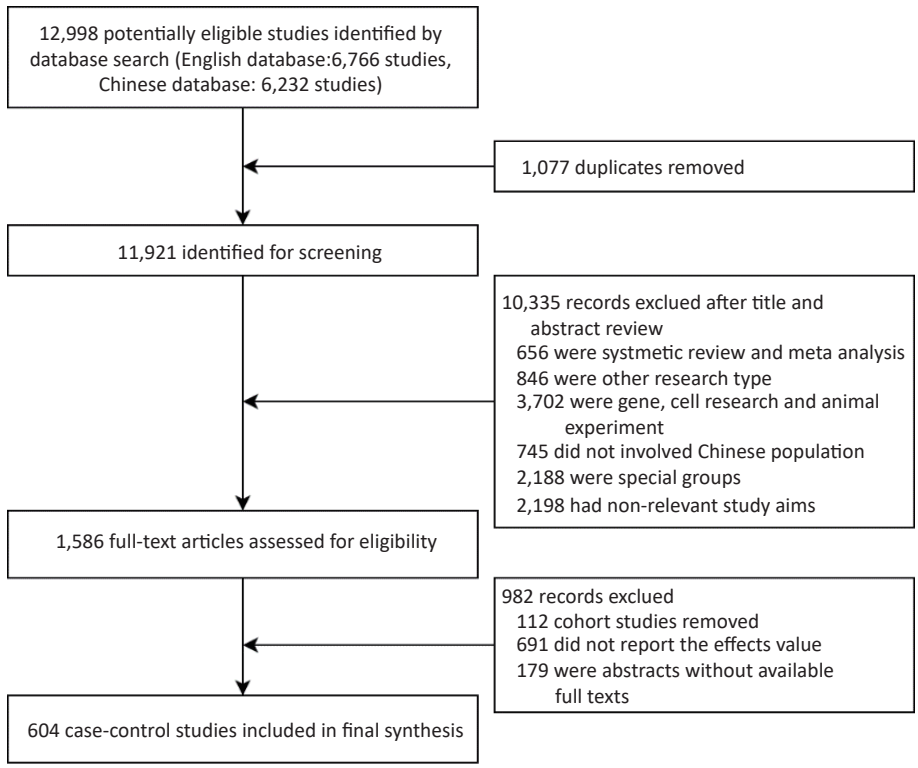
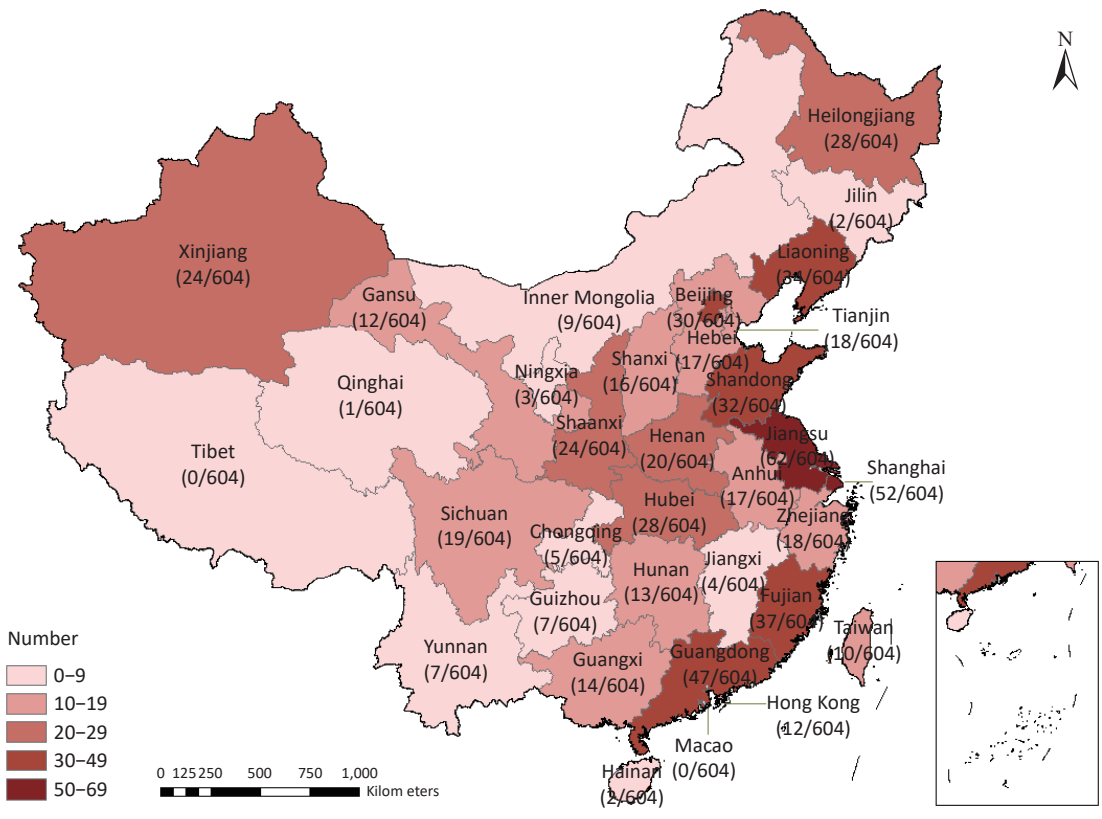


Supplementary Figure S1. Preferred reporting items for systematic review flow diagram.



Supplementary Figure S2. The provincial distribution of the study area in China. This map was generated by ArcGIS, version 10.2.

Supplementary Table S1. The distribution of NOS scores by different tobacco exposure variables

Variables	All		English journals		Chinese journals		*P* value
	n	%	*n*	%	*n*	%	
All[*]							
NOS ≥ 6	251	41.5	84	54.6	167	37.1	0.01
NOS < 6	353	58.4	70	45.4	283	62.9	
Ever smoker							
NOS ≥ 6	162	39.9	50	50.0	112	36.6	0.02
NOS < 6	244	60.1	50	50.0	194	63.4	
Current smoker							
NOS ≥ 6	36	62.1	26	70.3	10	47.6	0.10
NOS < 6	22	37.9	11	29.1	11	52.4	
Former smoker							
NOS ≥ 6	35	67.3	10	58.8	25	71.4	0.53
NOS < 6	17	32.7	7	41.2	10	28.6	
Pack-year							
NOS ≥ 6	30	38.8	23	59.0	7	56.8	0.72[**]
NOS < 6	19	61.2	16	41.0	3	43.2	
Number of cigarettes/d							
NOS ≥ 6	41	54.7	29	56.9	12	50.0	0.63
NOS < 6	34	45.3	22	43.1	12	50.0	
SHS							
NOS ≥ 6	53	45.7	18	69.2	35	38.9	0.01
NOS < 6	63	54.3	8	30.7	55	61.1	

Note. [*]Sum of number from different exposure variable might not add up to the category sum or overall total due to the number of studies providing risk estimates for different tobacco exposure variable differed. [**]Fisher exact probability test.

Supplementary Table S2. The distribution for post-hoc power values by the language and variables

Language	Variables	All, *n*	Post hoc power (%)		
			1−β < 0.5	0.5 ≤ 1−β < 0.8	1−β ≥ 0.8
All					
	Ever smoker	406	109 (26.8)	63 (15.5)	240 (59.1)
	Current smoker	58	12 (20.7)	8 (13.8)	38 (65.5)
	Former smoker	52	27 (51.9)	6 (11.5)	19 (36.6)
	Pack-year	49	33 (67.3)	5 (10.2)	11 (22.5)
	No. of cigarettes/d	75	51 (68.0)	8 (10.7)	16 (21.3)
	SHS	116	27 (23.3)	30 (25.9)	59 (50.8)
English					
	Ever smoker	103	33 (32.0)	11 (10.7)	59 (57.3)
	Current smoker	36	6 (16.7)	5 (13.9)	25 (69.4)
	Former smoker	35	19 (54.3)	5 (14.3)	11 (31.4)
	Pack-year	39	24 (61.5)	5 (12.8)	10 (25.7)
	No. of cigarettes/d	51	34 (66.7)	4 (7.8)	13 (25.5)
	SHS	26	13 (50.0)	7 (26.9)	6 (23.1)
Chinese					
	Ever smoker	303	76 (25.1)	52 (17.2)	175 (57.7)
	Current smoker	22	6 (27.3)	3 (13.6)	13 (59.1)
	Former smoker	17	8 (47.1)	1 (6.9)	8 (47.1)
	Pack-year	10	9 (90.0)	0 (0.0)	1 (10.0)
	No. of cigarettes/d	24	17 (70.8)	4 (16.7)	3 (12.5)
	SHS	90	14 (15.6)	23 (25.5)	53 (58.9)