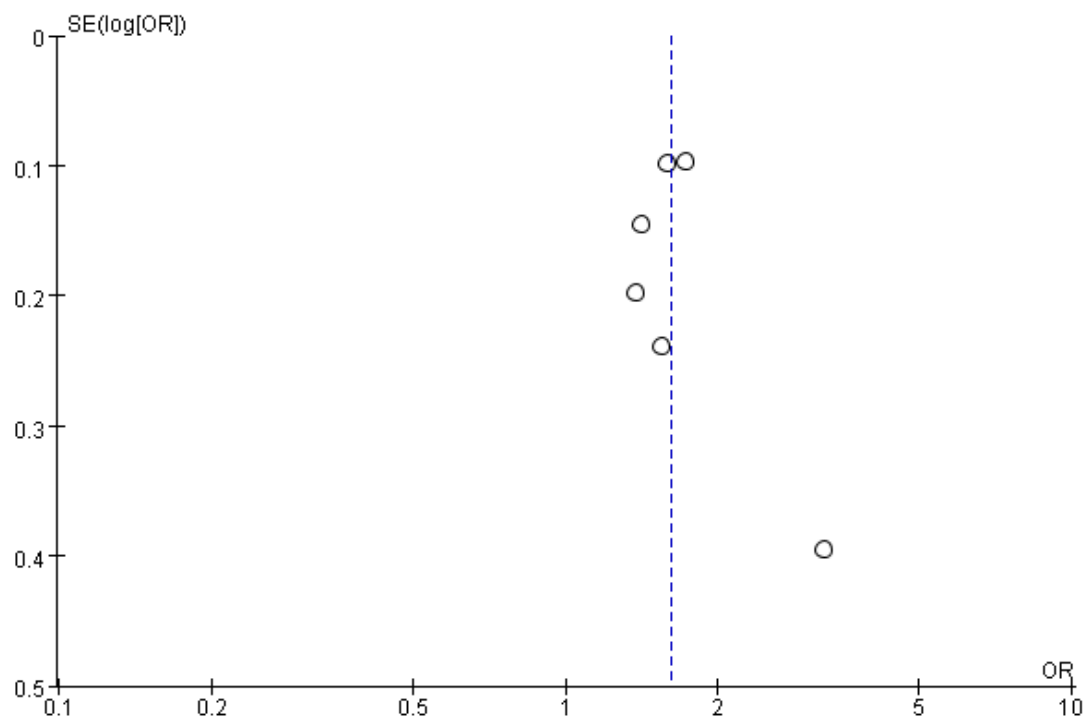


Supplemental Figure 1. Flow chart of identification and selection of studies

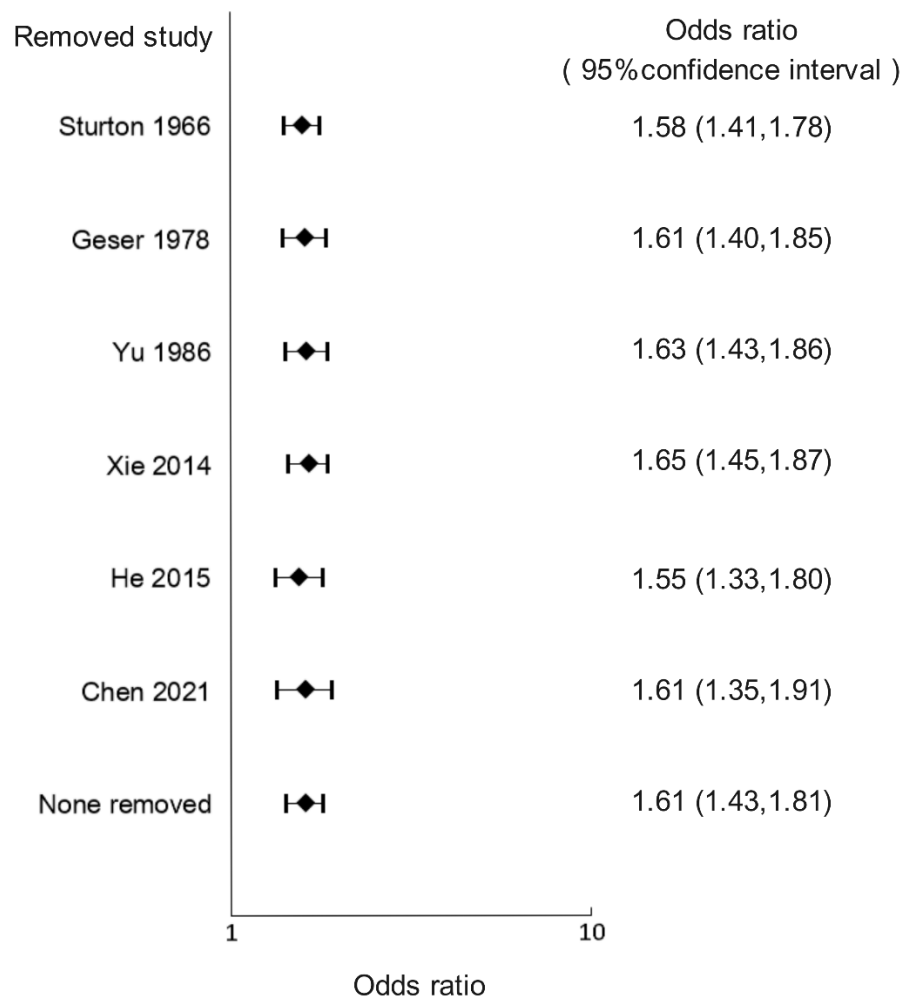
Supplementary Table 2. Newcastle - Ottawa quality scores of the included case-control studies

Study	Selection				Comparability		Outcome/exposure			Total scores
	Case definition	Selection of cases	Selection of controls	Definition of controls	Adjustment for age/sex	Adjustment for additional confounders*	Ascertainment of exposure	Method of ascertainment	Response rate	
Sturton 1966	0	0	0	1	1	0	0	0	0	2
Lin 1973	1	1	1	1	1	0	0	1	1	7
Geser 1978	1	1	0	1	1	0	0	1	0	5
Shanmugaratnam 1978	1	0	0	1	1	0	0	1	0	4
Yu 1986	1	1	1	1	1	1	0	1	1	8
Yu 1988	1	1	1	1	1	0	0	1	0	6
Yu 1990	1	1	1	1	1	0	0	1	1	7
West 1993	1	0	1	1	1	1	0	1	0	6
Lee 1994	1	1	0	1	0	0	0	1	1	5
He 2015	1	0	0	1	1	1	0	1	1	6
Chen 2021	1	1	1	1	1	1	0	1	1	8
Xie 2014	1	1	0	1	1	1	0	1	1	7

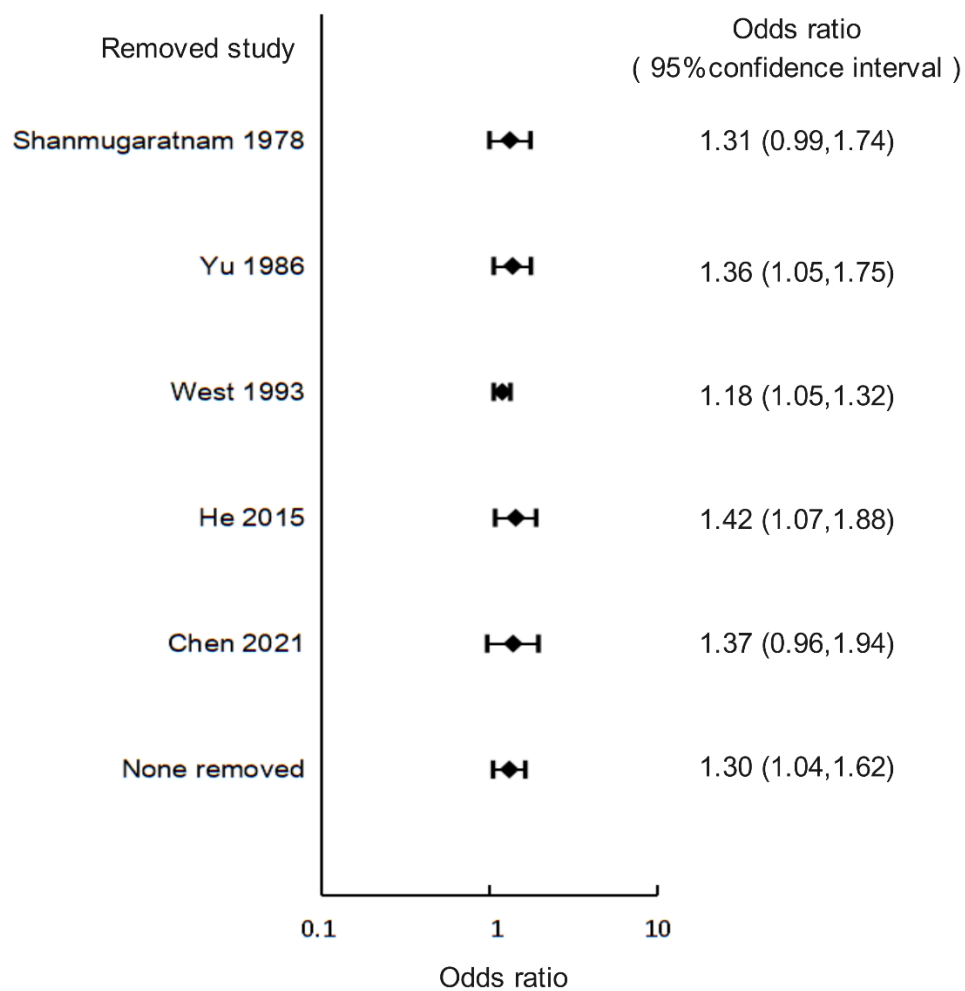
* Adjustment for smoking, family history or salted fish consumption



Supplemental Figure 2 Funnel plot showing the log odds ratios versus the standard errors of log odds ratios for the association between incense burning during adulthood and the risk of nasopharyngeal carcinoma



Supplemental Figure 3 Sensitivity analysis by removing one study at each time for the association between incense burning during adulthood and the risk of nasopharyngeal carcinoma



Supplemental Figure 4 Sensitivity analysis by removing one study at each time for the association between mosquito coils burning during adulthood and the risk of nasopharyngeal carcinoma