

SUPPLEMENTARY MATERIAL

Supplementary Table. Searching strategies and outcomes in the PubMed database

Keyword	Search	Query	Items found
Prenatal maternal stress	#1	(("mothers"[MeSH Terms] OR "maternal"[All Fields] OR "parental"[All Fields]) OR ("Prenatal Exposure Delayed Effects"[MeSH Terms] OR "prenatal"[All Fields])) AND (("stress, psychological"[MeSH Terms] OR "stress, physiological"[MeSH Terms] OR "stress"[All Fields]) OR "life events"[All Fields])	22,227
Asthma	#2	("asthma"[MeSH Terms] OR "asthma"[All Fields] OR "bronchial asthma"[All Fields]) OR ("respiratory sounds"[MeSH Terms] OR "wheeze"[All Fields] OR "wheezing"[All Fields])	168,840
Allergic rhinitis	#3	("rhinitis, allergic"[MeSH Terms] OR ("allergic rhinitis"[All Fields] OR "hay fever"[All fields]))	25,073
Atopic dermatitis	#4	("dermatitis, atopic"[MeSH Terms] OR "atopic dermatitis"[All Fields]) OR (("atopic"[All Fields] OR "infantile"[All Fields]) AND "eczema"[All Fields])	23,053
Food allergy	#5	"food hypersensitivity"[MeSH Terms] OR ("food"[All Fields] AND "hypersensitivity"[All Fields]) OR "food hypersensitivity"[All Fields] OR ("food"[All Fields] AND "allergy"[All Fields]) OR "food allergy"[All Fields]	23,702
Allergic conjunctivitis	#6	"conjunctivitis, allergic"[MeSH Terms] OR "allergic conjunctivitis"[All Fields] OR "allergic rhinoconjunctivitis"[All Fields]	3,906
Allergic diseases offspring	#7	#2 OR #3 OR #4 OR #5 OR #6	219,511
	#8	("Child"[MeSH Terms] OR "Children"[All fields] OR "childhood"[All Fields]) OR "Child of Impaired Parents"[MeSH Terms] OR "offspring"[All Fields]	2,005,803
Allergic diseases in offspring	#9	#7 AND #8	63,985
Prenatal maternal stress, and allergic diseases in offspring	#10	#1 AND #9	238