

Smoking increases risks of all-cause and breast cancer specific mortality in breast cancer individuals: a dose-response meta-analysis of prospective cohort studies involving 39725 breast cancer cases

Supplementary Materials

Supplementary List S1: Search Strategy

Pubmed

#1: (((((((Smoke [Title/Abstract]) OR Smoking [Title/Abstract]) OR Tobacco [Title/Abstract]) OR Cigarette [Title/Abstract]) OR Cigarettes [Title/Abstract]) OR Nicotine [Title/Abstract]) OR Baccy [Title/Abstract])
 #2: (Breast [Title/Abstract]) OR Mammary [Title/Abstract])

#3: (((Cancer [Title/Abstract]) OR Neoplasm [Title/Abstract]) OR Tumors [Title/Abstract]) OR Malignancy [Title/Abstract]) OR Carcinoma [Title/Abstract]
 #4: #2 AND #3
 #5: (Death [Title/Abstract]) OR Mortality [Title/Abstract]
 #6: #1 AND #4 AND #5
 #7: (review[Publication Type]) OR letter[Publication Type]
 #8: #6 NOT #7

PubMed Search: (((((((Smoke[Title/Abstract]) OR Smoking[Title/Abstract]) OR Tobacco[Title/Abstract]) OR Cigarette[Title/Abstract]) OR Cigarettes[Title/Abstract]) OR Nicotine[Title/Abstract]) OR Baccy[Title/Abstract])

Search results: 1 to 20 of 598

- Risk of Adverse Health and Social Outcomes Up to 50 Years After Wilms Tumor: The British Childhood Cancer Survivor Study.**
 Wong KF, Reulen RC, Winter DL, Guha J, Fidler MM, Kelly J, Lancashire ER, Pritchard-Jones K, Jenkinson HC, Sugden E, Levitt G, Frobisher C, Hawkins MM.
 J Clin Oncol. 2016 Mar 28. pii: JCO644344. [Epub ahead of print]
 PMID: 27022116
- Cardiovascular Disease Risk Profiles in Survivors of Adolescent and Young Adult (AYA) Cancer: The Kaiser Permanente AYA Cancer Survivors Study.**
 Chao C, Xu L, Bhatia S, Cooper R, Brar S, Wong FL, Armenian SH.
 J Clin Oncol. 2016 Mar 7. pii: JCO655845. [Epub ahead of print]

Search	Add to builder	Query	Items found	Time
#8	Add	Search (((((((Smoke[Title/Abstract]) OR Smoking[Title/Abstract]) OR Tobacco[Title/Abstract]) OR Cigarette[Title/Abstract]) OR Cigarettes[Title/Abstract]) OR Nicotine[Title/Abstract]) OR Baccy [Title/Abstract]) AND (((Breast[Title/Abstract]) OR Mammary[Title/Abstract]) AND (((Cancer [Title/Abstract]) OR Neoplasm[Title/Abstract]) OR Tumors[Title/Abstract]) OR Malignancy [Title/Abstract]) OR Carcinoma[Title/Abstract])) AND ((Death[Title/Abstract]) OR Mortality [Title/Abstract])) NOT ((review[Publication Type]) OR letter[Publication Type])	598	12:14:40
#7	Add	Search (review[Publication Type]) OR letter[Publication Type]	2299668	12:11:52
#6	Add	Search (((((((Smoke[Title/Abstract]) OR Smoking[Title/Abstract]) OR Tobacco[Title/Abstract]) OR Cigarette[Title/Abstract]) OR Cigarettes[Title/Abstract]) OR Nicotine[Title/Abstract]) OR Baccy [Title/Abstract]) AND (((Breast[Title/Abstract]) OR Mammary[Title/Abstract]) AND (((Cancer [Title/Abstract]) OR Neoplasm[Title/Abstract]) OR Tumors[Title/Abstract]) OR Malignancy [Title/Abstract]) OR Carcinoma[Title/Abstract])) AND ((Death[Title/Abstract]) OR Mortality [Title/Abstract]))	750	12:10:36
#5	Add	Search (Death[Title/Abstract]) OR Mortality[Title/Abstract]	990021	12:10:04
#4	Add	Search (((Breast[Title/Abstract]) OR Mammary[Title/Abstract]) AND (((Cancer[Title/Abstract]) OR Neoplasm[Title/Abstract]) OR Tumors[Title/Abstract]) OR Malignancy[Title/Abstract]) OR Carcinoma [Title/Abstract])	273453	12:08:41
#3	Add	Search (((Cancer[Title/Abstract]) OR Neoplasm[Title/Abstract]) OR Tumors[Title/Abstract]) OR Malignancy[Title/Abstract]) OR Carcinoma[Title/Abstract]	1884235	12:08:10
#2	Add	Search (Breast[Title/Abstract]) OR Mammary[Title/Abstract]	375867	12:05:01
#1	Add	Search (((((((Smoke[Title/Abstract]) OR Smoking[Title/Abstract]) OR Tobacco[Title/Abstract]) OR Cigarette[Title/Abstract]) OR Cigarettes[Title/Abstract]) OR Nicotine[Title/Abstract]) OR Baccy [Title/Abstract])	256856	11:59:05

EMBASE

#1: 'death':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#2: 'mortality':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#3: #1 OR #2

#4: 'smoke':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#5: 'smoking':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#6: 'tobacco':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#7: 'cigarette':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#8: 'Nicotine':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#9: #4 OR #5 OR #6 OR #7 OR #8

#10: 'breast':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#11: 'mammary':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#12: #10 AND #11

#13: 'cancer':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#14: 'neoplasm':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#15: 'tumors':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#16: 'malignancy':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#17: 'carcinoma':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim

#18: #13 OR #14 OR #15 OR #16 OR #17

#19: #12 AND #18

#20: #3 AND #9 AND #19.

#	Search Query	Results
#20	#3 AND #9 AND #19	747
#19	#12 AND #18	265,690
#18	#13 OR #14 OR #15 OR #16 OR #17	438,293
#17	'carcinoma':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	114,143
#16	'malignancy':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	443,203
#15	'tumors':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	42,646
#14	'neoplasm':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	1,134,471
#13	'cancer':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	333,761
#12	#10 OR #11	51,069
#11	'mammary':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	302,560
#10	'breast':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	225,864
#9	#4 OR #5 OR #6 OR #7 OR #8	26,807
#8	'nicotine':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	40,541
#7	'cigarette':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	50,291
#6	'tobacco':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	168,776
#5	'smoking':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	34,526
#4	'smoke':ab,ti AND ([article]/lim OR [article in press]/lim OR [conference abstract]/lim OR [conference paper]/lim) AND [embase]/lim	

Results	View	Print	Export	Email	Order	Add to Clipboard
747 results for search #20 Show all abstracts						
1 -- 25						
Select number of items Selected: 0 (clear) Sort by: Relevance Publication Year Entry Date						
1	<p>A pooled analysis of post-diagnosis lifestyle factors in association with late estrogen-receptor-positive breast cancer prognosis Nechuta S, Chen W-Y, Cai H, Poole E M, Kwan M-L, Flatt S W, Patterson R E, Pierce J P, Caan B J, Ou Shu X. <i>International Journal of Cancer</i> 2016 138:9 (2088-2097)</p> <p>Embase Abstract Index Terms View Full Text PDF Librarian</p>					
2	<p>Active smoking and breast cancer risk in Danish nurse cohort study Andersen Z, Andersen K K, Gren R, Brauner E, Lyngge E. <i>European Journal of Cancer</i> 2016 57 SUPPL 2 (135-)</p> <p>Embase Abstract Index Terms View Full Text PDF Librarian</p>					
3	<p>A Comprehensive Multistate Model Analyzing Associations of Various Risk Factors with the Course of Breast Cancer in a Population-Based Cohort of Breast Cancer Cases Esalenberg C, Schroeder J, Oh N, Hertz J, Seibold P, Rudolph A, Chang-Claude J, Flesch-Janys D. <i>American Journal of Epidemiology</i> 2016 183:4 (325-334)</p> <p>Embase Abstract Index Terms View Full Text PDF Librarian</p>					

Supplementary Table S1: Exclusion reasons. See Supplementary_Table_S1

Supplementary Table S2: Results of quality assessment

Source (reference)	Selection ¹				Comparability ²		Outcome ³		Total Score ⁴	
	Representativeness of exposed cohort ★	Selection of non-exposed cohort ★	Exposure ascertainment ★	No death when investigation begins ★	Comparable on confounder ⁵ ★ ★		Outcome Assessment ★	Adequate follow-up (≥10y) ★		Loss to follow-up rate(≤20%) ★
Passarelli, et al.	★	★	★	★	★		★	★	7	
Nechuta, et al.		★	★	★	★	★	★	★	8	
Kakugawa, et al.	★	★	★	★	★	★	★	★	★	9
Izano, et al.		★	★	★	★	★	★	★	★	8
Boone, et al.	★	★		★	★	★	★	★	★	7
Seibold, et al.	★	★	★	★	★	★	★	★	★	9
Pierce, et al.	★	★	★	★	★		★	★	6	
Bérubé, et al.	★	★	★	★	★	★	★	★	8	
Saquib, et al.		★	★	★	★	★	★	★	★	8
Dal Maso, et al.		★	★	★	★		★	★	6	
Sagiv, et al.	★	★	★	★	★		★	★	7	

¹“Selection” part includes representativeness of cases, selection of controls, exposure ascertainment, and no death when investigation begin.

²“Comparability” part includes comparable on confounders.

³“Outcome” part includes outcome assessment, adequate follow-up, and loss to follow-up rate.

⁴The total score is equal to the total number of stars.

⁵If the studies adjusted for two individual factors among age, therapy, stage, it is award a star. If the studies adjusted for two lifestyle factors among body mass index, physical activity, and alcohol consumption, it is award another star.

Supplementary Table S3: Sensitivity analyses regarding smoking and mortality in breast individuals. See Supplementary_Table_S3