

Search Strategy

Database 1: PubMed

Keywords	Query	Items found
Saxagliptin		
#1	Search "saxagliptin" [Supplementary Concept] OR "5-hydroxysaxagliptin" [Supplementary Concept]	<u>224</u>
#2	Search (((("saxagliptin" [Supplementary Concept] OR "5-hydroxysaxagliptin" [Supplementary Concept])) OR saxagliptin) OR Onglyza	<u>474</u>
Acarbose		
#3	Search "Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept]	<u>1164</u>
#4	Search (((("Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept])) OR acarbose) OR Glucobay	<u>2064</u>
Saxagliptin OR Acarbose: #2 OR #4		
#5	Search ((((((("saxagliptin" [Supplementary Concept] OR "5-hydroxysaxagliptin" [Supplementary Concept])) OR saxagliptin) OR Onglyza)) OR (((("Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept])) OR acarbose) OR Glucobay)	<u>2533</u>
Type 2 diabetes		
#6		<u>101455</u>

	Search "Diabetes Mellitus, Type 2"[Mesh] OR "Polyendocrinopathies, Autoimmune"[Mesh]	
#7	Search (((("Diabetes Mellitus, Type 2"[Mesh] OR "Polyendocrinopathies, Autoimmune"[Mesh])) OR Type 2 diabetes) OR non-insulin-dependent diabetes mellitus) OR T2DM	<u>145958</u>
Chinese		
#8	Search "China"[Mesh] OR "Taiwan"[Mesh]	<u>151962</u>
#9	Search "Asian Continental Ancestry Group"[Mesh]	<u>54349</u>
#10	Search (((("China"[Mesh] OR "Taiwan"[Mesh])) OR "Asian Continental Ancestry Group"[Mesh]) OR China) OR Chinese	<u>1225406</u>
(Saxagliptin OR Acarbose) AND (Type 2 diabetes) AND Chinese: #5 AND #7 AND #10		
#11	Search (((((((("saxagliptin" [Supplementary Concept] OR "5-hydroxysaxagliptin" [Supplementary Concept])) OR saxagliptin) OR Onglyza)) OR (((("Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept])) OR acarbose) OR Glucobay))) AND (((("Diabetes Mellitus, Type 2"[Mesh] OR "Polyendocrinopathies, Autoimmune"[Mesh])) OR Type 2 diabetes) OR non-insulin-dependent diabetes mellitus) OR T2DM)) AND (((("China"[Mesh] OR "Taiwan"[Mesh])) OR "Asian Continental Ancestry Group"[Mesh]) OR China) OR Chinese)	<u>111</u>
(Saxagliptin OR Acarbose) AND (Type 2 diabetes) AND Chinese AND (2009-2016): #11 AND (2009-2016)		
#12	Search (((((((("saxagliptin" [Supplementary Concept] OR "5-	<u>91</u>

	hydroxysaxagliptin" [Supplementary Concept])) OR saxagliptin) OR Onglyza)) OR (((("Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept])) OR acarbose) OR Glucobay))) AND (((("Diabetes Mellitus, Type 2"[Mesh] OR "Polyendocrinopathies, Autoimmune"[Mesh])) OR Type 2 diabetes) OR non-insulin-dependent diabetes mellitus) OR T2DM)) AND (((("China"[Mesh] OR "Taiwan"[Mesh])) OR "Asian Continental Ancestry Group"[Mesh]) OR China) OR Chinese))) AND ("2009/01/01"[Date - Publication] : "2016/09/30"[Date - Publication])	
(Saxagliptin OR Acarbose) AND (Type 2 diabetes) AND Chinese AND (2009-2016) AND Humans: #12 AND humans		
#13	Search (((((((("saxagliptin" [Supplementary Concept] OR "5-hydroxysaxagliptin" [Supplementary Concept])) OR saxagliptin) OR Onglyza)) OR (((("Acarbose"[Mesh] OR "acarbose byproduct, component C" [Supplementary Concept] OR "acarbose 7-phosphotransferase" [Supplementary Concept] OR "acarbose 7-phosphate" [Supplementary Concept])) OR acarbose) OR Glucobay))) AND (((("Diabetes Mellitus, Type 2"[Mesh] OR "Polyendocrinopathies, Autoimmune"[Mesh])) OR Type 2 diabetes) OR non-insulin-dependent diabetes mellitus) OR T2DM)) AND (((("China"[Mesh] OR "Taiwan"[Mesh])) OR "Asian Continental Ancestry Group"[Mesh]) OR China) OR Chinese))) AND ("2009/01/01"[Date - Publication] : "2016/09/30"[Date - Publication]) Filters: Humans	<u>54</u>

Database 2: Web of Knowledge

Keywords	Query	Items found
Saxagliptin		
# 1	TS=saxagliptin <i>Time span= 2009-2016; Retrieval language =automatic</i>	927
# 2	TS=Onglyza <i>Time span= 2009-2016; Retrieval language =automatic</i>	35
# 3	#2 OR #1 <i>Time span= 2009-2016; Retrieval language =automatic</i>	930
Acarbose		
# 4	TS=acarbose <i>Time span= 2009-2016; Retrieval language =automatic</i>	1,828
# 5	TS=Glucobay <i>Time span= 2009-2016; Retrieval language =automatic</i>	16
# 6	#5 OR #4 <i>Time span= 2009-2016; Retrieval language =automatic</i>	1,831
Saxagliptin OR Acarbose		
# 7	#6 OR #3 <i>Time span= 2009-2016; Retrieval language =automatic</i>	2,744
Type 2 diabetes		
# 8	TS=Type 2 diabetes <i>Time span= 2009-2016; Retrieval language =automatic</i>	146,150
# 9	TS=non-insulin-dependent diabetes mellitus <i>Time span= 2009-2016; Retrieval language =automatic</i>	43,447
# 10	TS=T2DM <i>Time span= 2009-2016; Retrieval language =automatic</i>	15,336

# 11	#10 OR #9 OR #8 <i>Time span= 2009-2016; Retrieval language =automatic</i>	147,395
Chinese		
# 12	TS=Chinese <i>Time span= 2009-2016; Retrieval language =automatic</i>	406,378
# 13	TS=China <i>Time span= 2009-2016; Retrieval language =automatic</i>	516,416
# 14	#13 OR #12 <i>Time span= 2009-2016; Retrieval language =automatic</i>	825,311
(Saxagliptin OR Acarbose) AND (Type 2 diabetes) AND Chinese		
# 15	#14 AND #11 AND #7 <i>Time span= 2009-2016; Retrieval language =automatic</i>	75

Database 3: Cochrane Library

Keywords	Query	Items found
Saxagliptin		
#1	saxagliptin <i>Publication Year from 2009 to 2016, in Trials</i>	160
#2	Onglyza <i>Publication Year from 2009 to 2016, in Trials</i>	6
#3	#2 or #1	160
Acarbose		
#4	acarbose <i>Publication Year from 2009 to 2016, in Trials</i>	158
#5	Glucobay <i>Publication Year from 2009 to 2016, in Trials</i>	3
#6	#5 or #4	158
Saxagliptin OR Acarbose		
#7	#6 or #3	312
Type 2 diabetes		
#8	Type 2 diabetes <i>Publication Year from 2009 to 2016, in Trials</i>	11692
#9	non-insulin-dependent diabetes mellitus <i>Publication Year from 2009 to 2016, in Trials</i>	5407
#10	T2DM <i>Publication Year from 2009 to 2016, in Trials</i>	2005
#11	#10 or #9 or #8	12176
Chinese		
#12	Chinese <i>Publication Year from 2009 to 2016, in Trials</i>	14122
#13	China <i>Publication Year from 2009 to 2016, in Trials</i>	18690
#14	#13 or #12	23677
(Saxagliptin OR Acarbose) AND (Type 2 diabetes) AND Chinese		
#15	#14 and #11 and #7	49

Database 4: ScienceDirect

Expert search	Query	Results
Search Strategy	(title-abstr-key (saxagliptin) OR title-abstr-key (Onglyza) OR title-abstr-key (acarbose) OR title-abstr-key (Glucobay)) AND (title-abstr-key (Type 2 diabetes) OR title-abstr-key (non-insulin-dependent diabetes mellitus) OR title-abstr-key (T2DM)) AND (title-abstr-key (China) OR title-abstr-key (Chinese))	8
Refine your search	Journals; Books; All; -All Sciences-	
Years	2009- 2016	

Database 5: China National Knowledge Infrastructure (CNKI)

Expert Search	Query	Items found
Search Strategy	(SU=沙格列汀 OR SU=沙克列汀 OR SU=安立泽 OR SU=阿卡波糖 OR SU=拜糖平 OR SU=拜糖苹 OR SU=拜唐苹) AND (SU=2 型糖尿病 OR SU=II 型糖尿病)	<u>1,903</u>
Publication Date	2009-01-01 to 2016-09-30	

Database 6: the Chongqing VIP (CQVIP)

Advanced Search	Query	Items found
Search Strategy	(U=沙格列汀+U=沙克列汀+U=安立泽+U=阿卡波糖+U=拜糖平+U=拜糖苹+U=拜唐苹)*(U=2 型糖尿病+U=II 型糖尿病)	<u>1361</u>
Publication Date	2009-2016	

Database 7: WanFang Data

Expert Search	Query	Items found
Search Strategy	(主题:(沙格列汀) + 主题:(沙克列汀) + 主题:(安立泽) + 主题:(阿卡波糖) + 主题:(拜糖平) + 主题:(拜糖苹) + 主题:(拜唐苹)) * (主题:(2 型糖尿病) + 主题:(II 型糖尿病))	<u>1,626</u>
Publication Date	2009-2016	