Records identified through CNKI database searching n=549
Excluded based on title or abstract n=481
Full-text retrieved n=68

Records identified through Wangfang database searching n=642
Excluded based on title or abstract n=544
Full-text retrieved n=98

Records identified through Vip database searching n=119
Excluded based on title or abstract n=88
Full-text retrieved n=31

Full-text articles after duplicates removed n=112
Exclude: Did not include non-cancer control group (n=46)
Did not both report the prevalence of depression/anxiety in cancer and non-cancer control group (n=38)
Did not meet the number prescribed in each group (n=3)
The depression and anxiety scale were not commonly used and accepted (n=3)
Make not it sure if the control group excluded the cancer patients (n=2)
Younger than age 18 (n=2)
Used the wrong scale to measure depression/anxiety (n=1)

Studies included in our meta-analysis n=17

Depression cancer vs. disease control group (N=14)
Depression cancer vs. normal control group (N=8)

Anxiety cancer vs. disease control group (N=12)
Anxiety cancer vs. normal control group (N=6)