## **Appendix 1. Detailed search strategy**

1) Pubmed

#1 residual renal function (All Fields)
#2 hemodialysis OR haemodialysis (Title/Abstract)
#3 High-flux OR High flux OR low-flux OR hemodiafiltration OR hemoperfusion OR membrane (Title/Abstract)
#4, #1AND#2AND#3

A total of 139 articles were found.
2) EMbase

#1 residual renal function (All Fields)
#2 hemodialysis OR haemodialysis (Abstract)
#3 High-flux OR High flux OR low-flux OR hemodiafiltration OR hemoperfusion OR membrane (Abstract)
#4, #1AND#2AND#3

3) Web of science

#1 residual renal function (Title)

#2 hemodialysis OR haemodialysis (Title)

#3, #1 AND #2

A total of 323 articles were found.

4) Wanfang database

#1 hemodialysis (Abstract)

#2 High flux (Abstract)

#3 residual renal function (Abstract)

#4, #1 AND #2 AND #3

A total of 159 articles were found.

5) China National Knowledge Infrastructure (CNKI) #1 hemodialysis (Abstract) #2 residual renal function (Abstract) #3, #1 AND #2
A total of 291 articles were found.

6) Chinese Biomedical Literature Database #1 hemodialysis (Abstract) #2 residual renal function (All Fields) #3, #1 AND #2
A total of 326 articles were found.