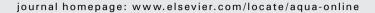


Contents lists available at ScienceDirect

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ARTICLE INFO

1. I

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ABSTRACT

_ 5 (-1)_ 5 Α 5 5 (-2)(< 0.05) 5 5 -1_ -2 _5 (_) 5 5 5 _ 5 (5) _ 5 -1 _ -2 (16.42 1.07 μ ⁻¹ 5 5 5 5 5. (< 0.05) $(6.10 \quad 0.78 \, \mu^{-1})$ (<0.05) 5 5 -1_ - _ 5 5 -1_ 5 -2. 2009 . . A 5

5_ 5 5__5 5 (5 5_5 5 _ ., 1973). 5 _5 5 5 _5_ (_5_ 5_ ,, 1997). 5 5 (5 5_ ,, 1980, 1982; 1985; 5_ ., 2005), _5fi (_5 _ , 1984), A5_ 5 _ (5 5_ ., 1994) _ 🕝 (2005). 5 5 5 5 5 _ 5 5 5 5 5 _ , 1989; , 1997). 5_ ., 1994) _ _5fi (5 55 5(_ 5_ ., 2005). 5 5 5 _5 _5 _ 5 5 _5 _ (A 5_ ., 2006; _ 5_ ., 2007). _5 5 _ _ 5 (_ , 1993). 5 _5 _ 5_

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, 1990). 5 _5 5 5 5 _ _ _5 5 5 _5,_ 5 5 _ _5 5_ ., 1999; 5_ ., 2000; _5 5_ ., 2004). _5 55 5 55 _5 5 _ 5 5 , 5 5_5 5 _5 .

2. M

2.1.

55 5 5 5.5 (A) 5.5 5 5. (2001). 5 5 _ 55 _ 5 60 5 80 , 5 _ _ 5 5 5_ 69 5 5 5 (1998). _5 _5

^{*} _ 5 .164, 5 _ 5 _ , _ , , , , 310029, .: +86 571 86986730; _ : +86 571 86994963. - fl @ , . . (.).

52 (-2), _ 51 (-1) _ 5 _5

2.2. 5 5. 5 5 5.

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. _ _ 5 _ _ 53% 55 _ 5

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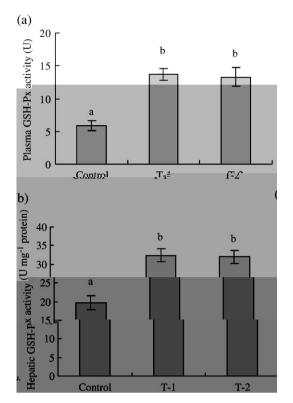
. A _ _ _ 5

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. (550%) (_ 550%).

_5 2. .

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5.5 5 11.5 (, A).

3.

.1.

.2. τ τ

4. D

fi 5, - (_ , 1993). 5_5 _ - _ 5 5 _ _ 5 5 fi _ 5, _5 _ _5, - _5 5 5 _5 _ . . . , - _ _ 5 5 (<0.05) 5 _ 5 _5 _ _ 5 5 5

Α

5 (. 09-20).

5 _ 5 _ 5 . A _ 5 _ 5 5 13,