

[]

.....

1.

. 2000 7

(2

가

, 2)

2)

2 7

3

가

8%

가

5

19%

1)

superoxide anion, hydrogen peroxide, hydroxy radical, single oxygen,

가

가

가 free radical 2.

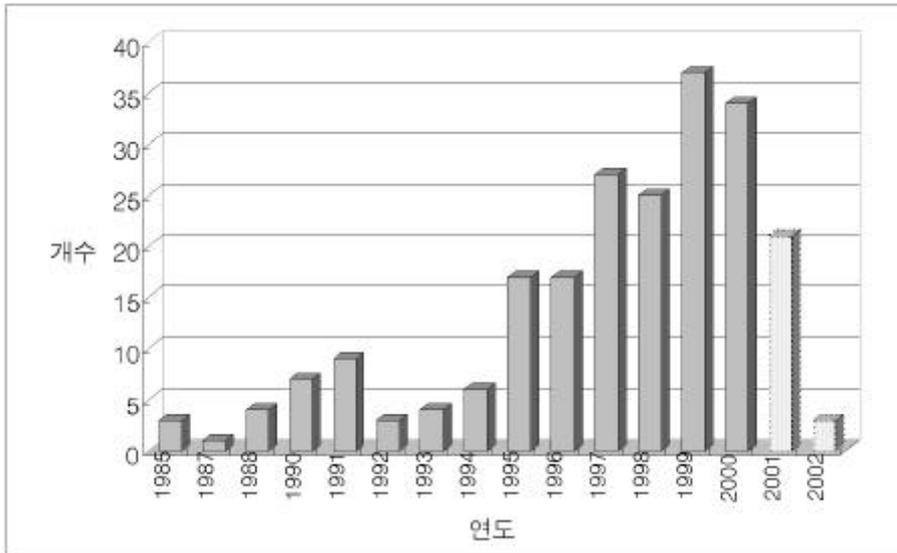
3) (KIPRIS) 2002 8 (A61K7) 216 1985 1995 97 IMF 가 가 , 1999 (1).

가 3.

1) /

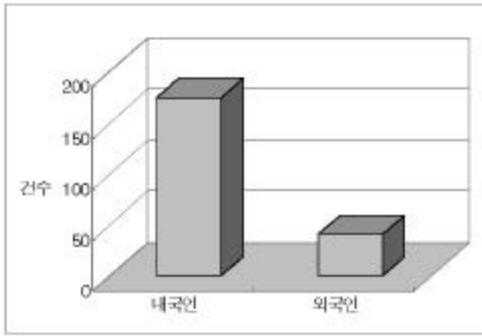
175 81%,

41 19%



(2),

51%

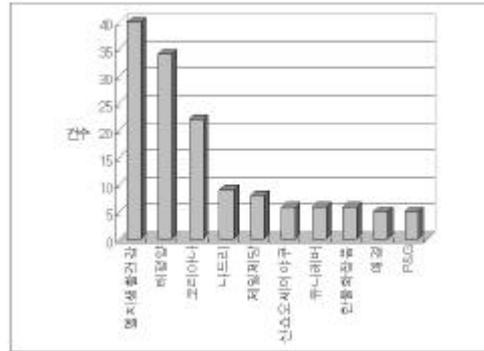


2 /

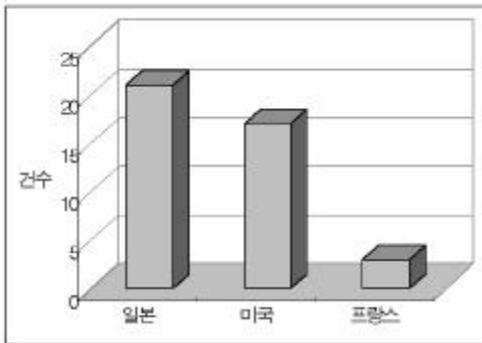
가90

38

18%



4



3 가

4.

57%

가

27%,

16%

가

2)

가

, ()

40 (19%),

35 (16%),

90

(10%),

9, 8 (4%),

가 가 , ,

90

6 (3%),

P&G가 5 (2%)

3 가 45%

가

